

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075598.D
 Acq On : 07 Dec 2022 10:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

Quant Time: Dec 07 10:18:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	165475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	265437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	250184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	43397	48.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.720%		
35) Dibromofluoromethane	8.177	113	57232	54.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.780%		
50) Toluene-d8	10.571	98	122346	52.095	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.200%		
62) 4-Bromofluorobenzene	12.853	95	100394	57.916	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	67727	53.526	ug/l	99
3) Chloromethane	2.371	50	79804	50.687	ug/l	99
4) Vinyl Chloride	2.524	62	101010	50.906	ug/l	94
5) Bromomethane	2.924	94	90454	51.839	ug/l	96
6) Chloroethane	3.101	64	76298	50.746	ug/l	95
7) Trichlorofluoromethane	3.495	101	142468	50.259	ug/l	97
8) Diethyl Ether	3.971	74	57887	58.264	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	83656	53.458	ug/l	91
10) Methyl Iodide	4.589	142	143049	56.413	ug/l	95
11) Tert butyl alcohol	5.547	59	84205	225.825	ug/l	99
12) 1,1-Dichloroethene	4.342	96	79684	52.000	ug/l	90
13) Acrolein	4.189	56	86611	266.630	ug/l	97
14) Allyl chloride	5.030	41	109742	55.365	ug/l	96
15) Acrylonitrile	5.730	53	220918	258.239	ug/l	98
16) Acetone	4.442	43	197250	238.076	ug/l	93
17) Carbon Disulfide	4.718	76	202914	50.952	ug/l	98
18) Methyl Acetate	5.030	43	114830	55.109	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	300253	55.311	ug/l	98
20) Methylene Chloride	5.283	84	97973	58.532	ug/l	89
21) trans-1,2-Dichloroethene	5.795	96	90991	52.103	ug/l	98
22) Diisopropyl ether	6.677	45	255573	56.502	ug/l	97
23) Vinyl Acetate	6.612	43	902380	250.761	ug/l	98
24) 1,1-Dichloroethane	6.577	63	159961	55.095	ug/l	97
25) 2-Butanone	7.489	43	290147	250.837	ug/l	100
26) 2,2-Dichloropropane	7.494	77	129719	48.074	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	110176	55.793	ug/l	93
28) Bromochloromethane	7.818	49	62240	52.812	ug/l	84
29) Tetrahydrofuran	7.841	42	181523	257.995	ug/l	98
30) Chloroform	7.971	83	175593	52.665	ug/l	98
31) Cyclohexane	8.265	56	133032	47.140	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	156314	51.634	ug/l	97
36) 1,1-Dichloropropene	8.377	75	124115	54.582	ug/l	98
37) Ethyl Acetate	7.565	43	112720	55.052	ug/l	98
38) Carbon Tetrachloride	8.371	117	139641	55.902	ug/l	99
39) Methylcyclohexane	9.606	83	158853	55.818	ug/l	98
40) Benzene	8.612	78	386490	55.513	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	60502	57.797	ug/l	99
42) 1,2-Dichloroethane	8.677	62	132070	56.641	ug/l	97
43) Isopropyl Acetate	8.694	43	189660	57.708	ug/l	96
44) Trichloroethene	9.353	130	106882	56.106	ug/l	87
45) 1,2-Dichloropropane	9.624	63	94454	56.930	ug/l	99
46) Dibromomethane	9.712	93	72823	58.030	ug/l #	88
47) Bromodichloromethane	9.888	83	144440	59.436	ug/l	97
48) Methyl methacrylate	9.682	41	86827	57.135	ug/l	97
49) 1,4-Dioxane	9.706	88	45246	1048.530	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	593323	283.445	ug/l	98
52) Toluene	10.635	92	264308	58.912	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	150456	61.669	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	161119	60.805	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	108268	59.250	ug/l	97
56) Ethyl methacrylate	10.877	69	154887	62.765	ug/l	96
57) 1,3-Dichloropropane	11.165	76	173480	58.225	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	253434	284.757	ug/l	96
59) 2-Hexanone	11.200	43	445098	283.171	ug/l	99
60) Dibromochloromethane	11.359	129	122973	65.564	ug/l	99
61) 1,2-Dibromoethane	11.471	107	111219	58.641	ug/l	100
64) Tetrachloroethene	11.106	164	95480	49.975	ug/l	90
65) Chlorobenzene	11.894	112	289633	56.057	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	111559	57.853	ug/l	98
67) Ethyl Benzene	11.965	91	508821	57.724	ug/l	98
68) m/p-Xylenes	12.076	106	414736	115.862	ug/l	100
69) o-Xylene	12.400	106	203686	57.271	ug/l	97
70) Styrene	12.412	104	342168	60.987	ug/l	99
71) Bromoform	12.582	173	92794	63.227	ug/l #	99
73) Isopropylbenzene	12.700	105	523377	54.197	ug/l	98
74) N-amyl acetate	12.494	43	173096	58.304	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	159908	54.313	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	120021m	48.025	ug/l	
77) Bromobenzene	12.982	156	132789	55.698	ug/l	84
78) n-propylbenzene	13.041	91	593422	55.063	ug/l	99
79) 2-Chlorotoluene	13.129	91	357620	55.074	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	459301	57.247	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	46939	55.571	ug/l	98
82) 4-Chlorotoluene	13.129	91	357620	55.074	ug/l	96
83) tert-Butylbenzene	13.441	119	394793	53.969	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	467094	58.041	ug/l	99
85) sec-Butylbenzene	13.618	105	558699	56.289	ug/l	99
86) p-Isopropyltoluene	13.735	119	486981	58.314	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	253860	56.199	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	252680	55.067	ug/l	98
89) n-Butylbenzene	14.059	91	396474	56.212	ug/l	99
90) Hexachloroethane	14.335	117	83557	57.999	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	249550	56.676	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30073	53.922	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	137037	60.732	ug/l	99
94) Hexachlorobutadiene	15.506	225	67563	57.485	ug/l	99
95) Naphthalene	15.641	128	409528	57.691	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	130502	58.845	ug/l	98

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ClientSampleId :
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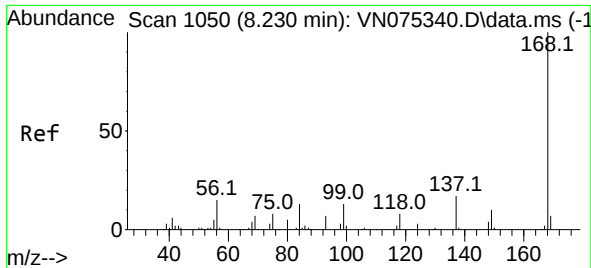
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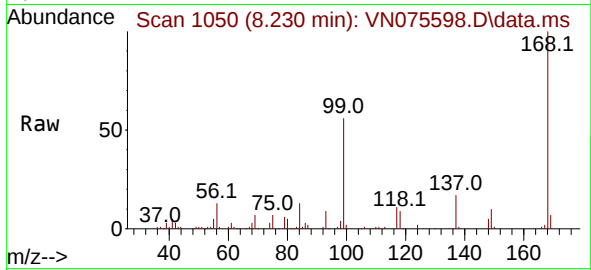
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

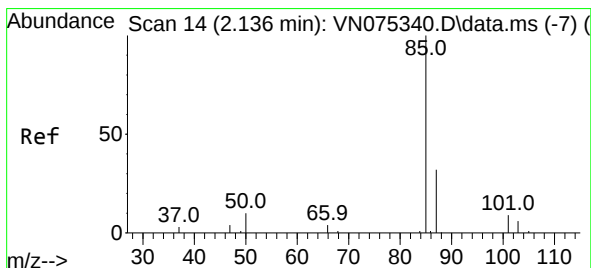
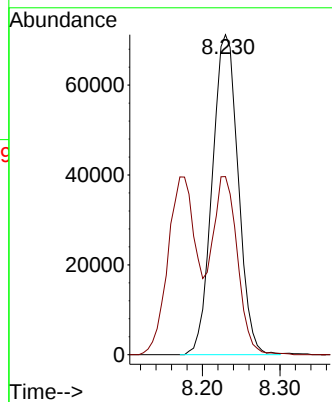
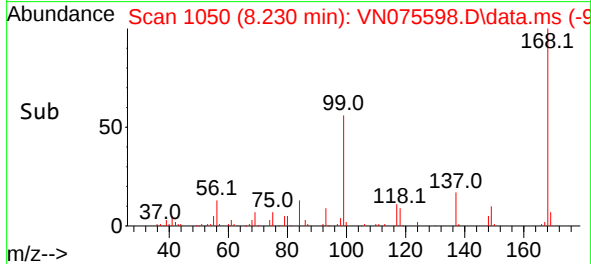
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 165475
Ion Ratio Lower Upper
168 100
99 55.3 51.6 77.4

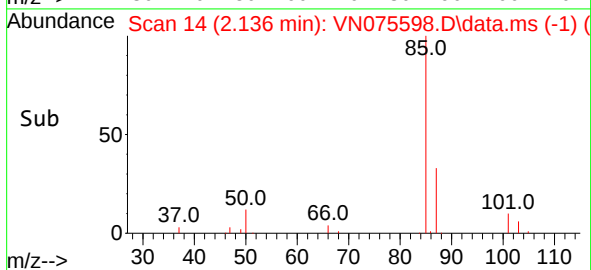
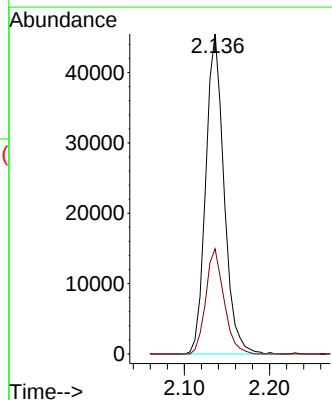
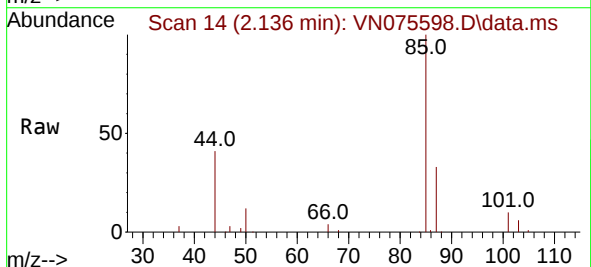
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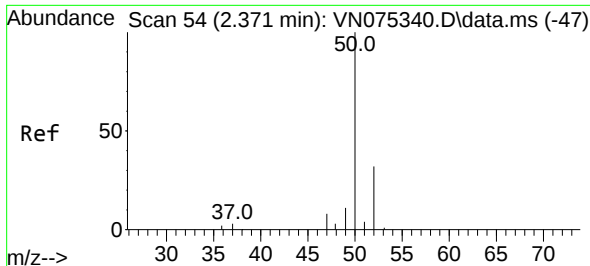
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#2
Dichlorodifluoromethane
Concen: 53.526 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Tgt Ion: 85 Resp: 67727
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.0





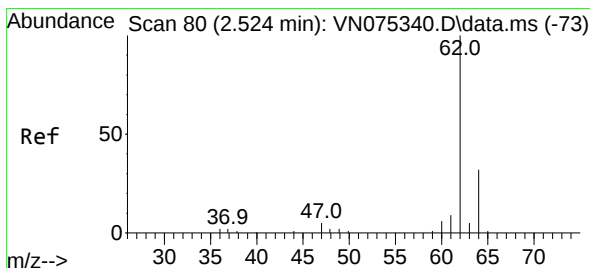
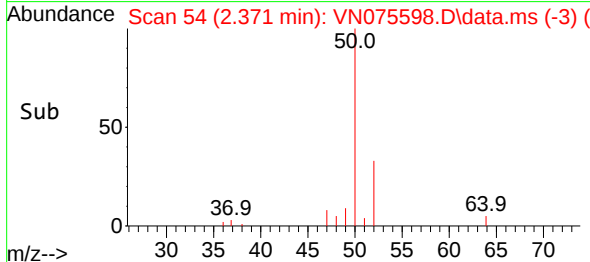
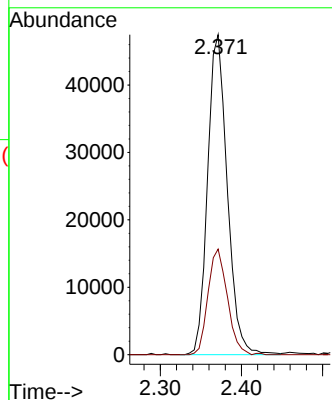
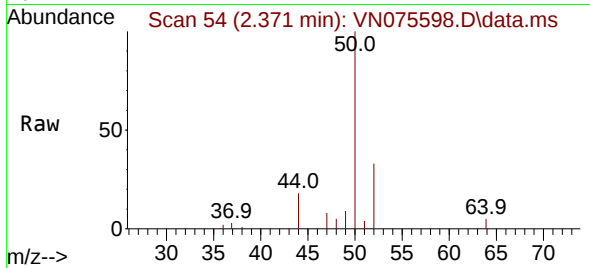
#3
Chloromethane
Concen: 50.687 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :
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VSTDCCC050

Tgt Ion: 50 Resp: 79804
Ion Ratio Lower Upper
50 100
52 33.0 25.8 38.6

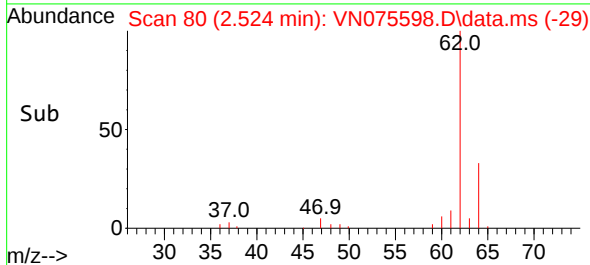
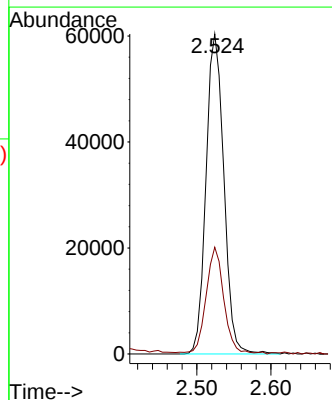
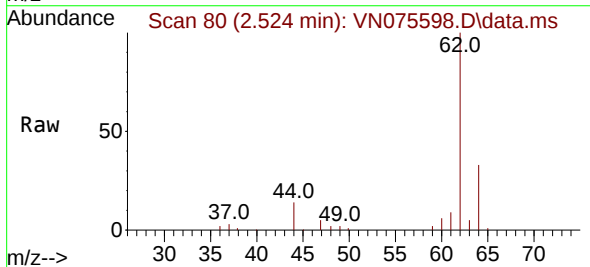
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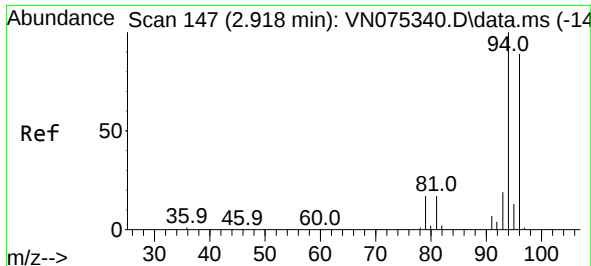
Reviewed By :John Carlone 12/08/2022
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#4
Vinyl Chloride
Concen: 50.906 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

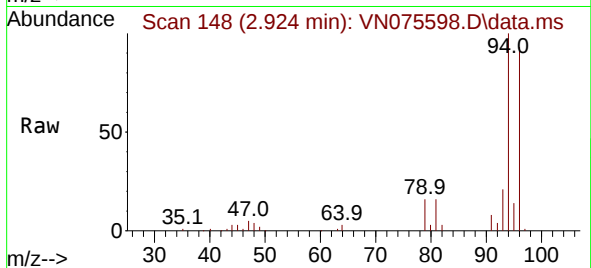
Tgt Ion: 62 Resp: 101010
Ion Ratio Lower Upper
62 100
64 33.0 24.0 36.0





#5
Bromomethane
Concen: 51.839 ug/l
RT: 2.924 min Scan# 147
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

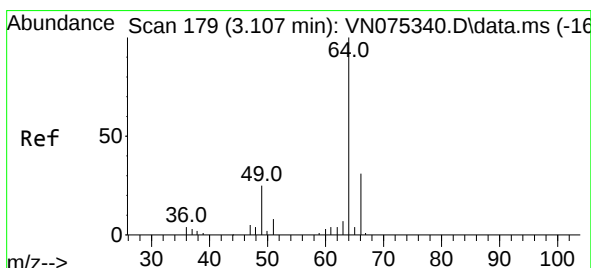
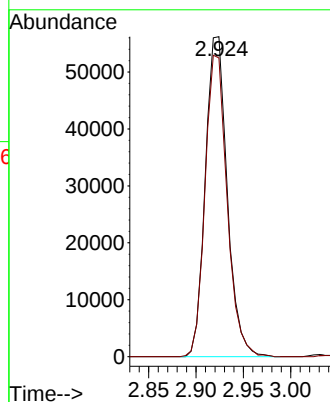
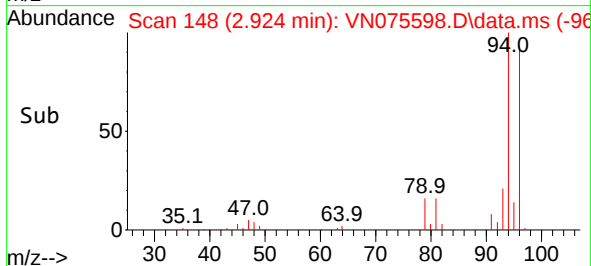
Instrument :
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Tgt Ion: 94 Resp: 90454
Ion Ratio Lower Upper
94 100
96 93.3 71.8 107.6

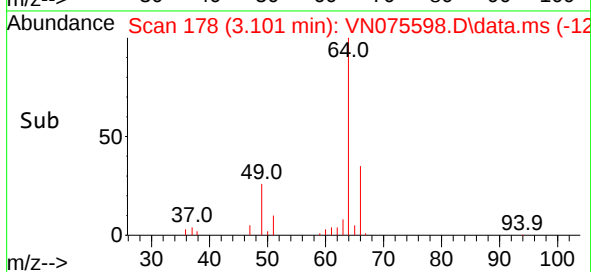
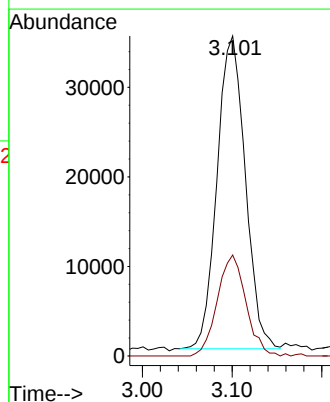
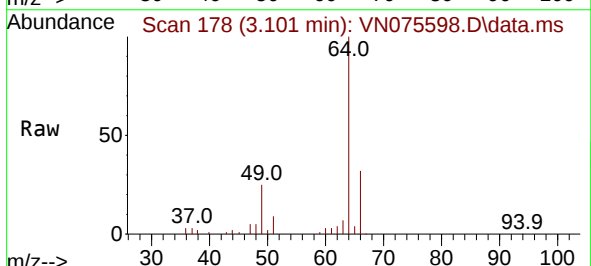
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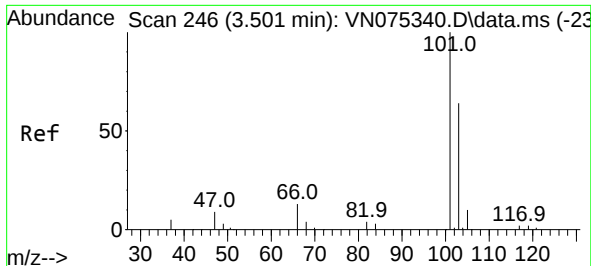
Reviewed By :John Carlone 12/08/2022
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#6
Chloroethane
Concen: 50.746 ug/l
RT: 3.101 min Scan# 178
Delta R.T. -0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Tgt Ion: 64 Resp: 76298
Ion Ratio Lower Upper
64 100
66 32.3 23.8 35.8





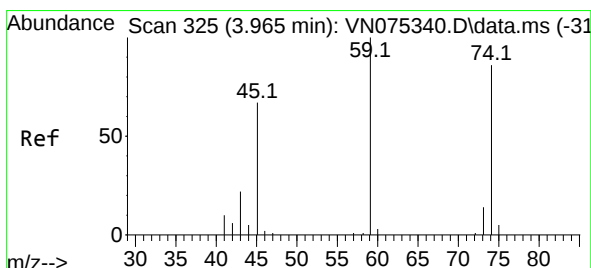
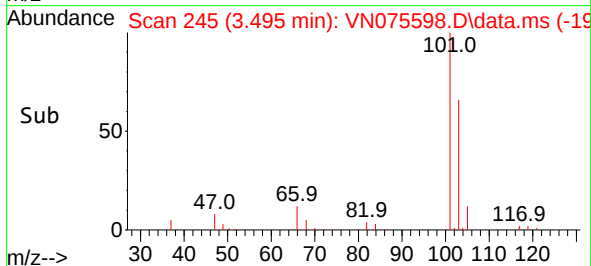
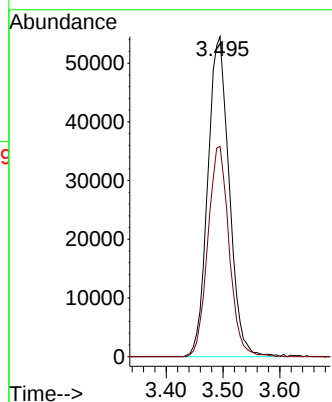
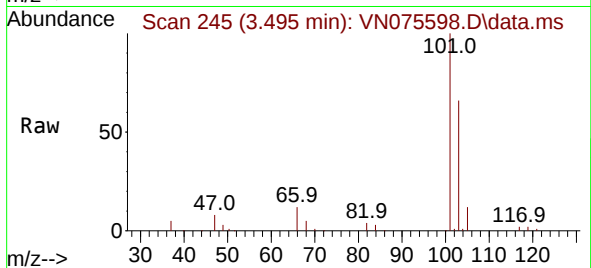
#7
Trichlorofluoromethane
Concen: 50.259 ug/l
RT: 3.495 min Scan# 246
Delta R.T. -0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 142468
Ion Ratio Lower Upper
101 100
103 65.8 50.5 75.7

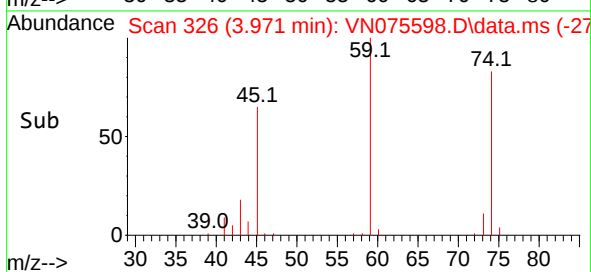
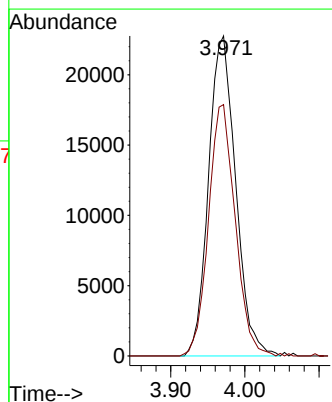
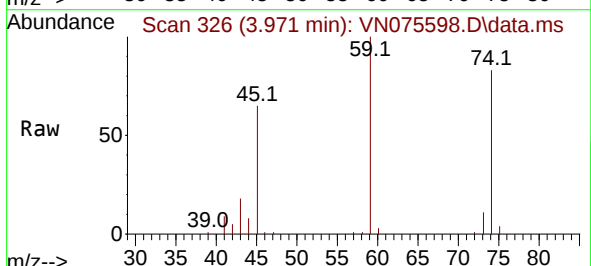
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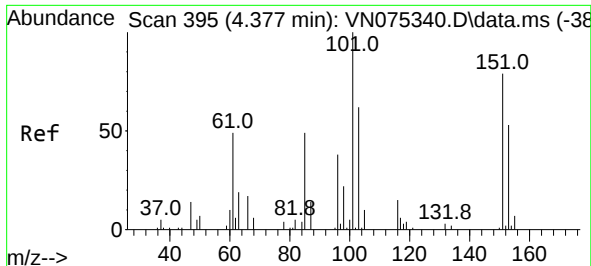
Reviewed By :John Carlone 12/08/2022
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#8
Diethyl Ether
Concen: 58.264 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Tgt Ion: 74 Resp: 57887
Ion Ratio Lower Upper
74 100
45 77.3 39.3 117.9





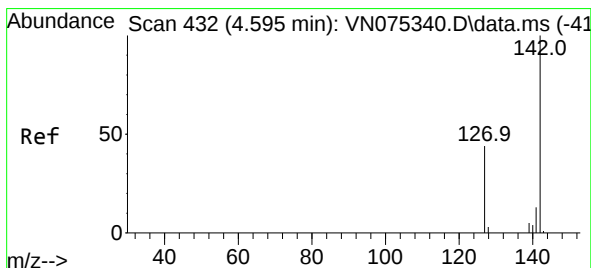
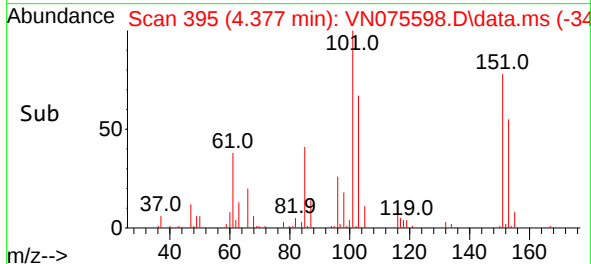
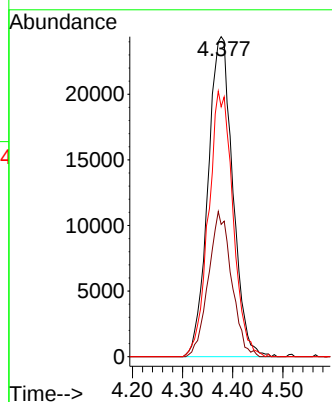
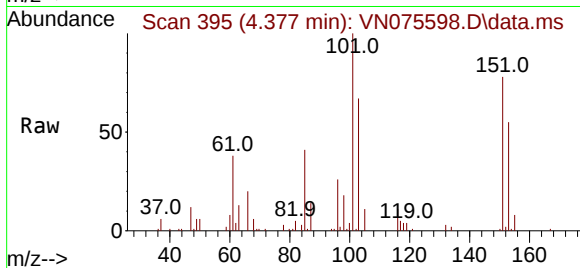
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.458 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 83650
Ion Ratio Lower Upper
101 100
85 42.5 37.6 56.4
151 81.5 58.3 87.5

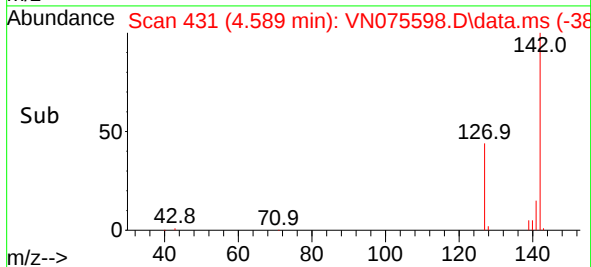
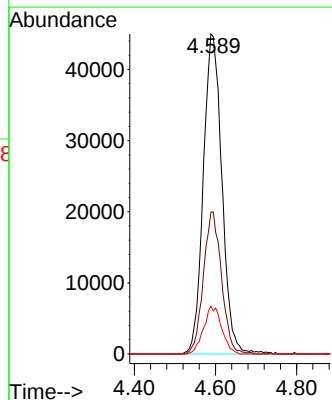
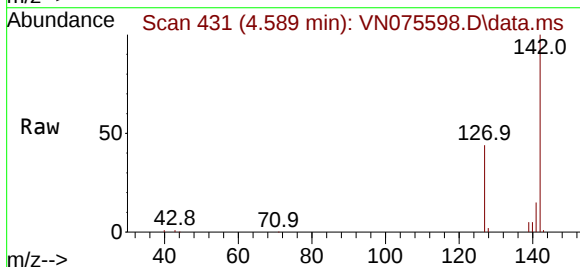
Manual Integrations
APPROVED

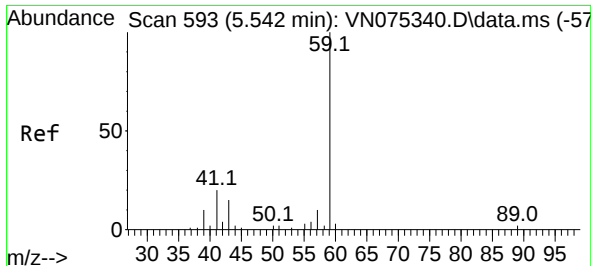
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#10
Methyl Iodide
Concen: 56.413 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Tgt Ion:142 Resp: 143049
Ion Ratio Lower Upper
142 100
127 43.1 38.0 57.0
141 14.5 12.2 18.4





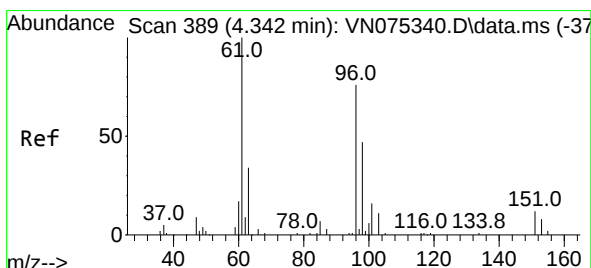
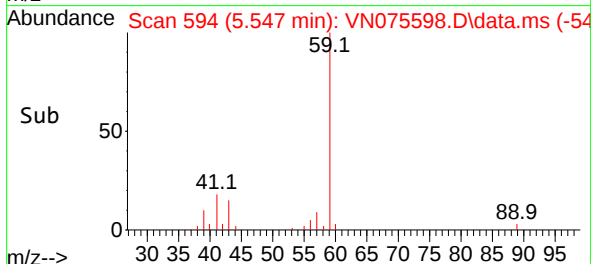
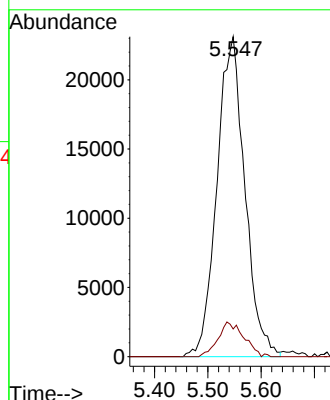
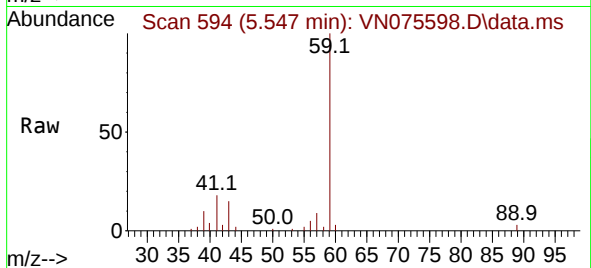
#11
Tert butyl alcohol
Concen: 225.825 ug/l
RT: 5.547 min Scan# 593
Delta R.T. 0.005 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 8420
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

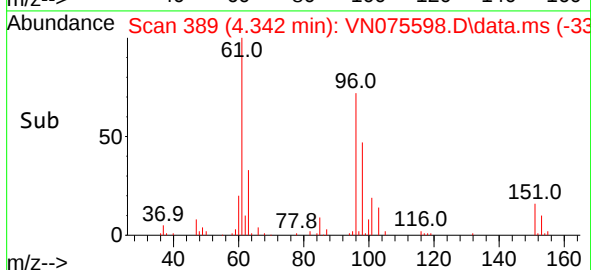
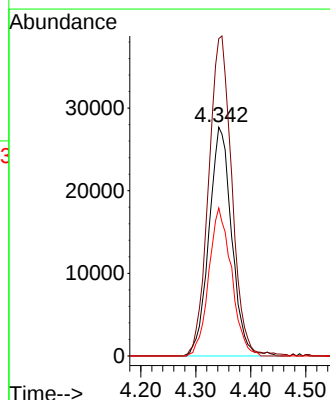
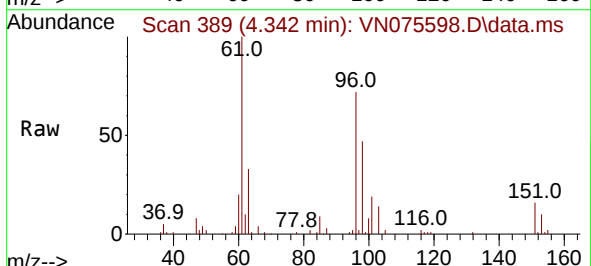
Manual Integrations
APPROVED

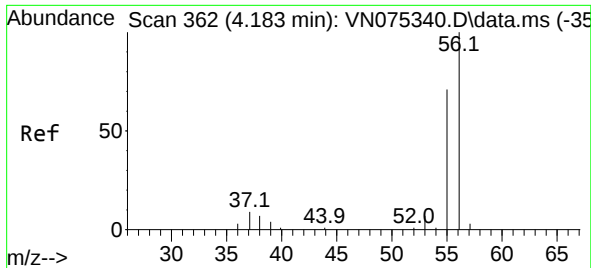
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#12
1,1-Dichloroethene
Concen: 52.000 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Tgt Ion: 96 Resp: 79684
Ion Ratio Lower Upper
96 100
61 138.6 126.2 189.4
98 64.6 51.5 77.3





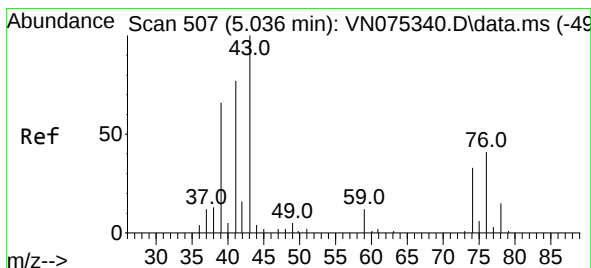
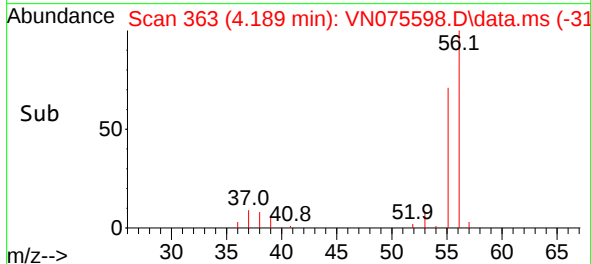
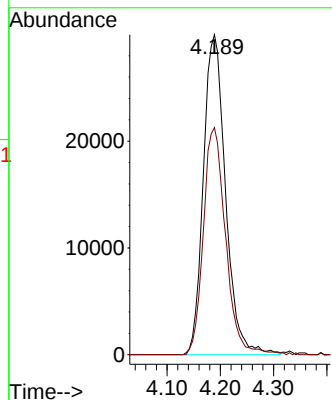
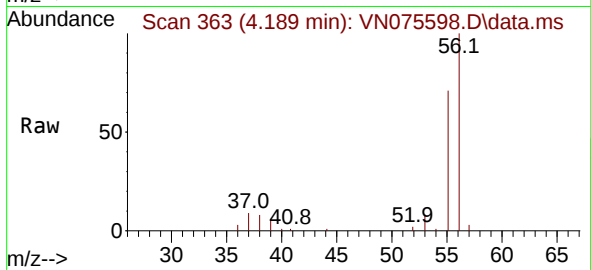
#13
Acrolein
Concen: 266.630 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 8661
Ion Ratio Lower Upper
56 100
55 71.1 55.2 82.8

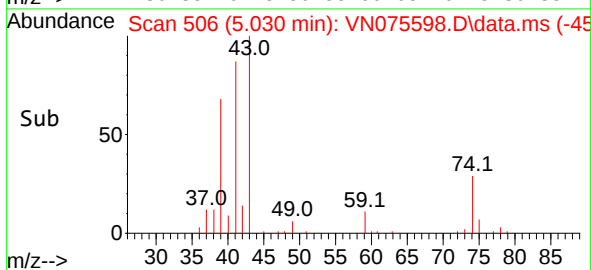
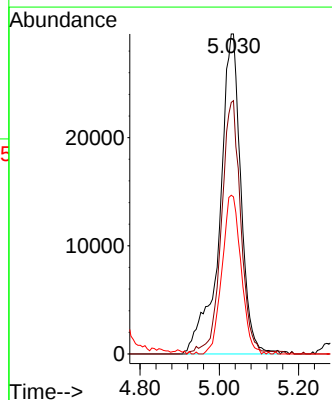
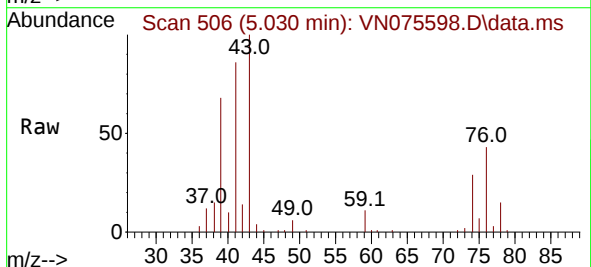
Manual Integrations
APPROVED

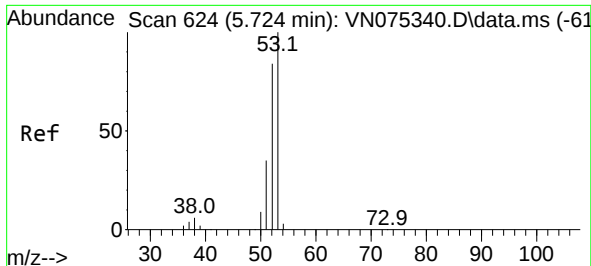
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#14
Allyl chloride
Concen: 55.365 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

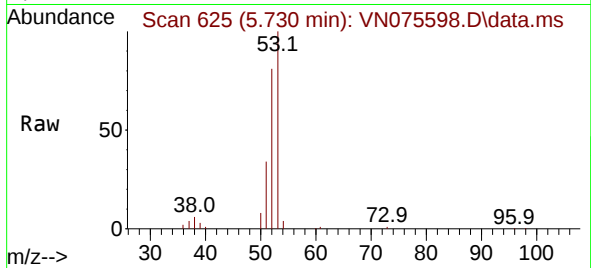
Tgt Ion: 41 Resp: 109742
Ion Ratio Lower Upper
41 100
39 72.6 61.0 91.4
76 44.6 33.4 50.0





#15
Acrylonitrile
Concen: 258.239 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

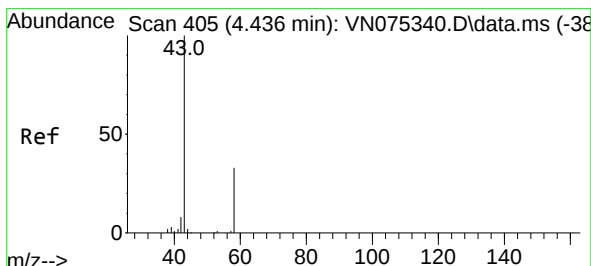
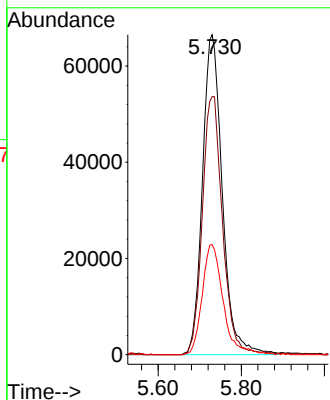
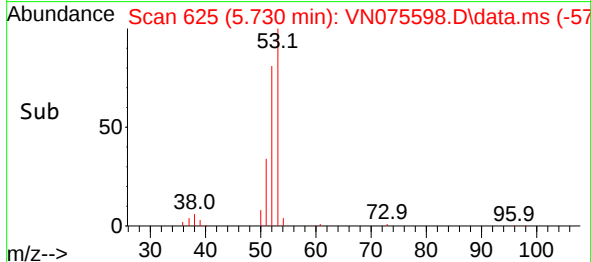
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 220918
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 36.2 29.6 44.4

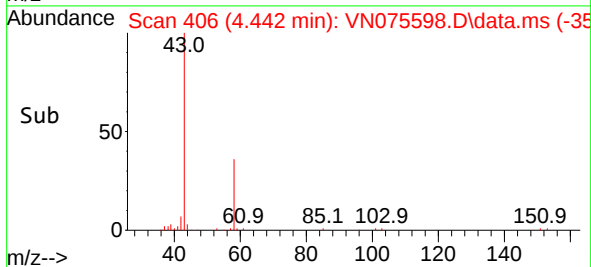
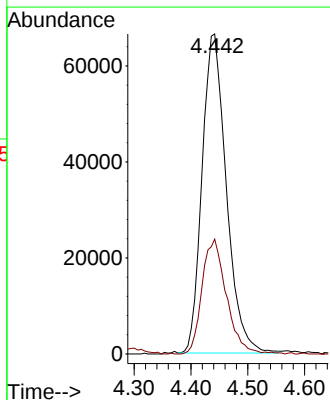
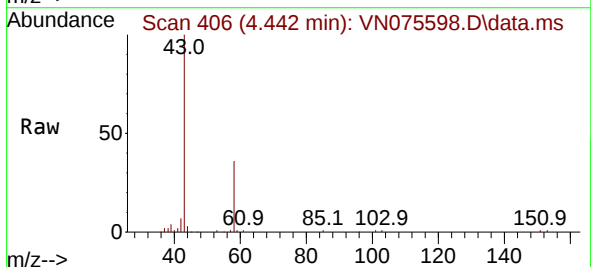
Manual Integrations
APPROVED

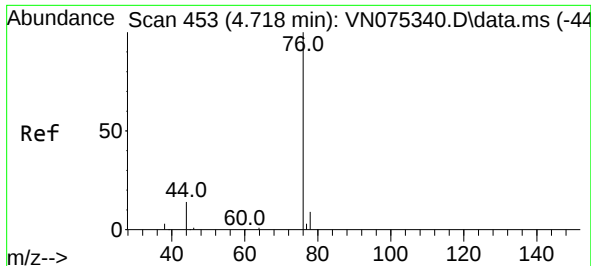
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#16
Acetone
Concen: 238.076 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

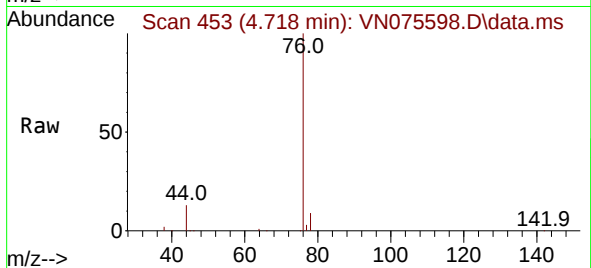
Tgt Ion: 43 Resp: 197250
Ion Ratio Lower Upper
43 100
58 36.0 25.5 38.3





#17
Carbon Disulfide
Concen: 50.952 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

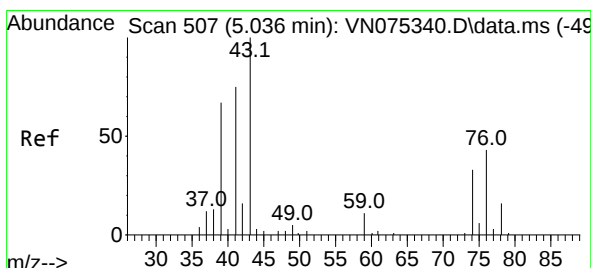
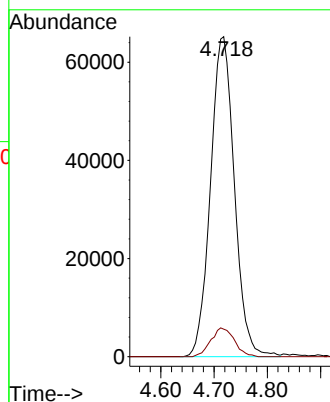
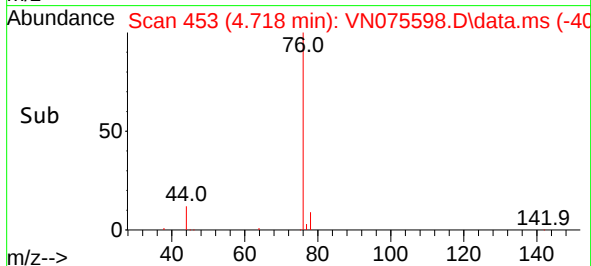
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



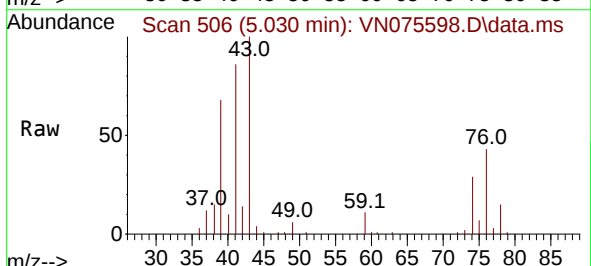
Tgt Ion: 76 Resp: 202914
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

Manual Integrations
APPROVED

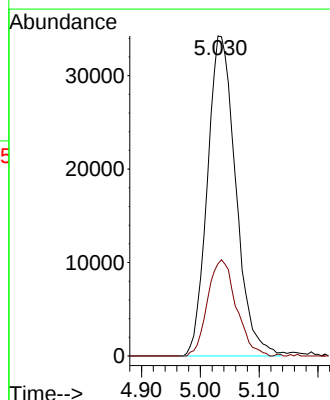
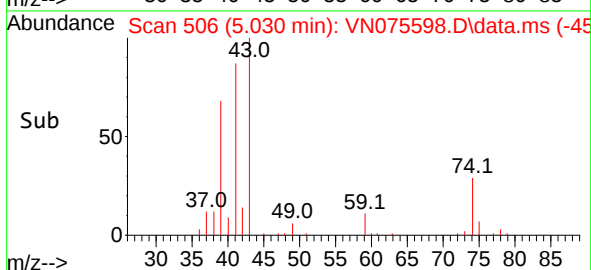
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

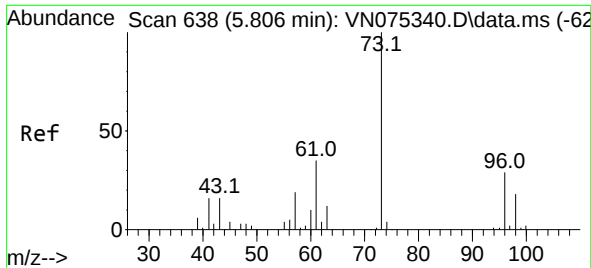


#18
Methyl Acetate
Concen: 55.109 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00



Tgt Ion: 43 Resp: 114830
Ion Ratio Lower Upper
43 100
74 30.3 22.0 33.0





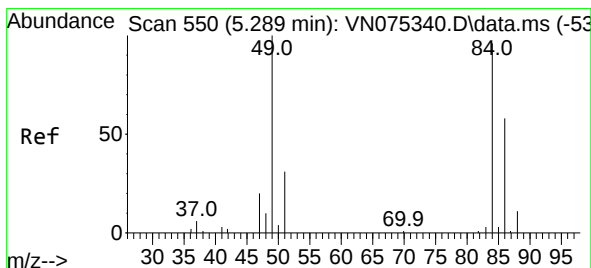
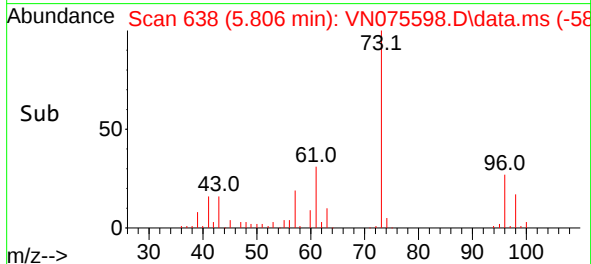
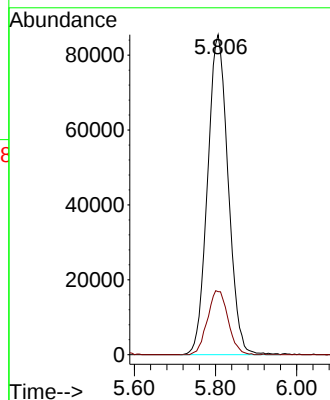
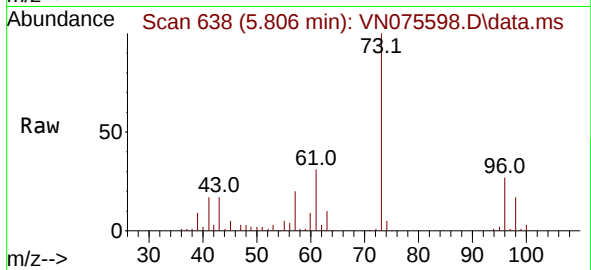
#19
Methyl tert-butyl Ether
Concen: 55.311 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 30025
Ion Ratio Lower Upper
73 100
57 19.7 16.3 24.5

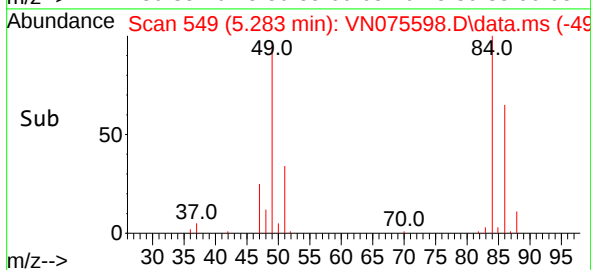
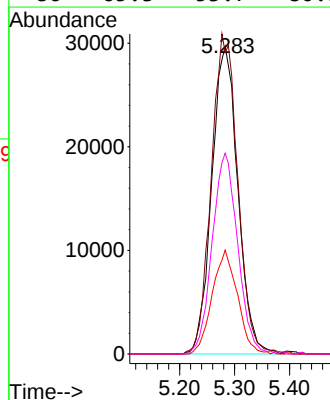
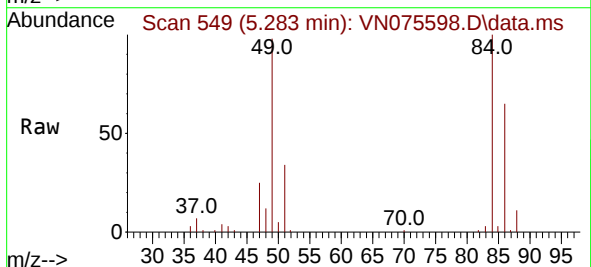
Manual Integrations
APPROVED

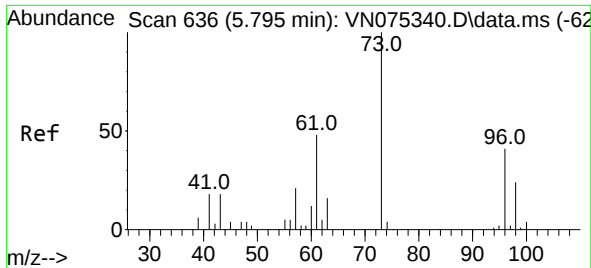
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#20
Methylene Chloride
Concen: 58.532 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Tgt Ion: 84 Resp: 97973
Ion Ratio Lower Upper
84 100
49 98.0 94.9 142.3
51 33.8 26.8 40.2
86 65.3 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 52.103 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :

MSVOA_N

ClientSampleId :

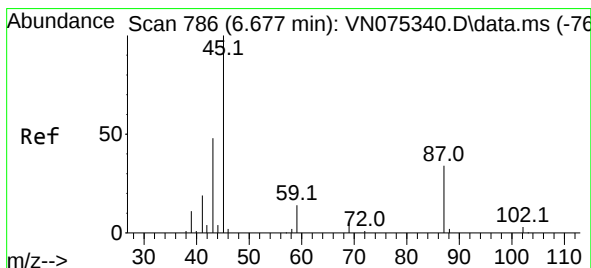
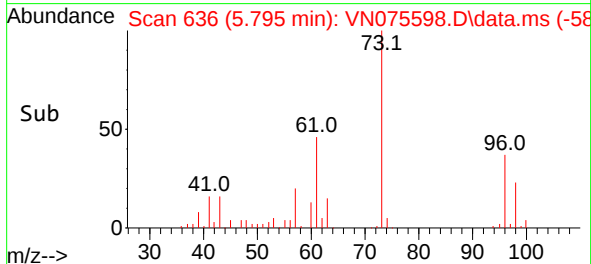
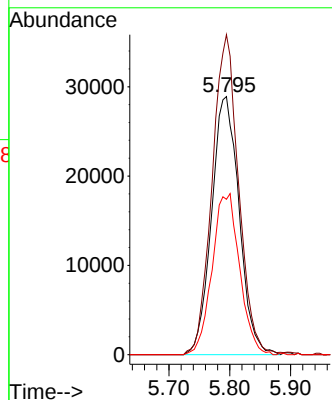
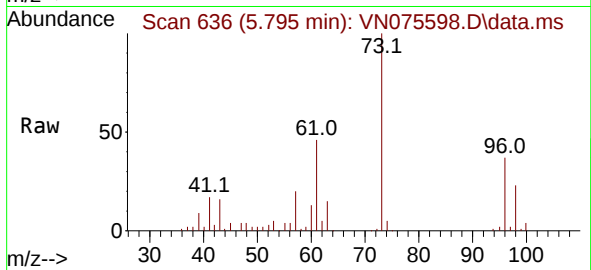
VSTDCCC050

Tgt Ion: 96 Resp: 9099
Ion Ratio Lower Upper
96 100
61 124.0 99.9 149.9
98 60.2 51.5 77.3

Manual Integrations

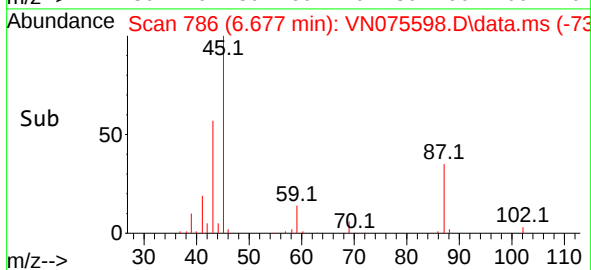
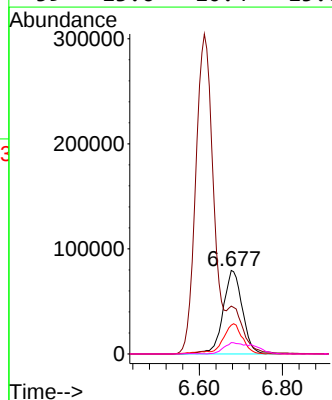
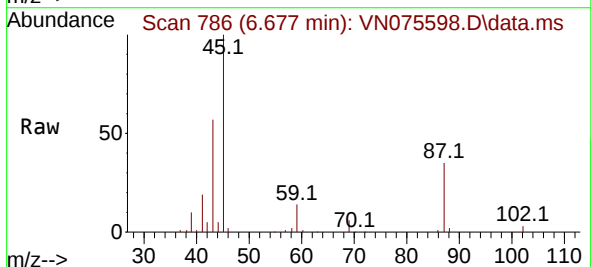
APPROVED

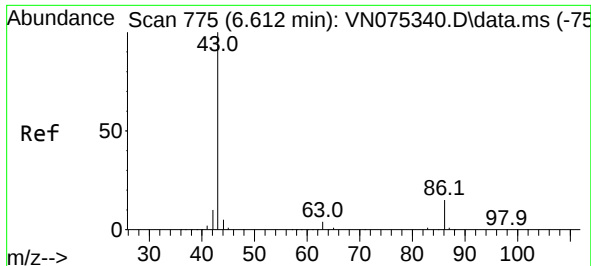
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#22
Diisopropyl ether
Concen: 56.502 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Tgt Ion: 45 Resp: 255573
Ion Ratio Lower Upper
45 100
43 56.3 42.8 64.2
87 34.6 28.4 42.6
59 13.6 10.4 15.6





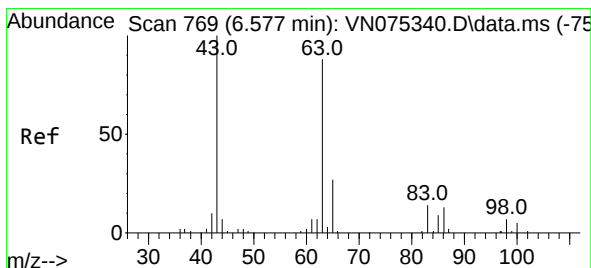
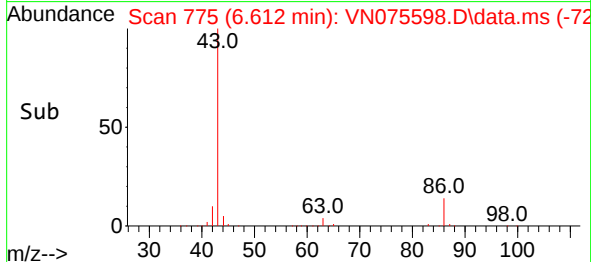
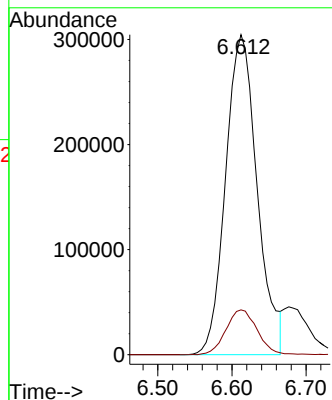
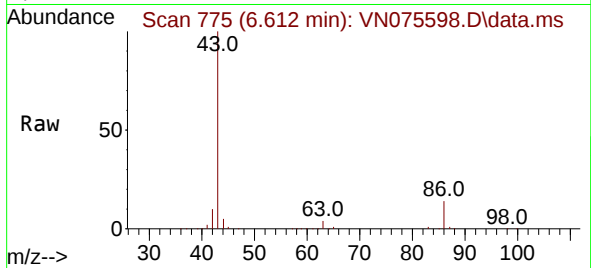
#23
 Vinyl Acetate
 Concen: 250.761 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075598.D
 Acq: 07 Dec 2022 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 902380
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.7 16.1

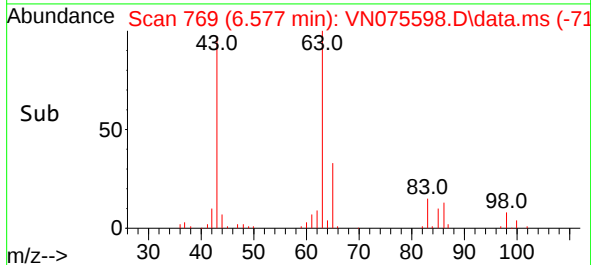
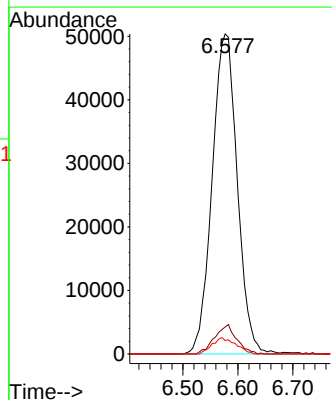
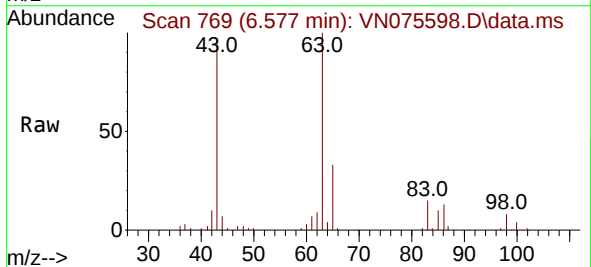
Manual Integrations
 APPROVED

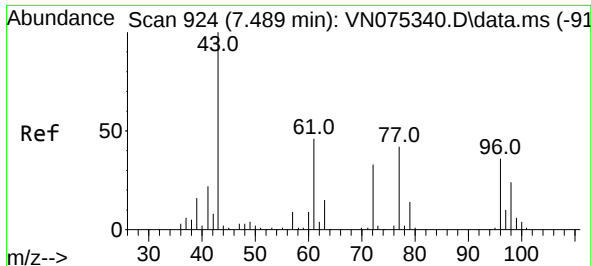
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#24
 1,1-Dichloroethane
 Concen: 55.095 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075598.D
 Acq: 07 Dec 2022 10:00

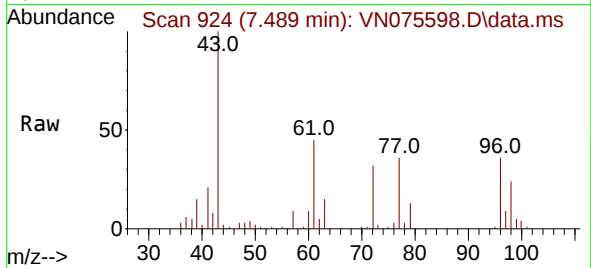
Tgt Ion: 63 Resp: 159961
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 4.2 2.4 7.2





#25
2-Butanone
Concen: 250.837 ug/l
RT: 7.489 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

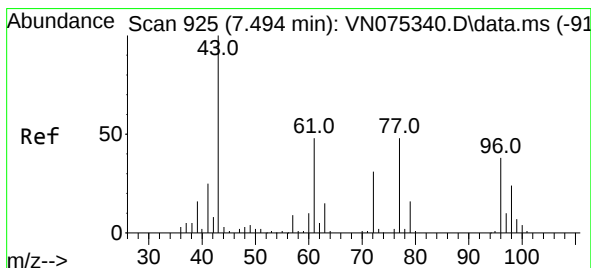
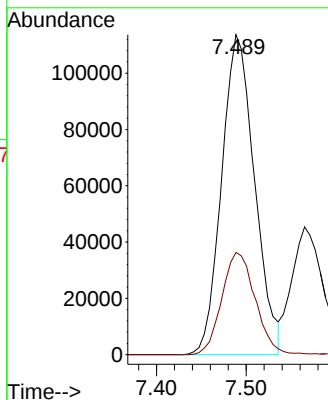
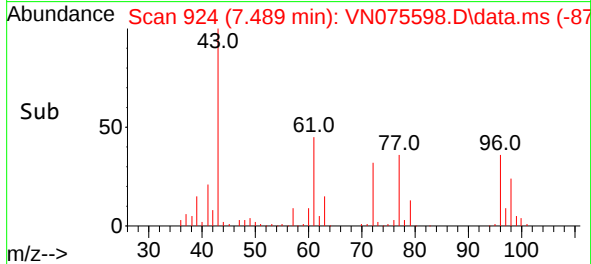
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



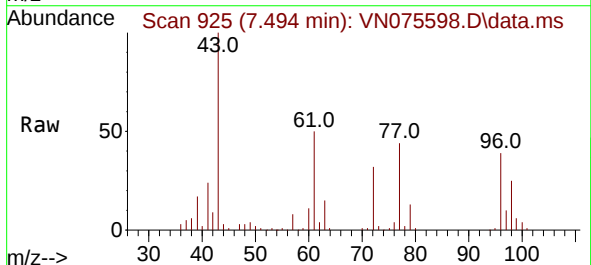
Tgt Ion: 43 Resp: 29014
Ion Ratio Lower Upper
43 100
72 31.9 25.5 38.3

Manual Integrations
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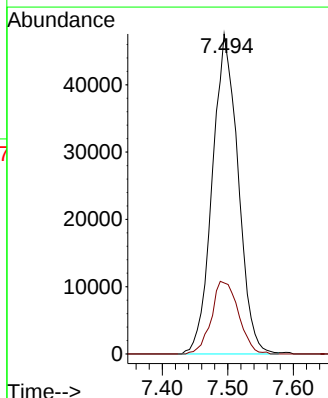
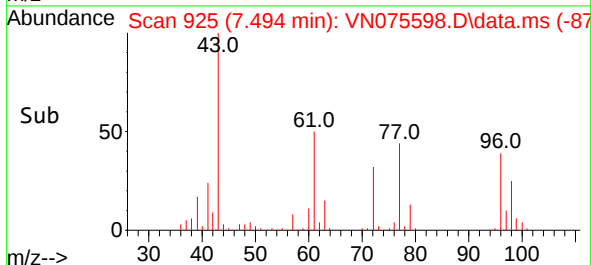
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

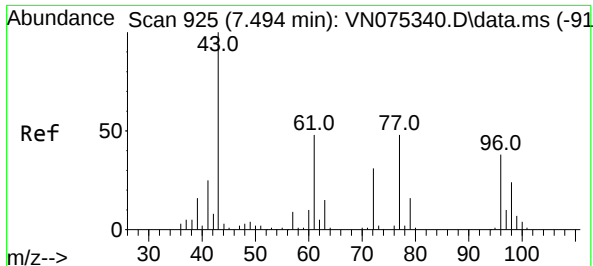


#26
2,2-Dichloropropane
Concen: 48.074 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00



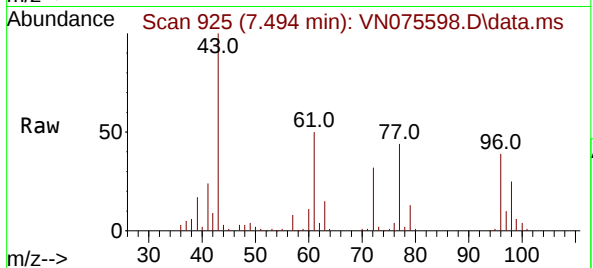
Tgt Ion: 77 Resp: 129719
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 55.793 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075598.D
 Acq: 07 Dec 2022 10:00

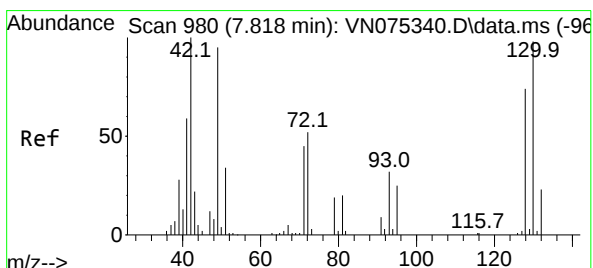
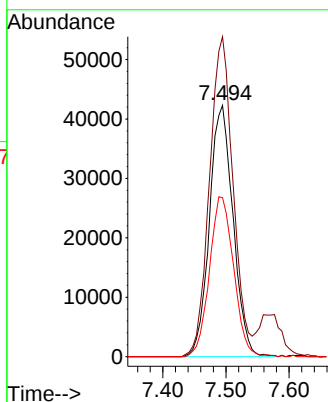
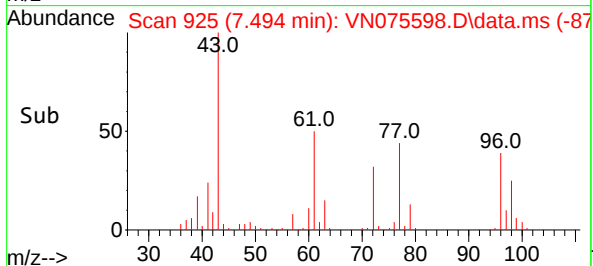
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 110170
 Ion Ratio Lower Upper
 96 100
 61 127.0 0.0 278.8
 98 65.1 0.0 128.4

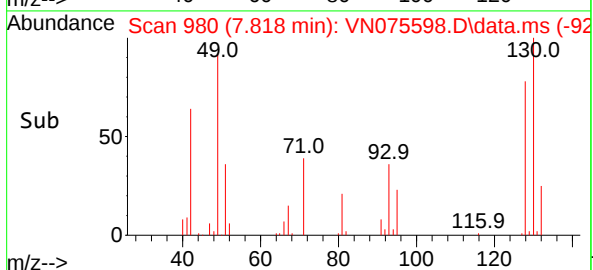
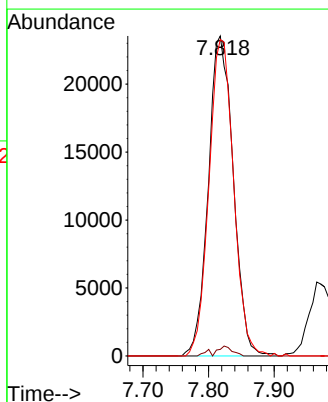
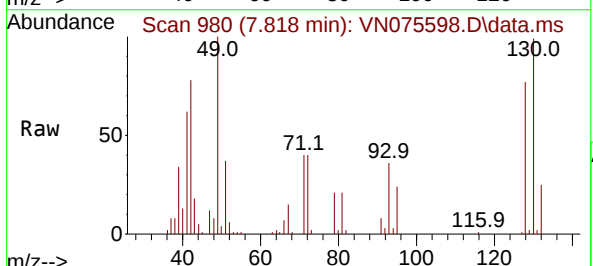
Manual Integrations
 APPROVED

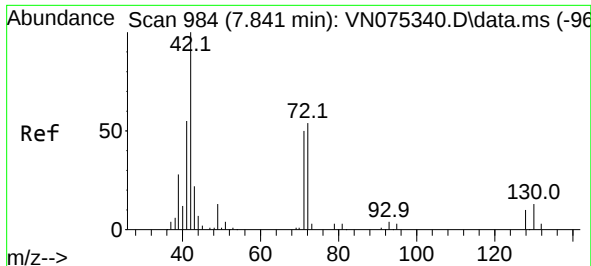
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#28
 Bromochloromethane
 Concen: 52.812 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075598.D
 Acq: 07 Dec 2022 10:00

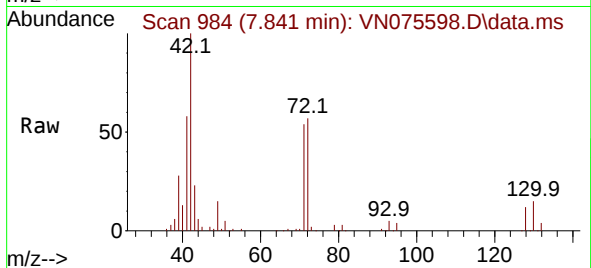
Tgt Ion: 49 Resp: 62240
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 97.5 66.2 99.4





#29
Tetrahydrofuran
Concen: 257.995 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

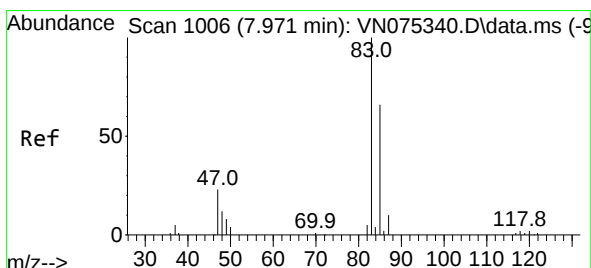
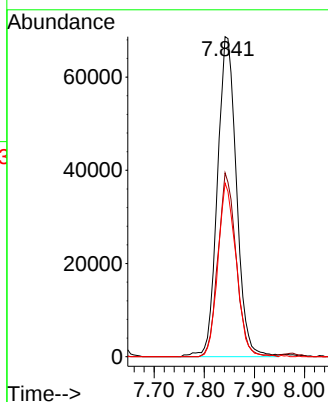
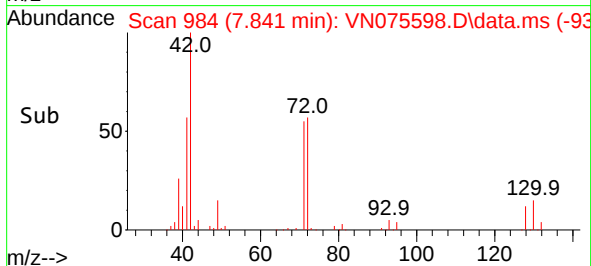
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



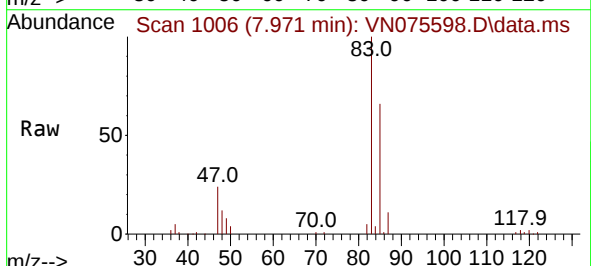
Tgt Ion: 42 Resp: 18152
Ion Ratio Lower Upper
42 100
72 54.7 43.0 64.6
71 52.0 39.9 59.9

Manual Integrations
APPROVED

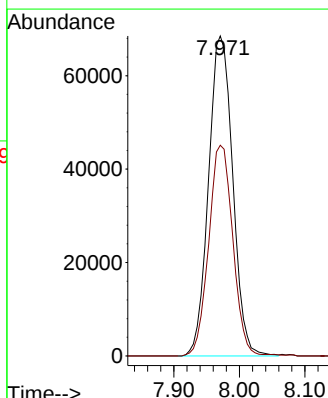
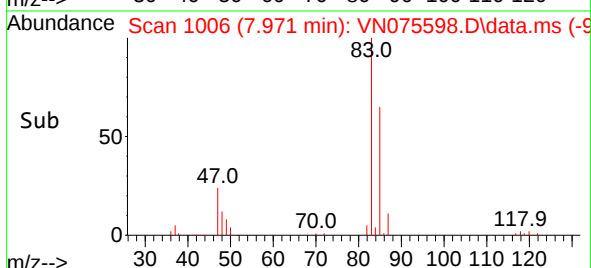
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

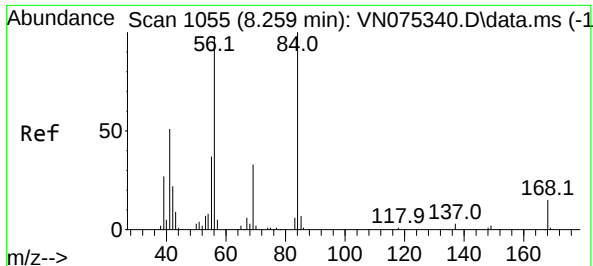


#30
Chloroform
Concen: 52.665 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00



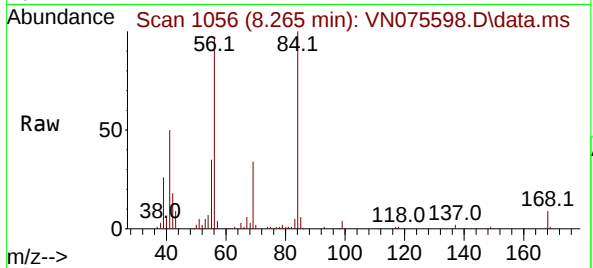
Tgt Ion: 83 Resp: 175593
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.0





#31
Cyclohexane
Concen: 47.140 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

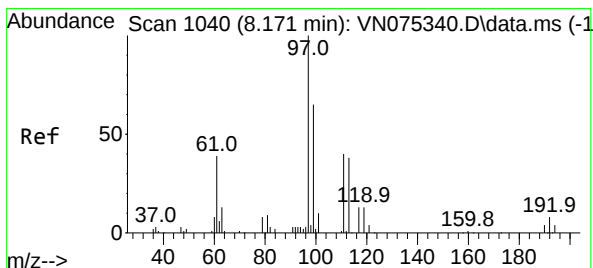
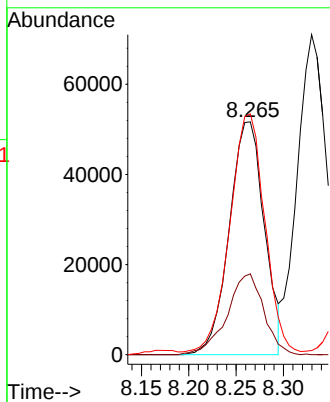
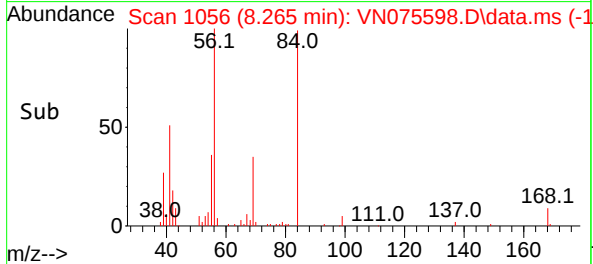
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



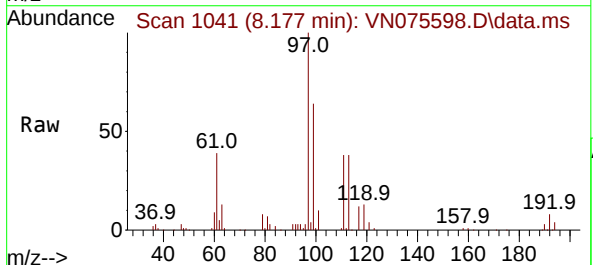
Tgt Ion: 56 Resp: 13303
Ion Ratio Lower Upper
56 100
69 34.7 25.2 37.8
84 102.2 77.8 116.8

Manual Integrations
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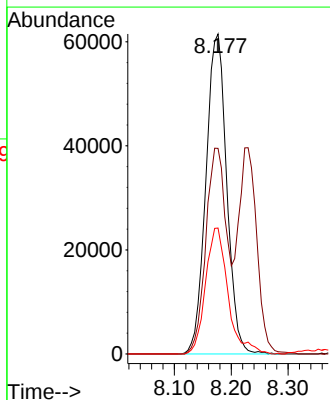
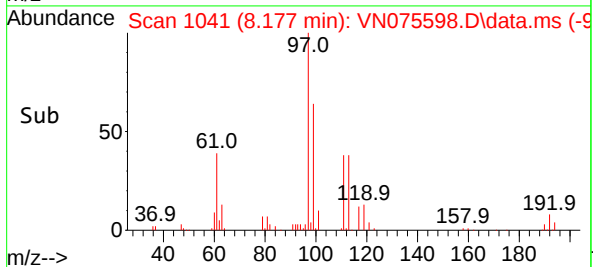
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

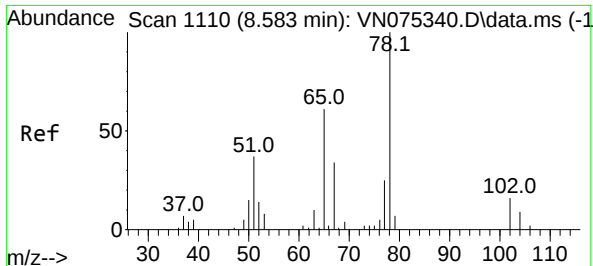


#32
1,1,1-Trichloroethane
Concen: 51.634 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00



Tgt Ion: 97 Resp: 156314
Ion Ratio Lower Upper
97 100
99 63.7 50.2 75.2
61 42.3 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 48.857 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 4339

Ion Ratio Lower Upper

65 100

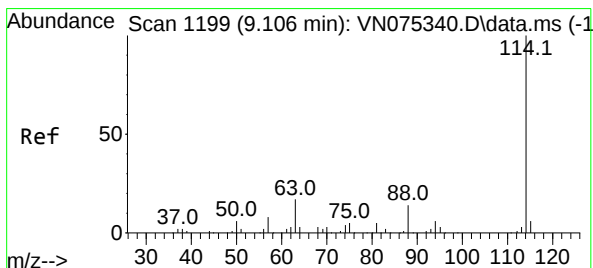
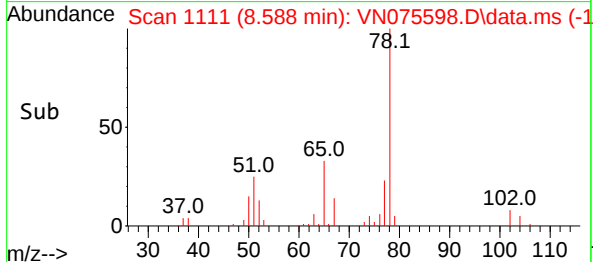
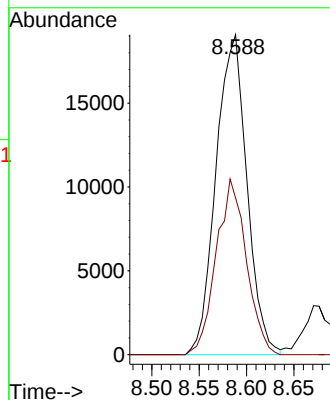
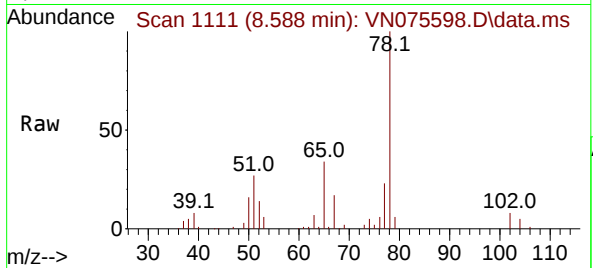
67 53.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

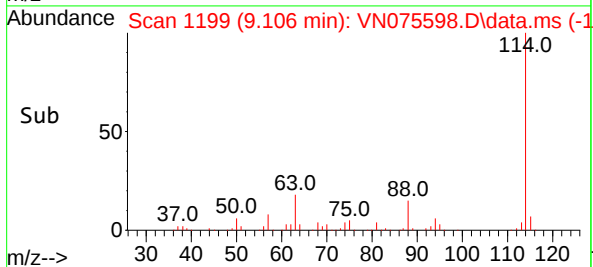
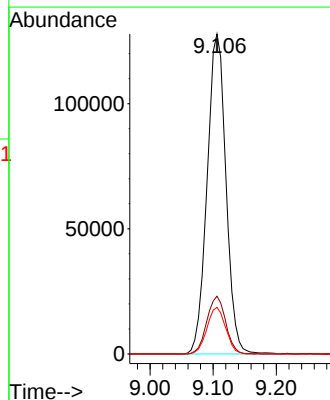
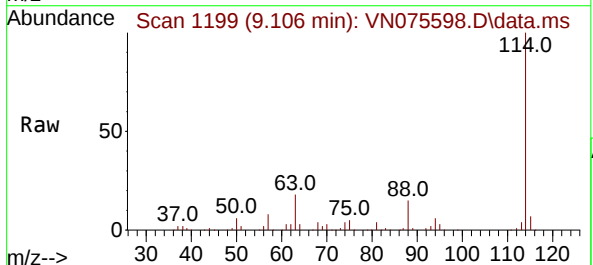
Tgt Ion:114 Resp: 265437

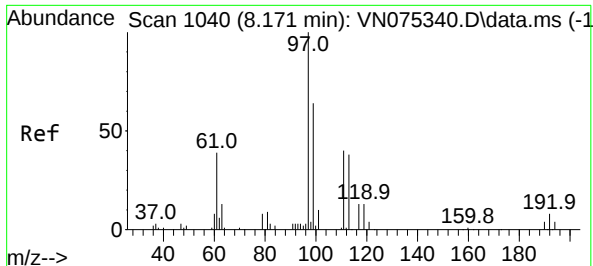
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

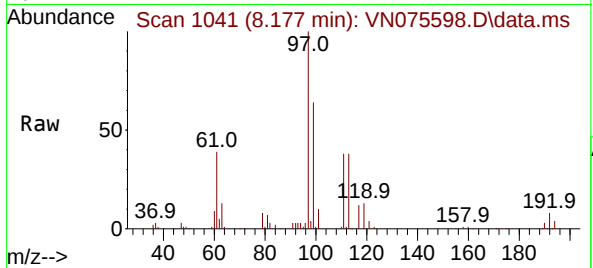
88 14.6 0.0 29.0





#35
Dibromofluoromethane
Concen: 54.887 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

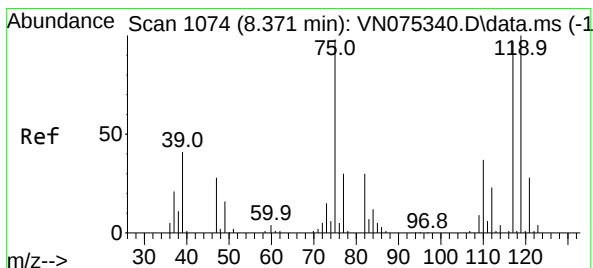
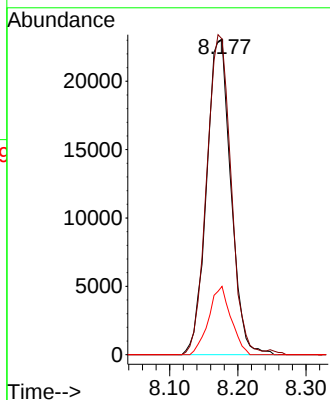
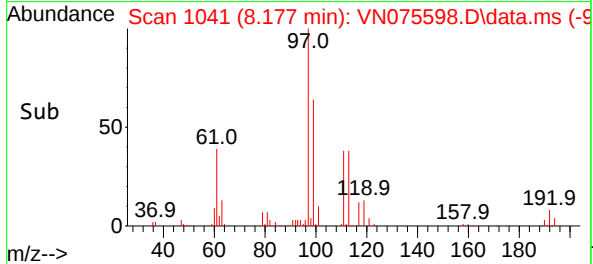
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



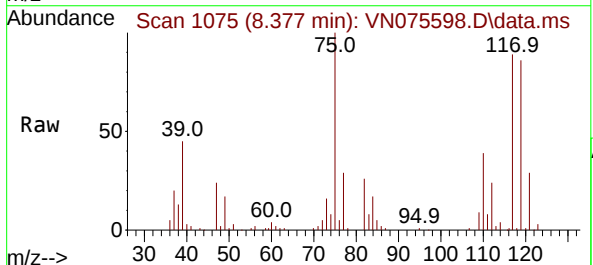
Tgt Ion: 113 Resp: 5723
Ion Ratio Lower Upper
113 100
111 101.6 80.5 120.7
192 19.9 13.2 19.8

Manual Integrations
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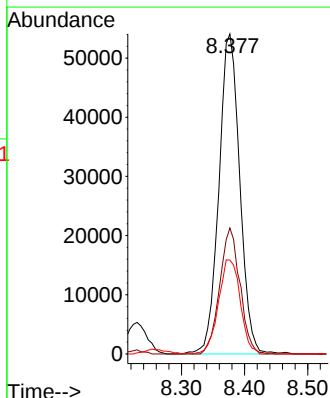
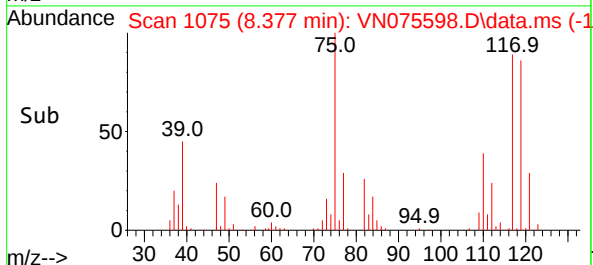
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

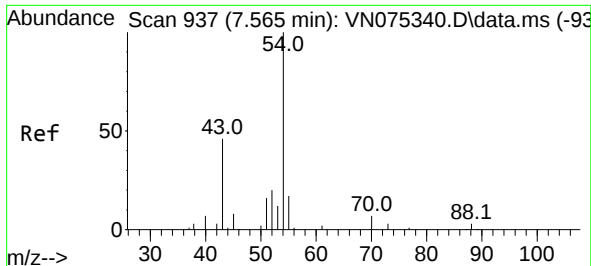


#36
1,1-Dichloropropene
Concen: 54.582 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00



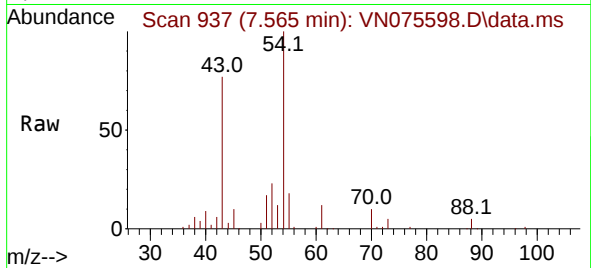
Tgt Ion: 75 Resp: 124115
Ion Ratio Lower Upper
75 100
110 38.1 17.8 53.3
77 30.8 24.6 37.0





#37
Ethyl Acetate
Concen: 55.052 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

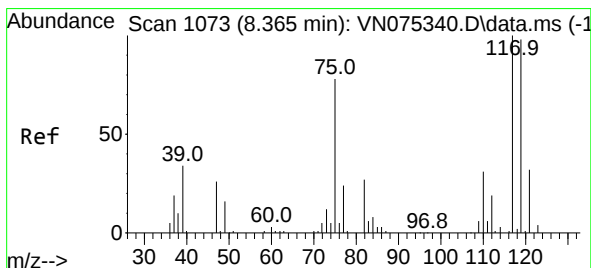
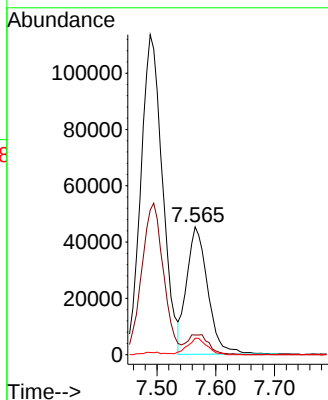
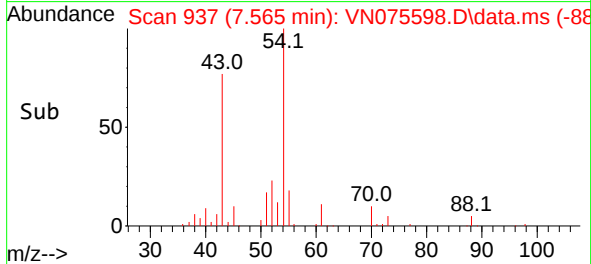
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 112720
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.4
70 11.9 9.4 14.2

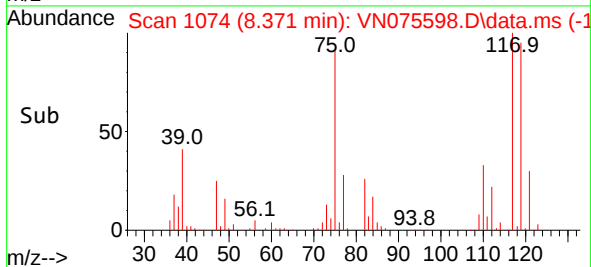
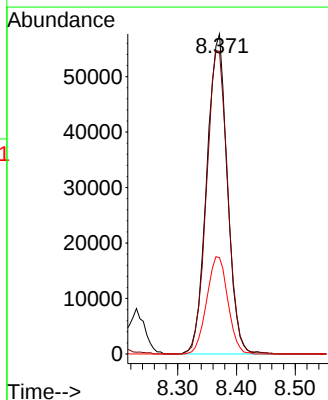
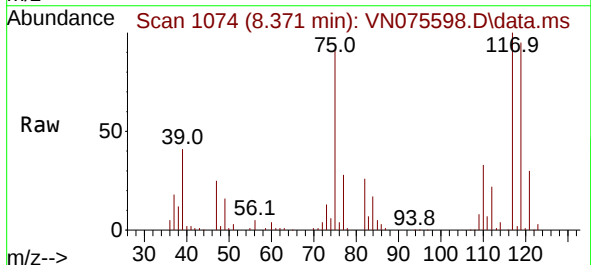
Manual Integrations
APPROVED

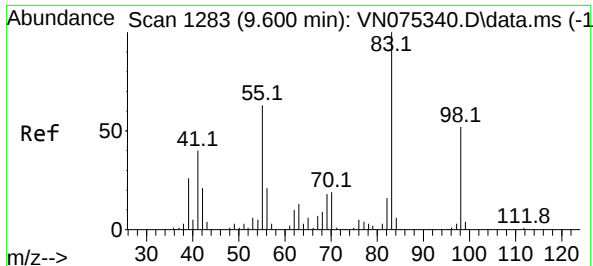
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#38
Carbon Tetrachloride
Concen: 55.902 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Tgt Ion:117 Resp: 139641
Ion Ratio Lower Upper
117 100
119 94.6 76.7 115.1
121 30.1 23.9 35.9





#39

Methylcyclohexane

Concen: 55.818 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 15885

Ion Ratio Lower Upper

83 100

55 65.8 53.6 80.4

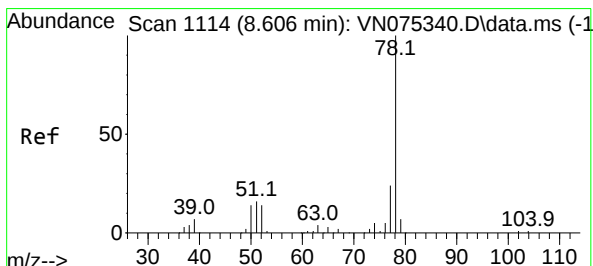
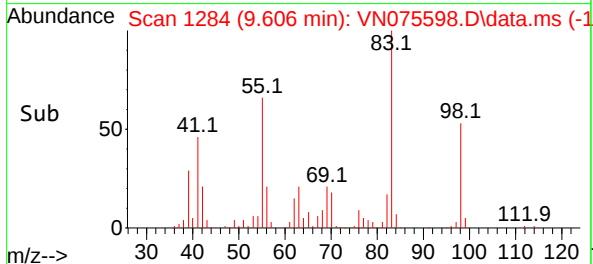
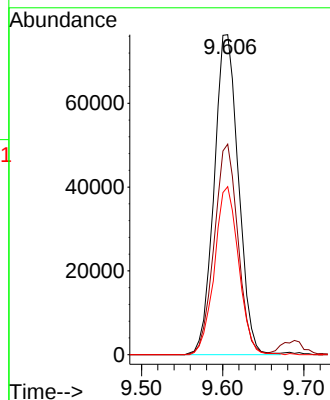
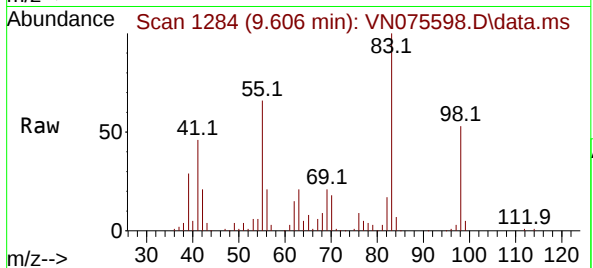
98 52.5 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#40

Benzene

Concen: 55.513 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075598.D

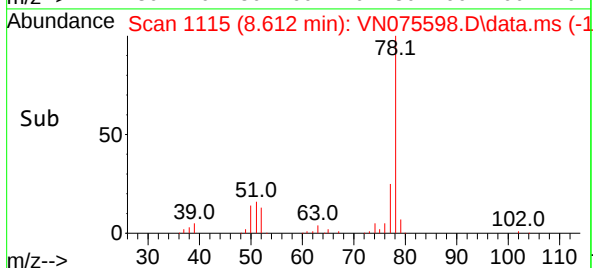
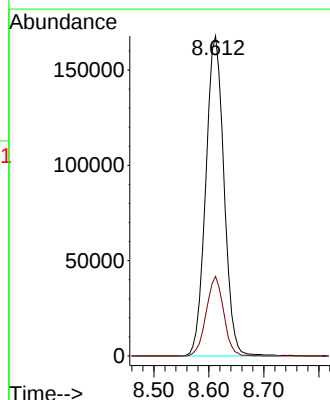
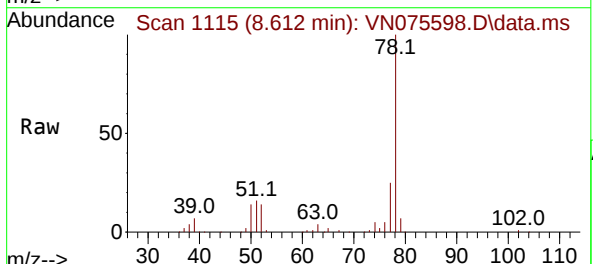
Acq: 07 Dec 2022 10:00

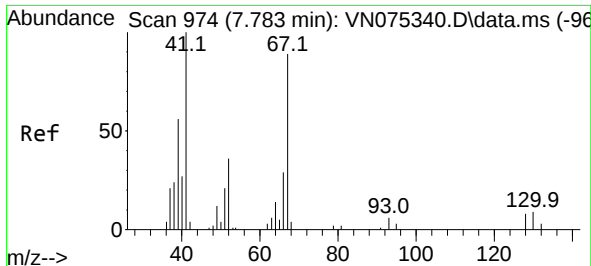
Tgt Ion: 78 Resp: 386490

Ion Ratio Lower Upper

78 100

77 24.9 19.4 29.0





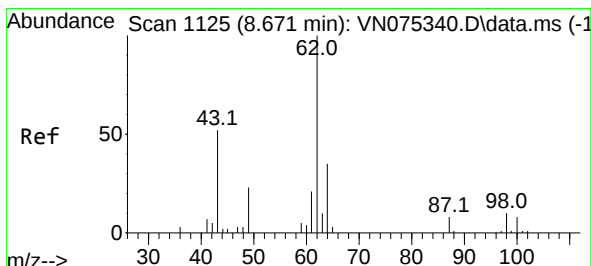
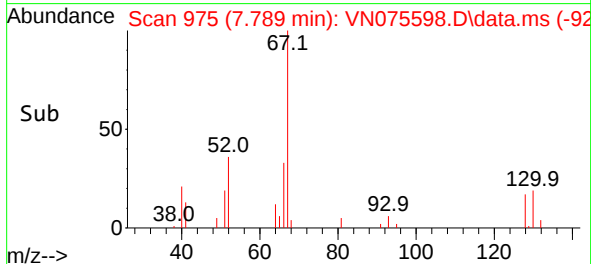
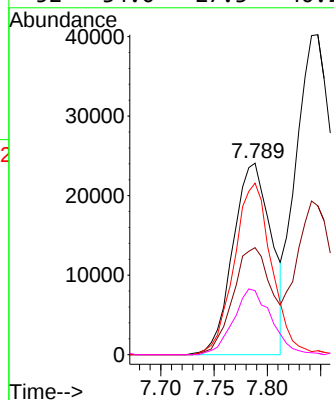
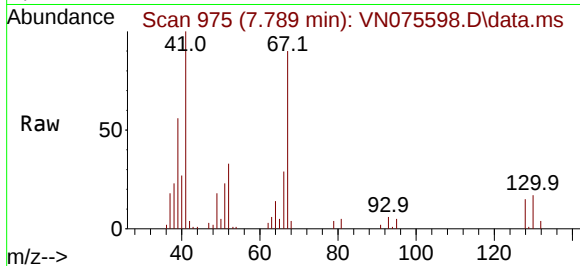
#41
Methacrylonitrile
Concen: 57.797 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 60502
Ion Ratio Lower Upper
41 100
39 56.1 44.4 66.6
67 87.8 69.8 104.6
52 34.0 27.3 40.9

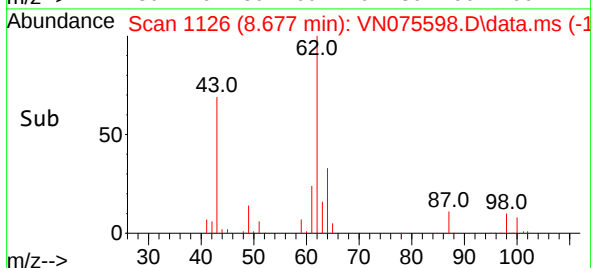
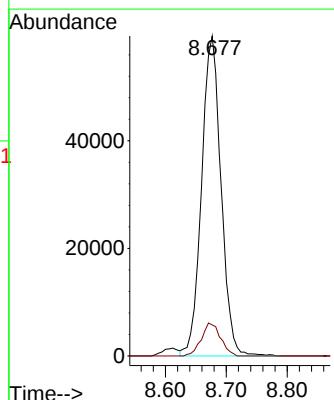
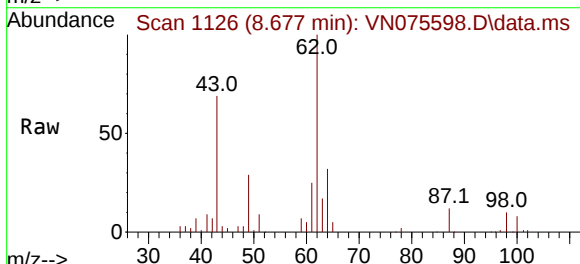
Manual Integrations
APPROVED

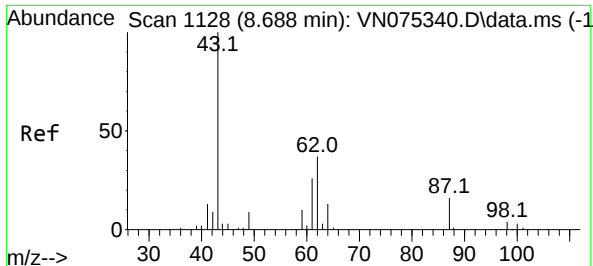
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#42
1,2-Dichloroethane
Concen: 56.641 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Tgt Ion: 62 Resp: 132070
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.2





#43

Isopropyl Acetate

Concen: 57.708 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

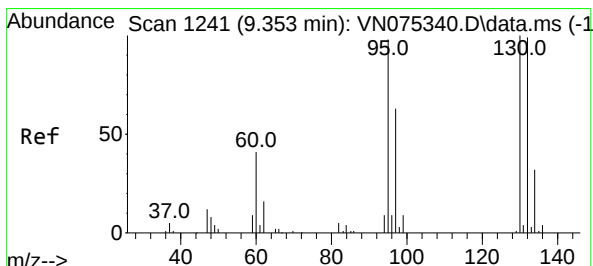
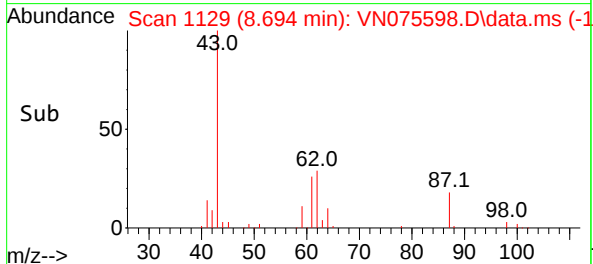
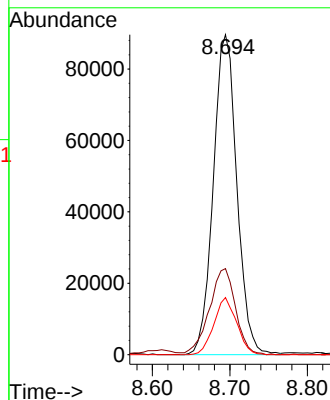
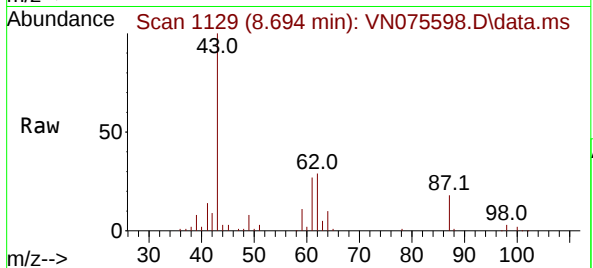
Tgt Ion: 43	Resp: 189660
Ion Ratio	Lower Upper
43 100	
61 29.9	22.4 33.6
87 17.2	12.5 18.7

Manual Integrations

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Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#44

Trichloroethene

Concen: 56.106 ug/l

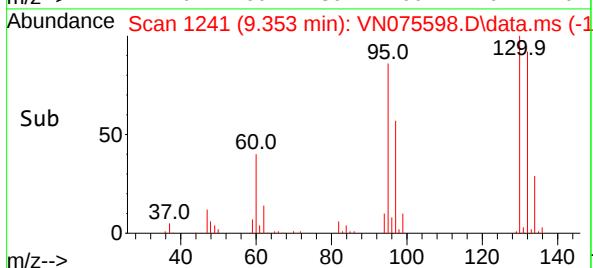
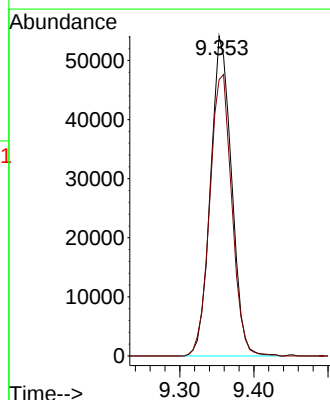
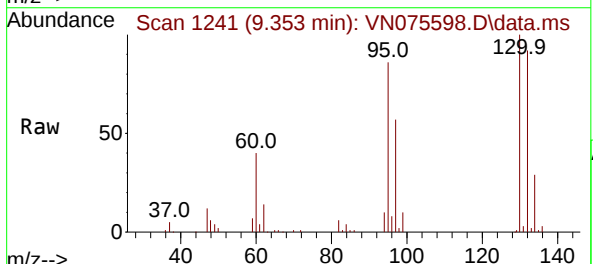
RT: 9.353 min Scan# 1241

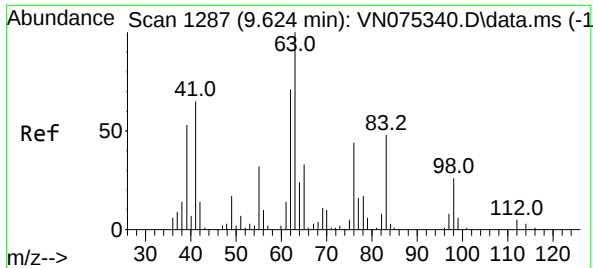
Delta R.T. 0.000 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

Tgt Ion:130	Resp: 106882
Ion Ratio	Lower Upper
130 100	
95 86.3	0.0 198.4





#45

1,2-Dichloropropane

Concen: 56.930 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 94454

Ion Ratio Lower Upper

63 100

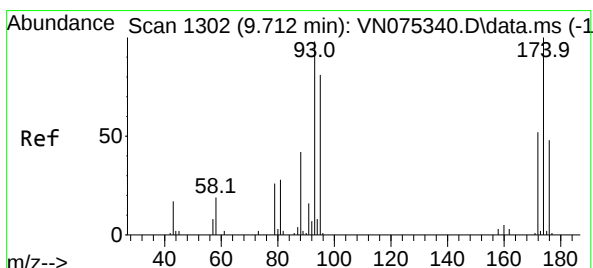
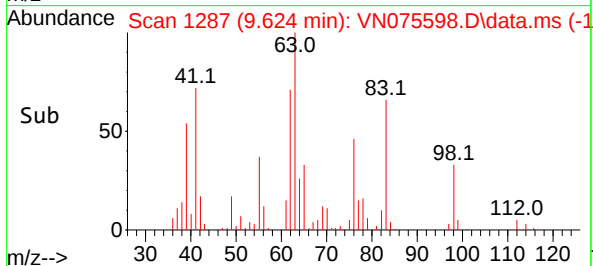
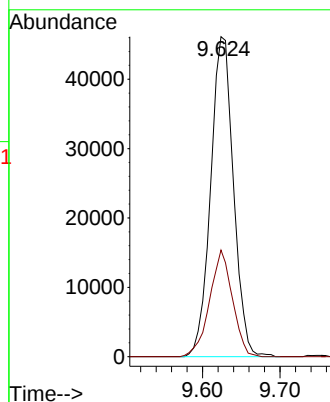
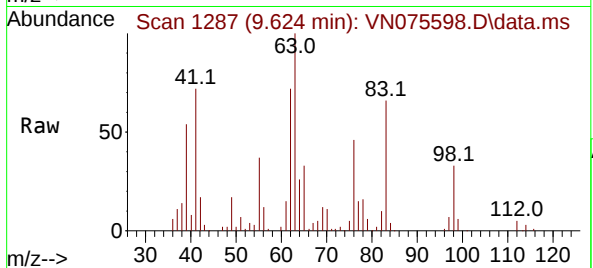
65 33.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#46

Dibromomethane

Concen: 58.030 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

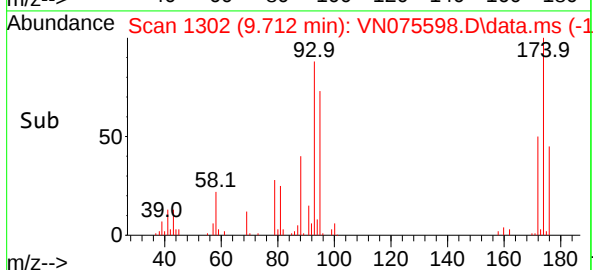
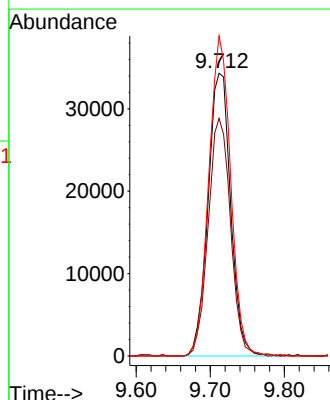
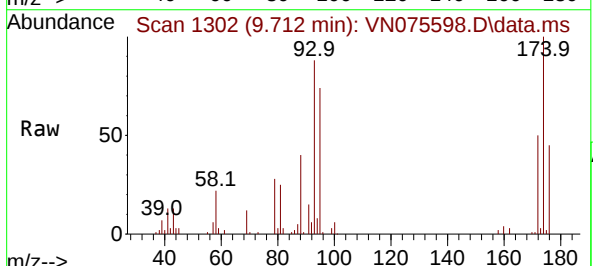
Tgt Ion: 93 Resp: 72823

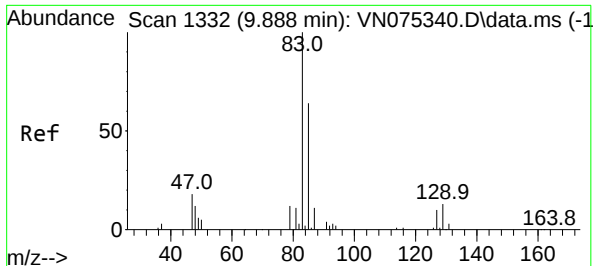
Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

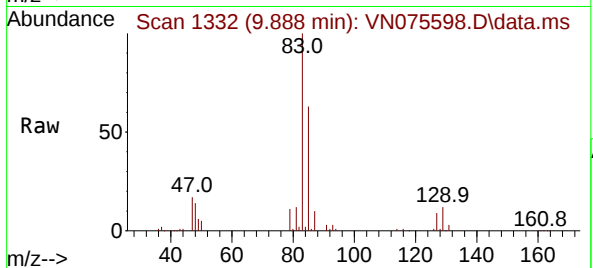
174 109.7 70.3 105.5#





#47
Bromodichloromethane
Concen: 59.436 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

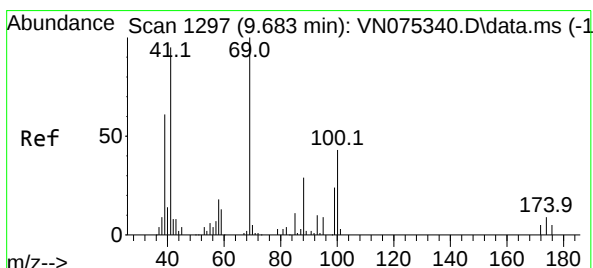
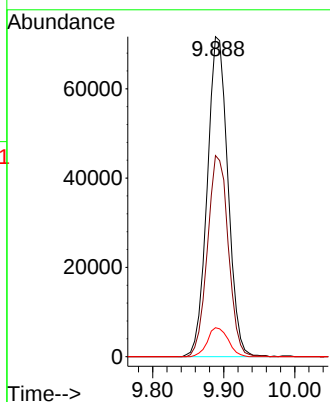
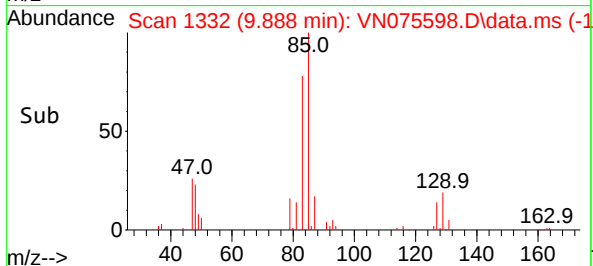
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 144440
Ion Ratio Lower Upper
83 100
85 62.9 52.1 78.1
127 9.1 6.6 10.0

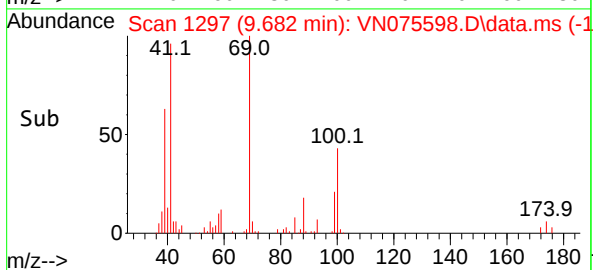
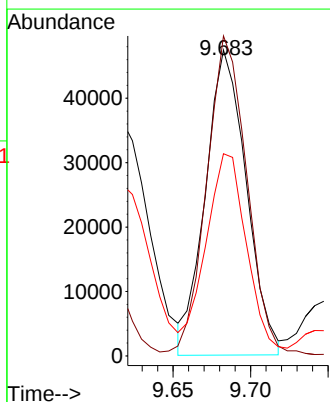
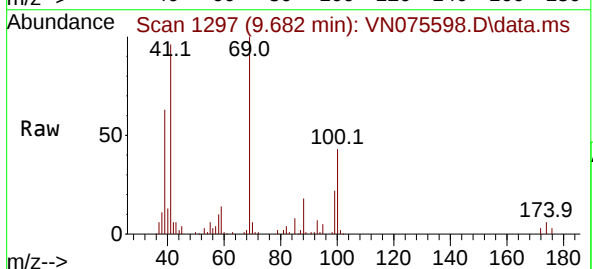
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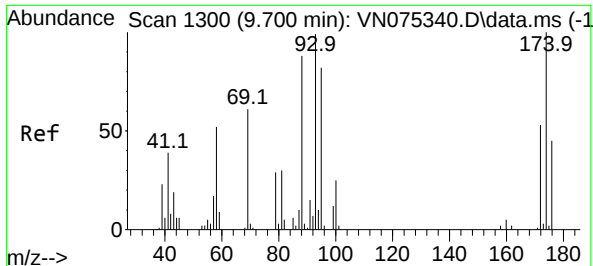
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#48
Methyl methacrylate
Concen: 57.135 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Tgt Ion: 41 Resp: 86827
Ion Ratio Lower Upper
41 100
69 103.0 80.2 120.2
39 67.3 56.2 84.2





#49

1,4-Dioxane

Concen: 1048.530 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 45240

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

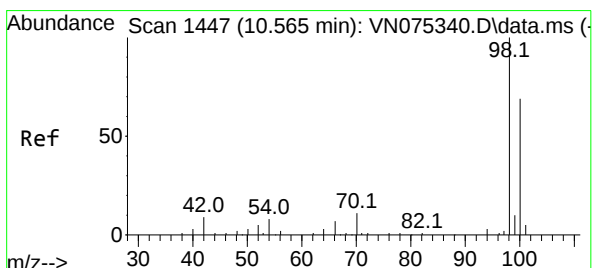
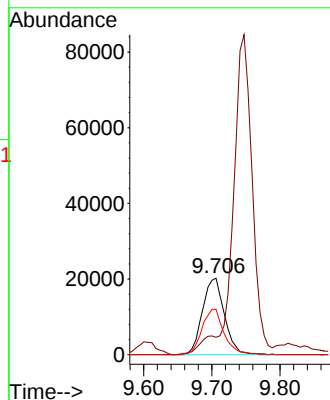
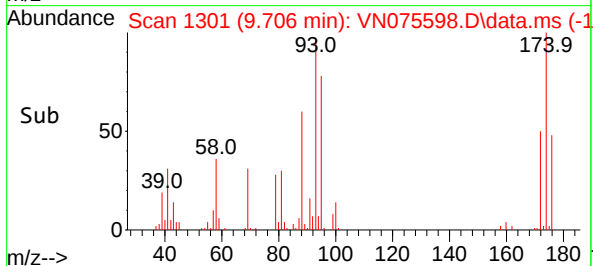
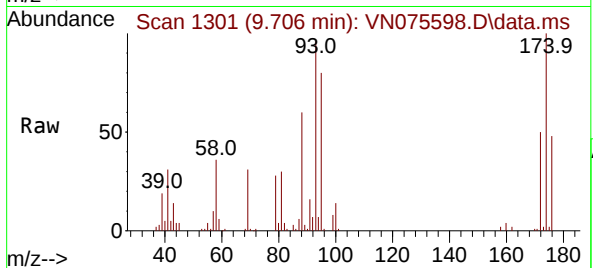
58 59.5 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#50

Toluene-d8

Concen: 52.095 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075598.D

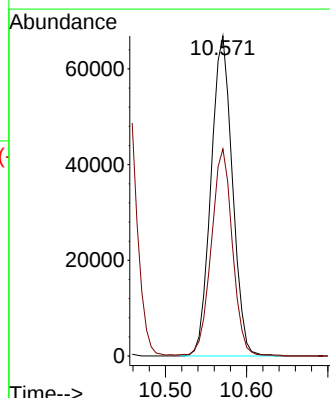
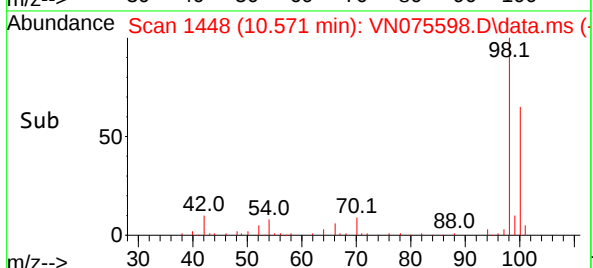
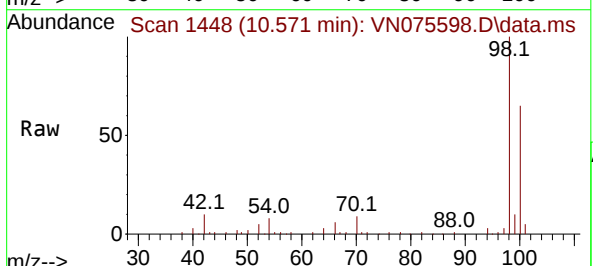
Acq: 07 Dec 2022 10:00

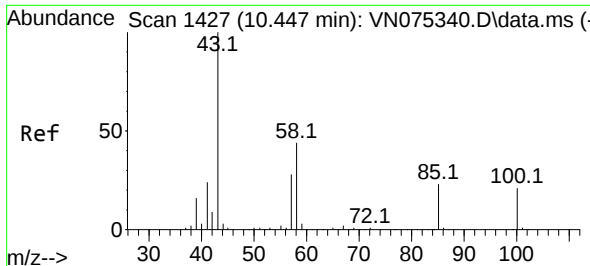
Tgt Ion: 98 Resp: 122346

Ion Ratio Lower Upper

98 100

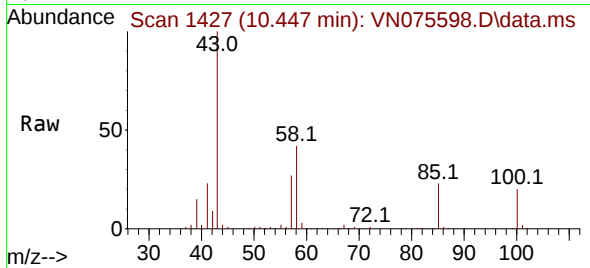
100 64.0 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 283.445 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

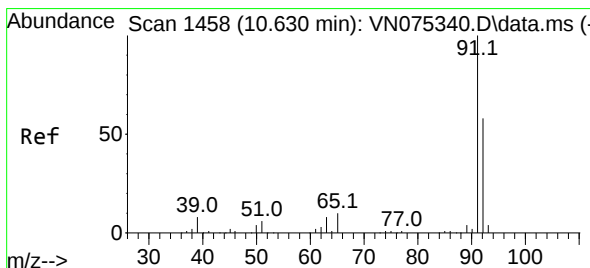
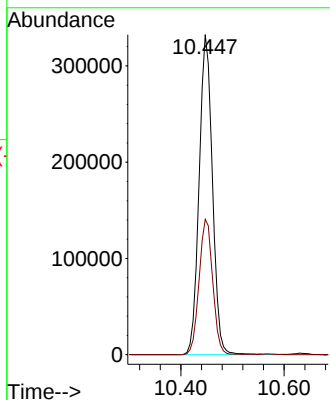
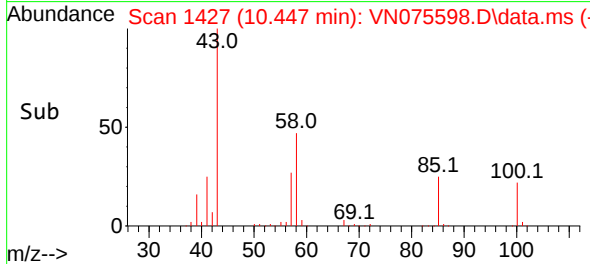
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 59332
Ion Ratio Lower Upper
43 100
58 43.5 33.6 50.4

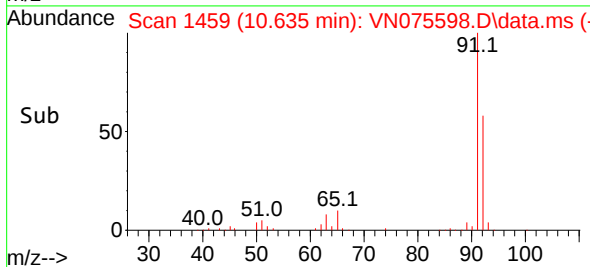
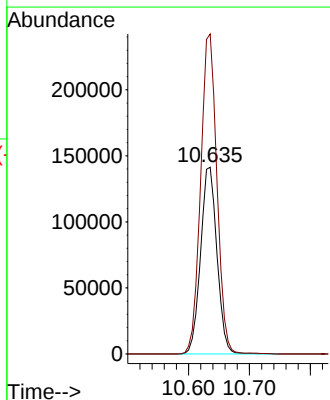
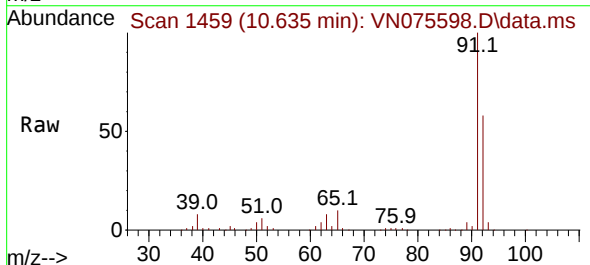
Manual Integrations
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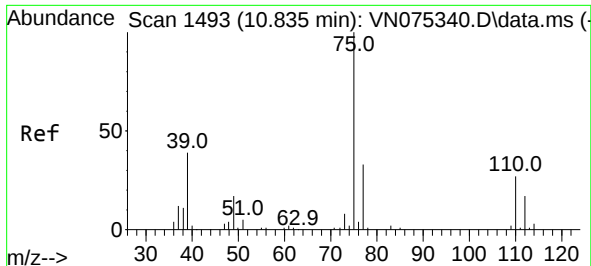
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#52
Toluene
Concen: 58.912 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

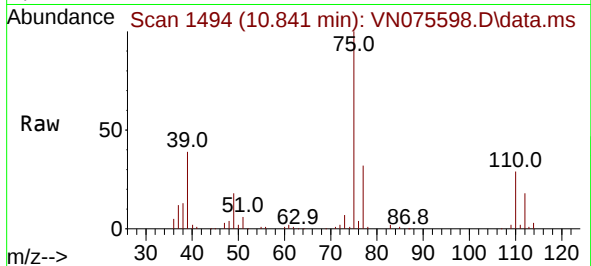
Tgt Ion: 92 Resp: 264308
Ion Ratio Lower Upper
92 100
91 170.1 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 61.669 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

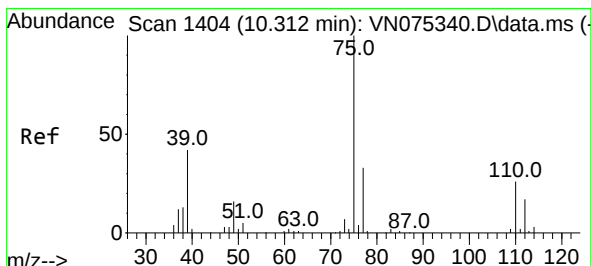
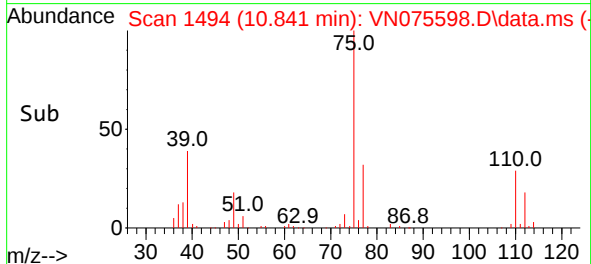
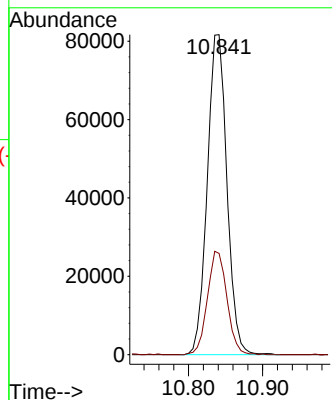
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 150456
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

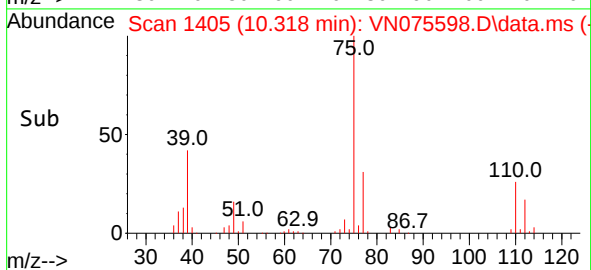
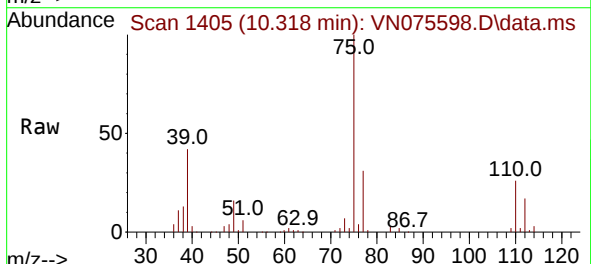
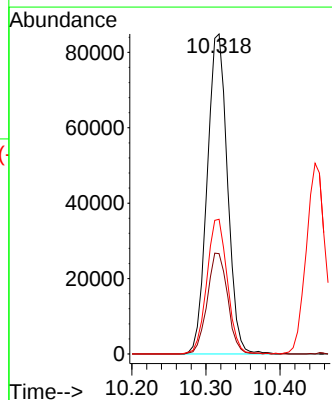
Manual Integrations
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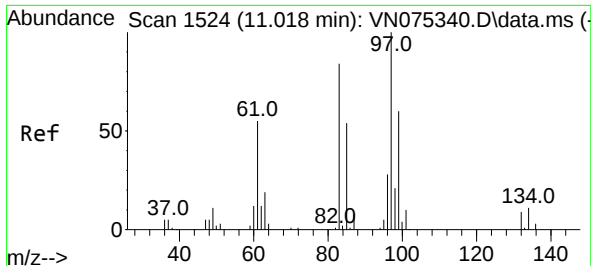
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#54
cis-1,3-Dichloropropene
Concen: 60.805 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

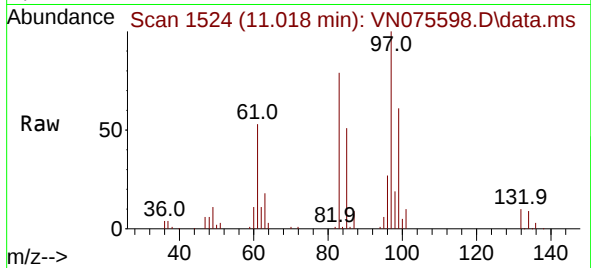
Tgt Ion: 75 Resp: 161119
Ion Ratio Lower Upper
75 100
77 31.4 23.7 35.5
39 42.1 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 59.250 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

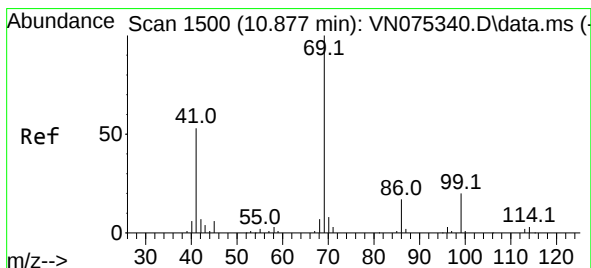
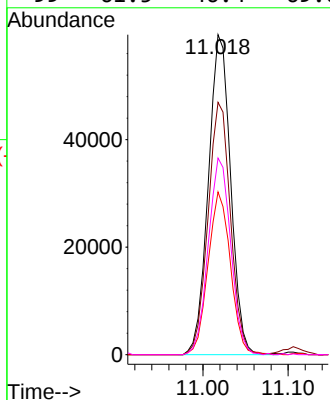
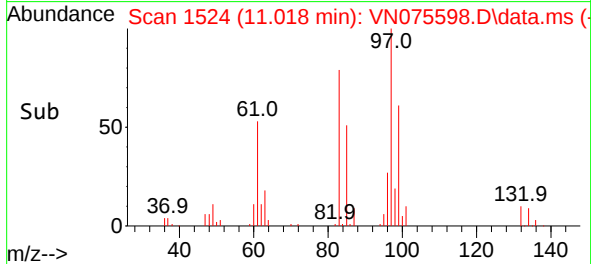


Tgt Ion: 97 Resp: 108268

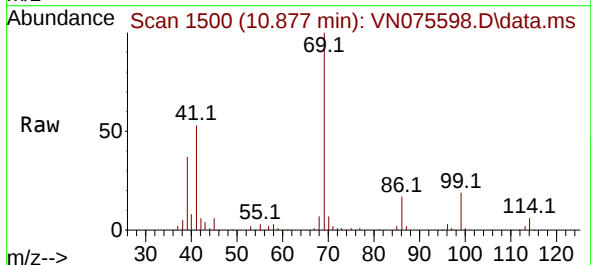
Ion	Ratio	Lower	Upper
97	100		
83	78.9	65.9	98.9
85	50.8	40.4	60.6
99	61.5	46.4	69.6

Manual Integrations
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Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

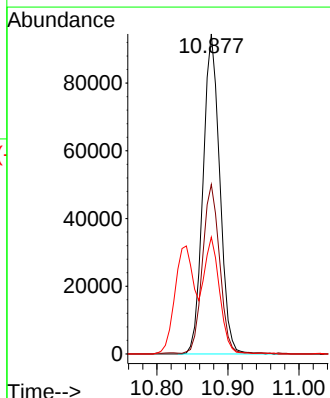
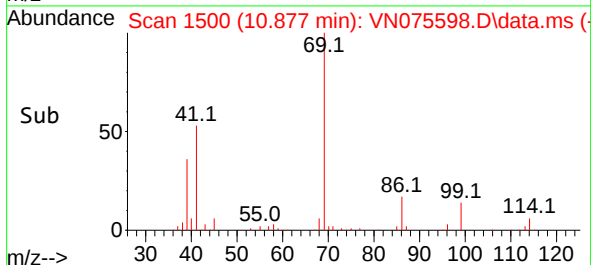


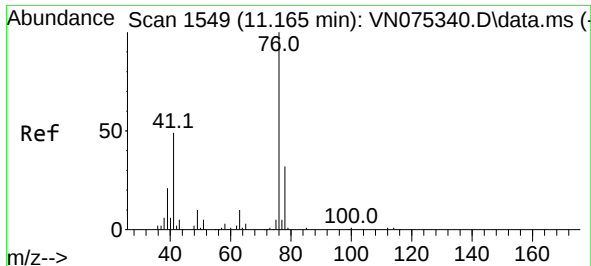
#56
Ethyl methacrylate
Concen: 62.765 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00



Tgt Ion: 69 Resp: 154887

Ion	Ratio	Lower	Upper
69	100		
41	53.6	45.6	68.4
39	33.6	28.5	42.7





#57

1,3-Dichloropropane

Concen: 58.225 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 173480

Ion Ratio Lower Upper

76 100

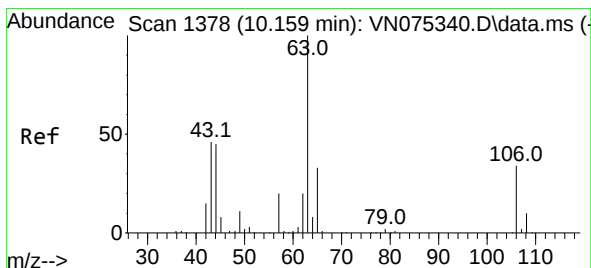
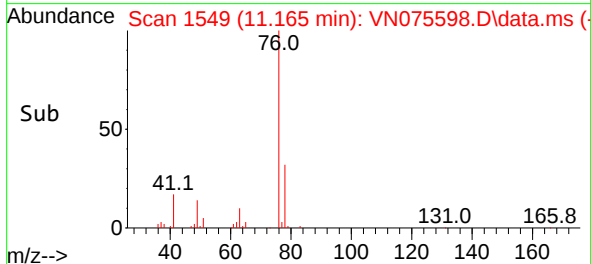
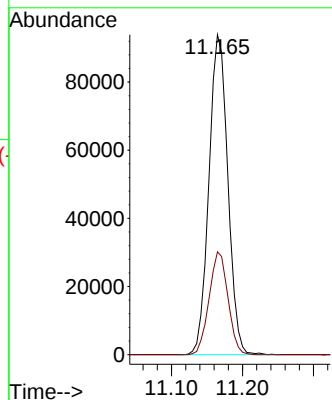
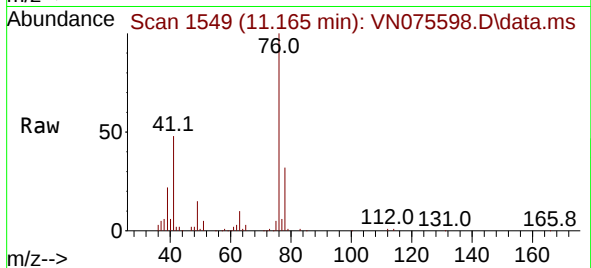
78 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 284.757 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075598.D

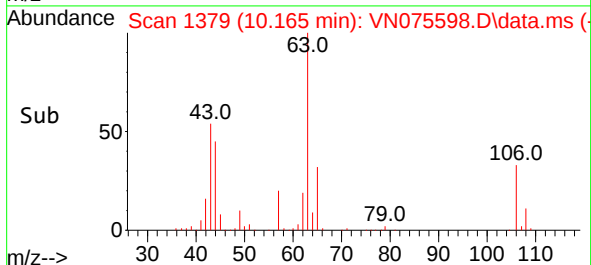
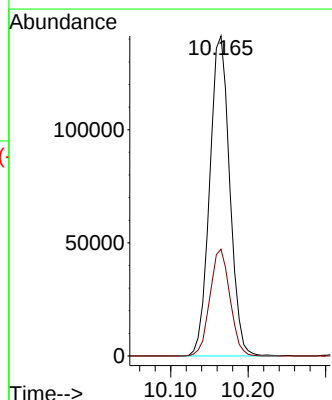
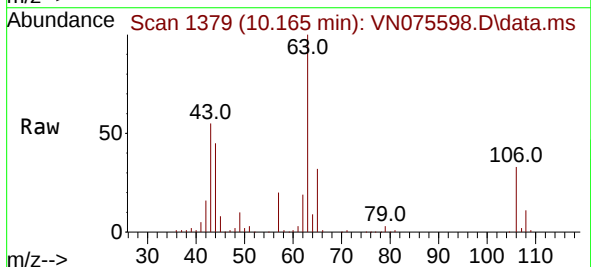
Acq: 07 Dec 2022 10:00

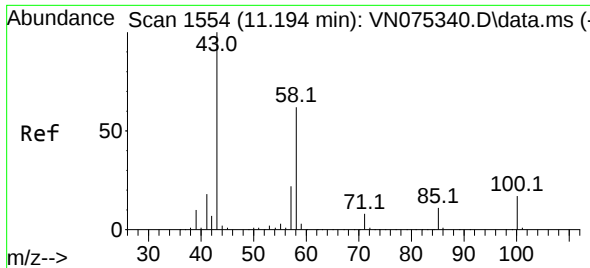
Tgt Ion: 63 Resp: 253434

Ion Ratio Lower Upper

63 100

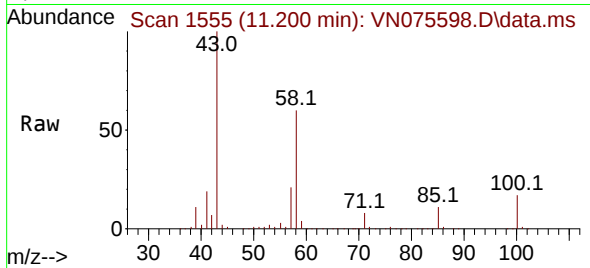
106 33.4 24.8 37.2





#59
2-Hexanone
Concen: 283.171 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

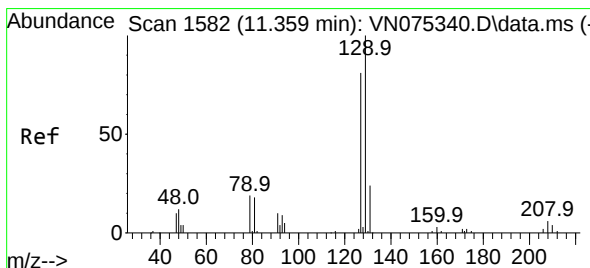
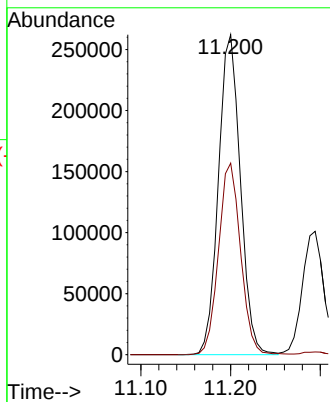
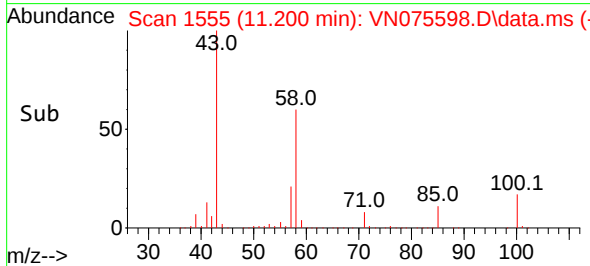
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 445098
Ion Ratio Lower Upper
43 100
58 60.1 29.6 88.8

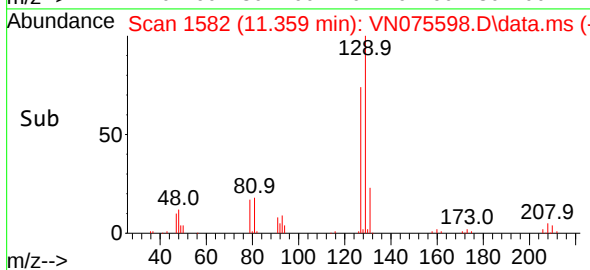
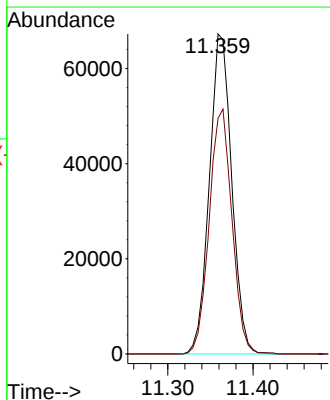
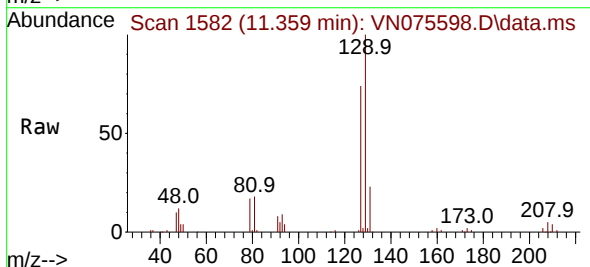
Manual Integrations
APPROVED

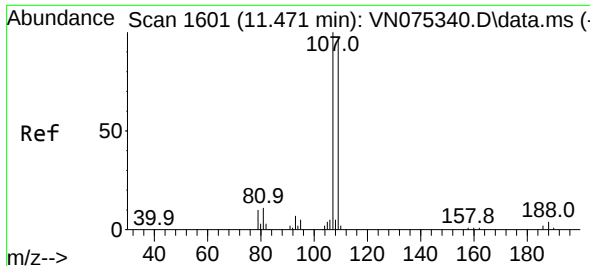
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#60
Dibromochloromethane
Concen: 65.564 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

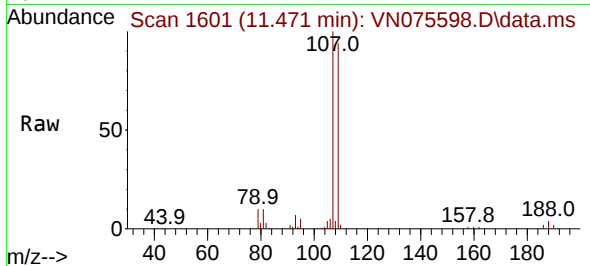
Tgt Ion:129 Resp: 122973
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 58.641 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

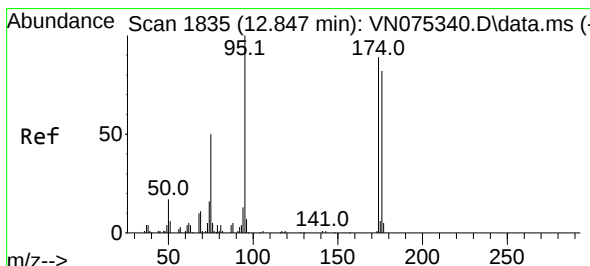
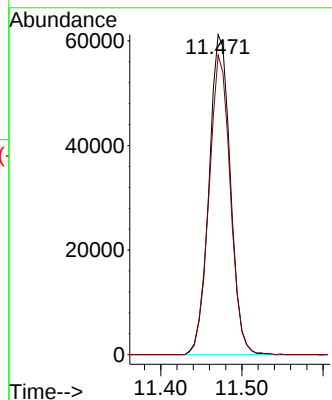
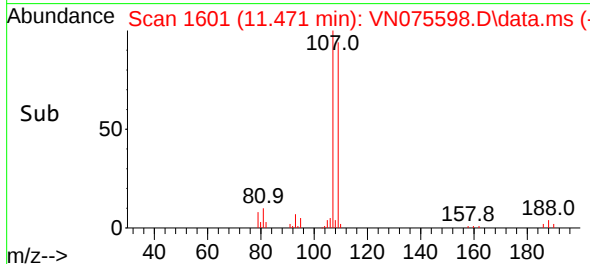
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



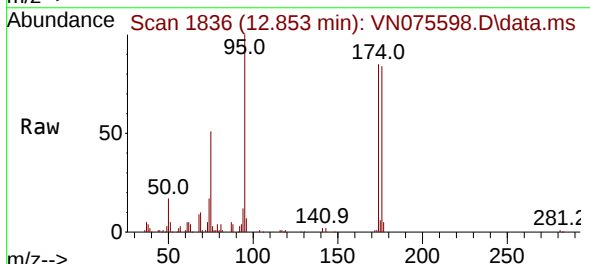
Tgt Ion:107 Resp: 111219
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4

Manual Integrations
APPROVED

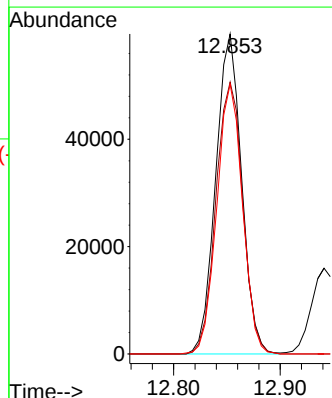
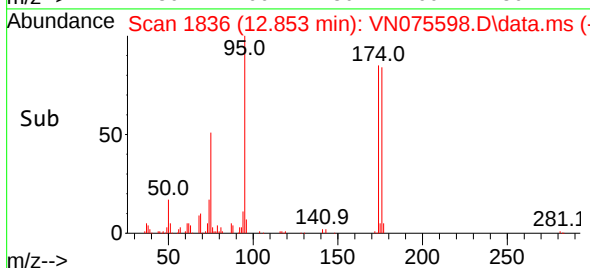
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

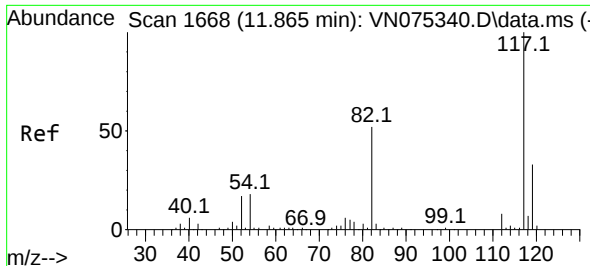


#62
4-Bromofluorobenzene
Concen: 57.916 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00



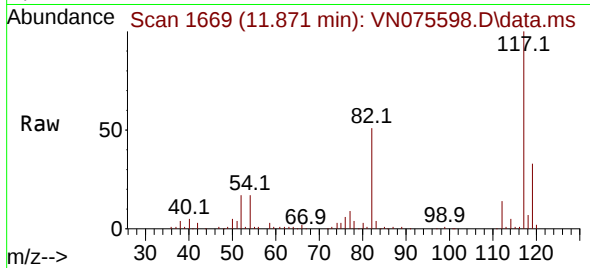
Tgt Ion: 95 Resp: 100394
Ion Ratio Lower Upper
95 100
174 88.1 0.0 147.4
176 83.9 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

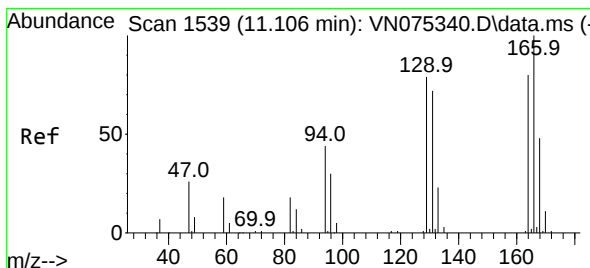
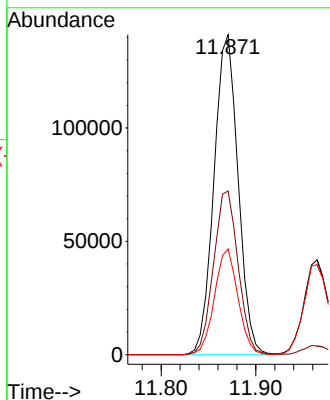
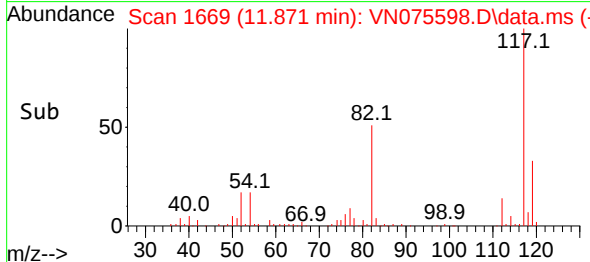
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 250184
Ion Ratio Lower Upper
117 100
82 51.2 43.1 64.7
119 33.0 25.5 38.3

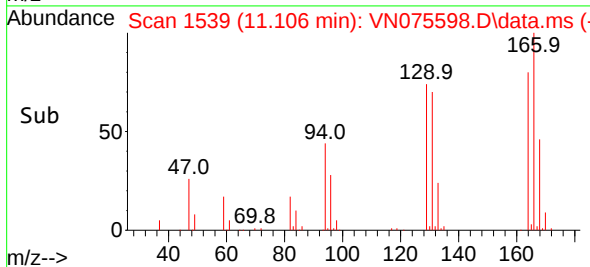
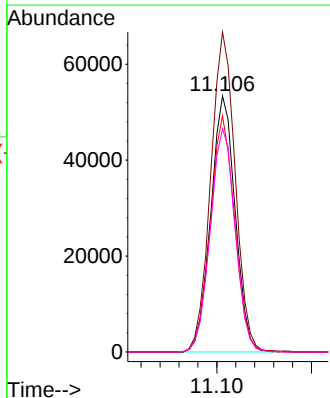
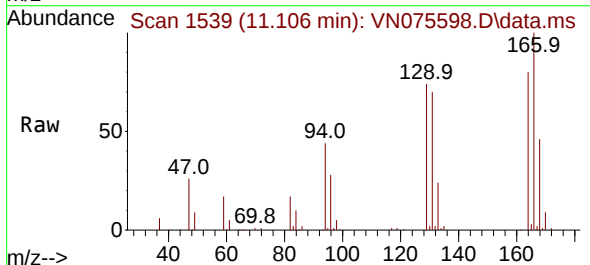
Manual Integrations
APPROVED

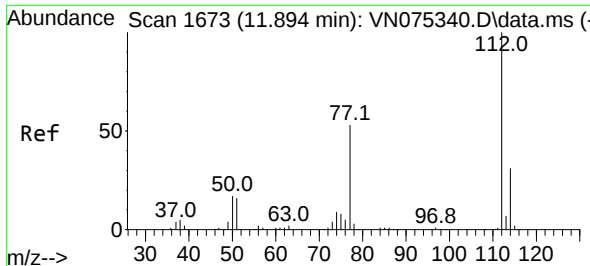
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#64
Tetrachloroethene
Concen: 49.975 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

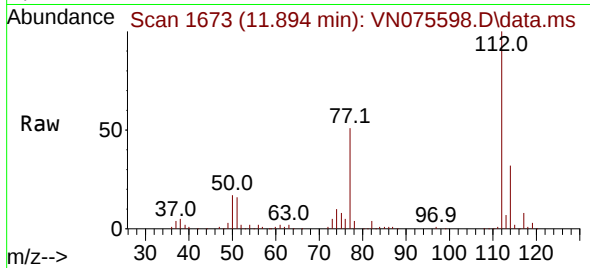
Tgt Ion:164 Resp: 95480
Ion Ratio Lower Upper
164 100
166 125.0 106.5 159.7
129 92.3 81.9 122.9
131 87.1 81.4 122.2





#65
Chlorobenzene
Concen: 56.057 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

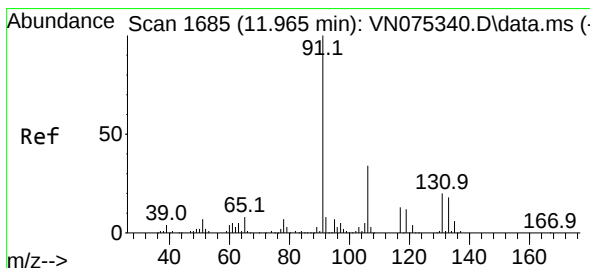
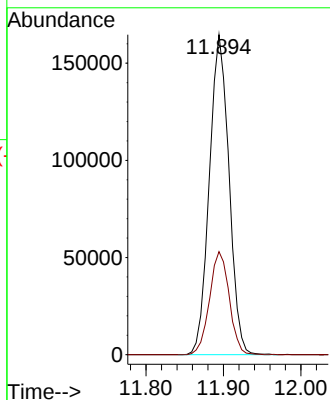
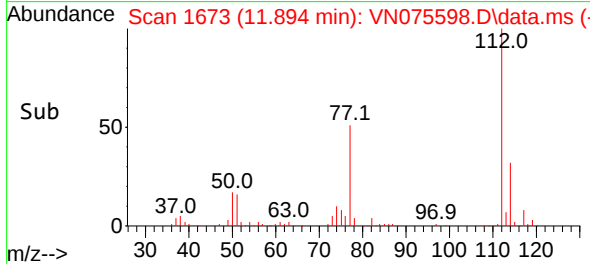
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



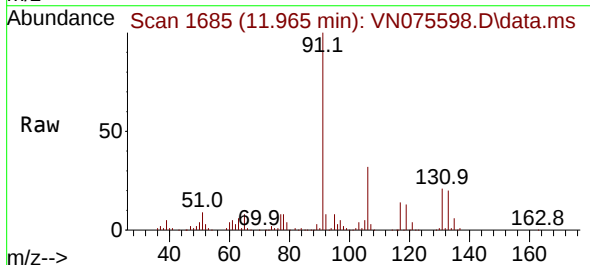
Tgt Ion:112 Resp: 28963
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

Manual Integrations
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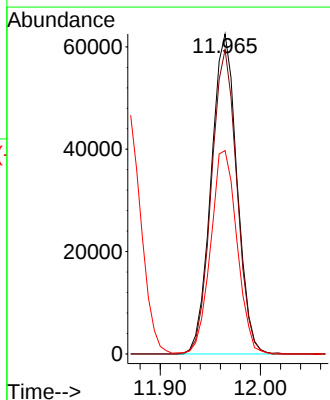
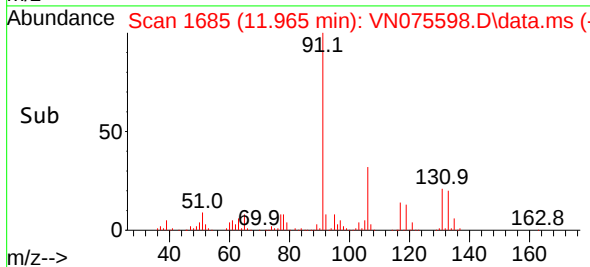
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

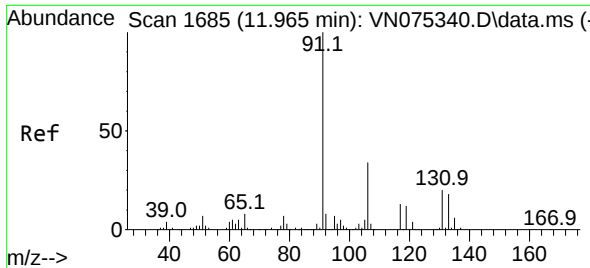


#66
1,1,1,2-Tetrachloroethane
Concen: 57.853 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00



Tgt Ion:131 Resp: 111559
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.4
119 64.8 33.0 99.0





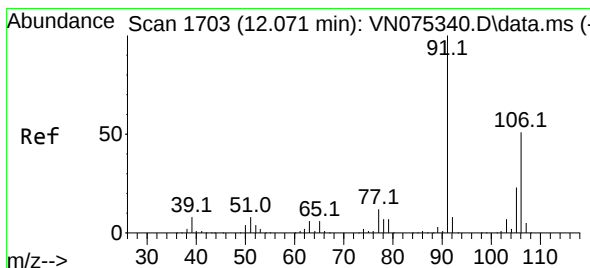
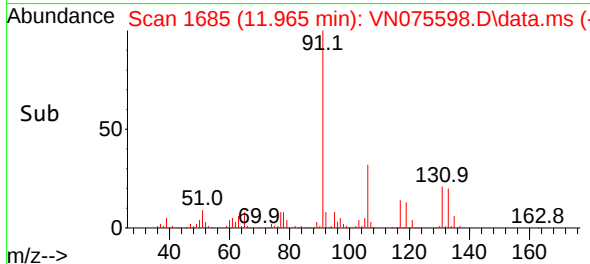
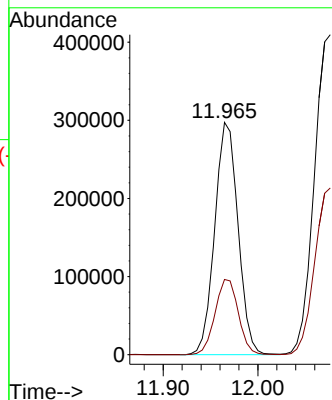
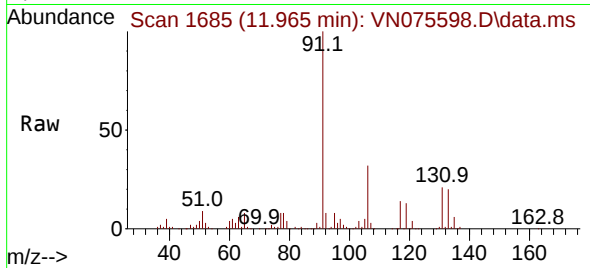
#67
Ethyl Benzene
Concen: 57.724 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 50882
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

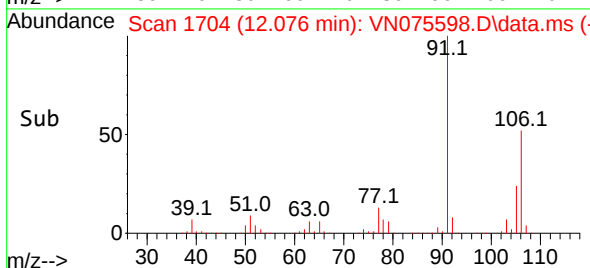
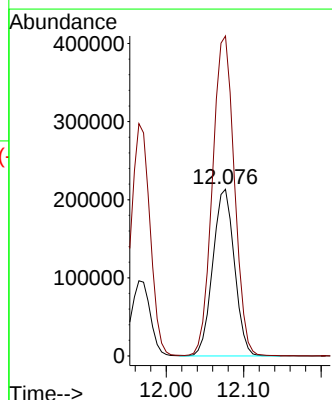
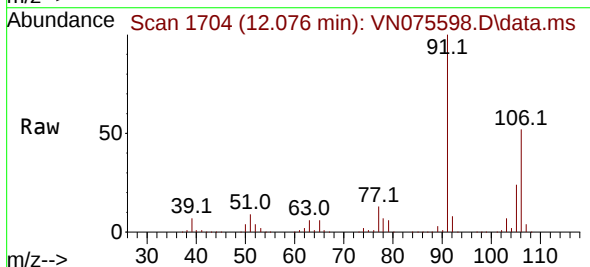
Manual Integrations
APPROVED

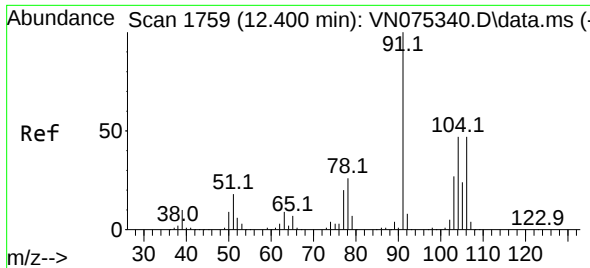
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#68
m/p-Xylenes
Concen: 115.862 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

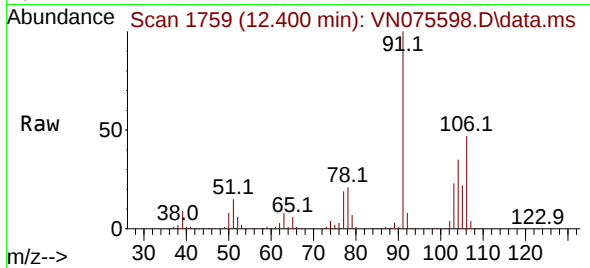
Tgt Ion:106 Resp: 414736
Ion Ratio Lower Upper
106 100
91 194.5 156.0 234.0





#69
o-Xylene
Concen: 57.271 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

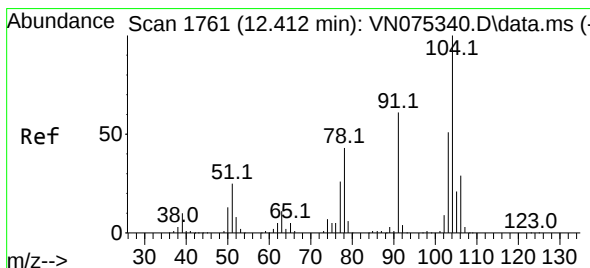
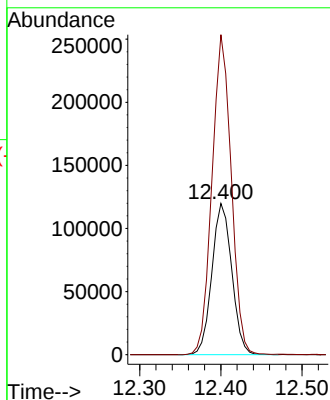
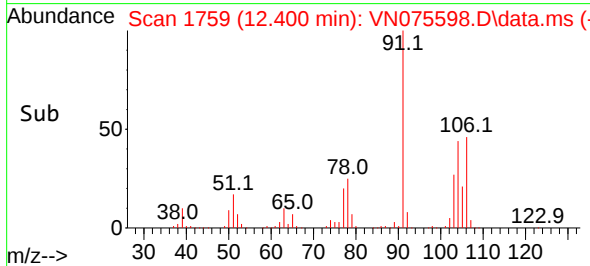
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 203680
Ion Ratio Lower Upper
106 100
91 205.3 105.2 315.5

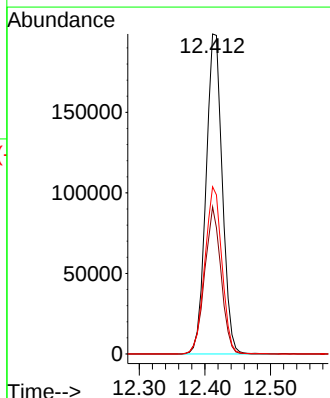
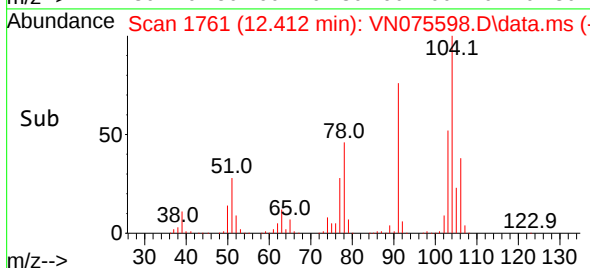
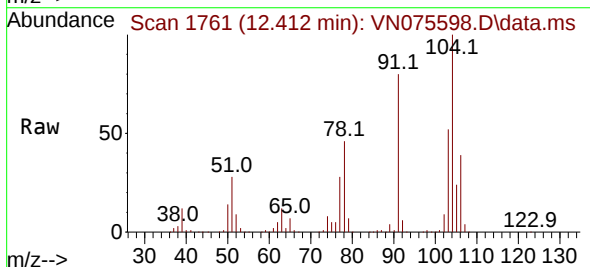
Manual Integrations
APPROVED

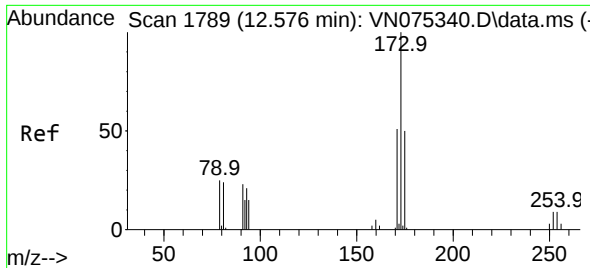
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#70
Styrene
Concen: 60.987 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

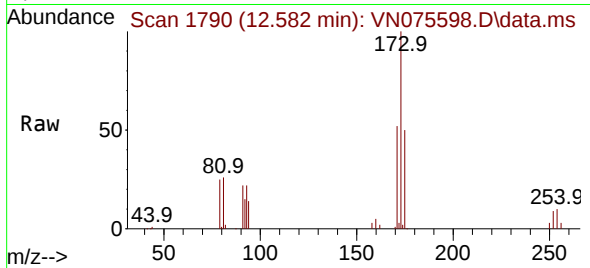
Tgt Ion:104 Resp: 342168
Ion Ratio Lower Upper
104 100
78 46.3 38.1 57.1
103 54.9 44.6 66.8





#71
Bromoform
Concen: 63.227 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

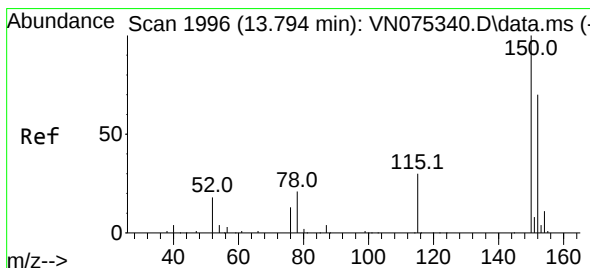
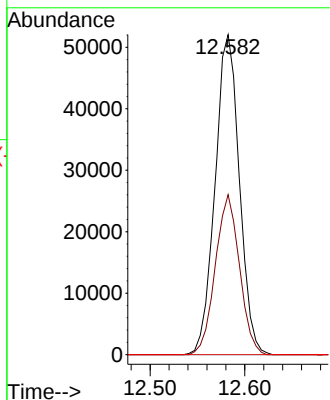
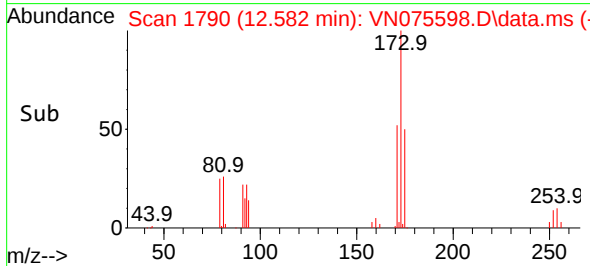
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



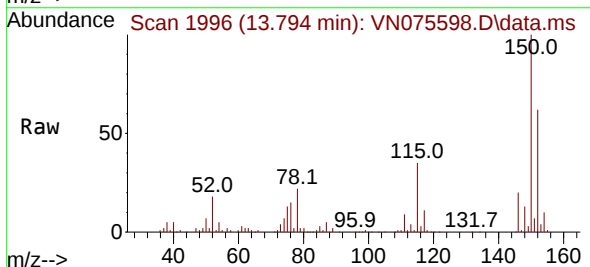
Tgt Ion:173 Resp: 92794
Ion Ratio Lower Upper
173 100
175 49.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

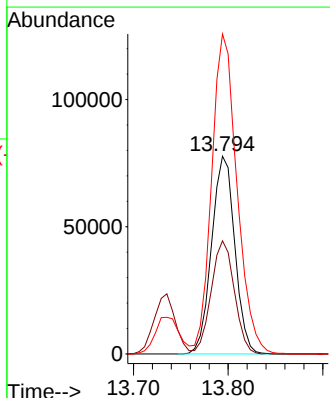
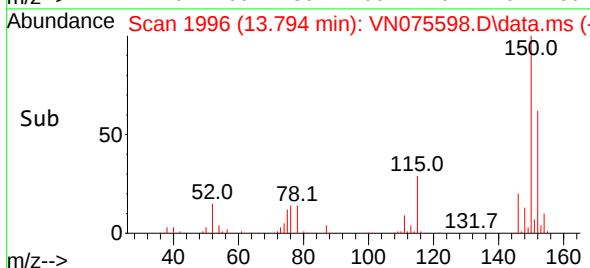
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

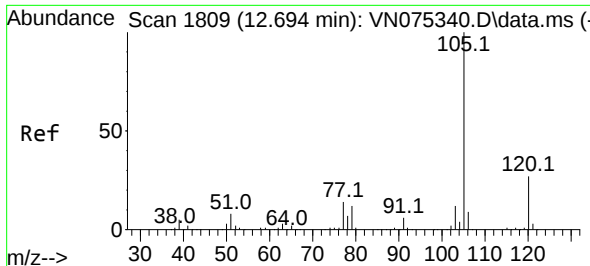


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00



Tgt Ion:152 Resp: 132179
Ion Ratio Lower Upper
152 100
115 57.4 30.2 90.6
150 177.0 0.0 348.4





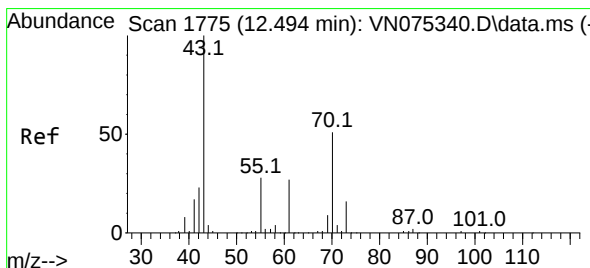
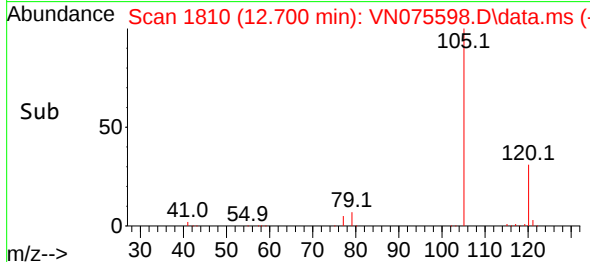
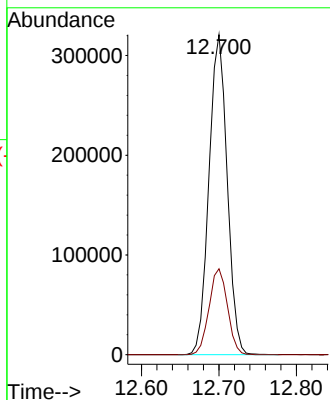
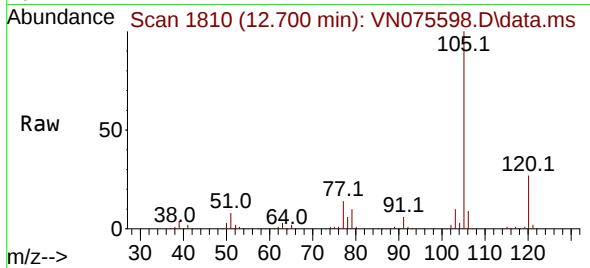
#73
Isopropylbenzene
Concen: 54.197 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 52337
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

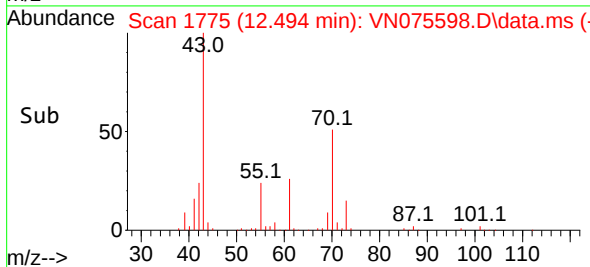
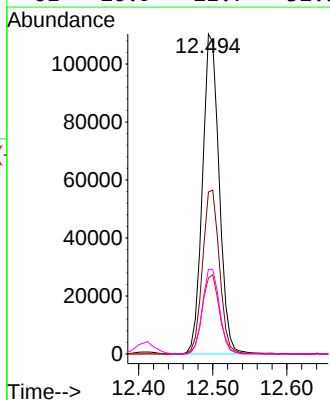
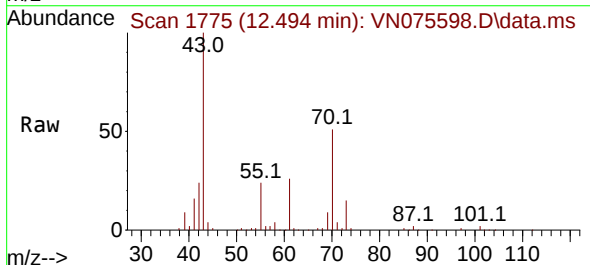
Manual Integrations
APPROVED

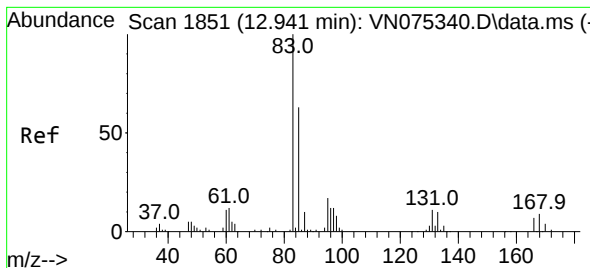
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#74
N-ethyl acetate
Concen: 58.304 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

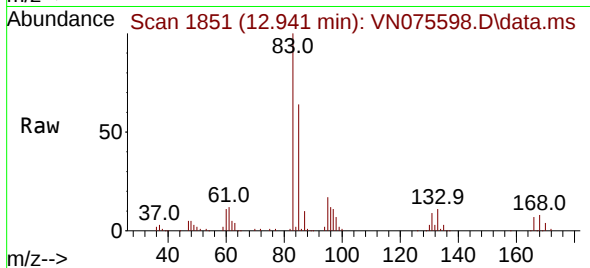
Tgt Ion: 43 Resp: 173096
Ion Ratio Lower Upper
43 100
70 51.7 39.8 59.8
55 25.5 19.9 29.9
61 26.9 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 54.313 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

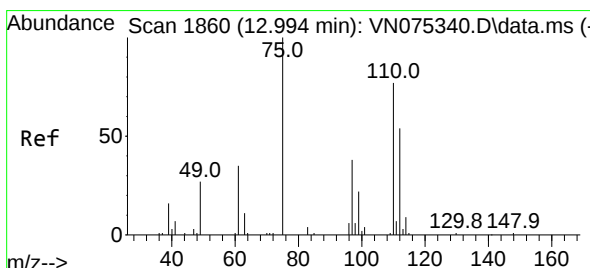
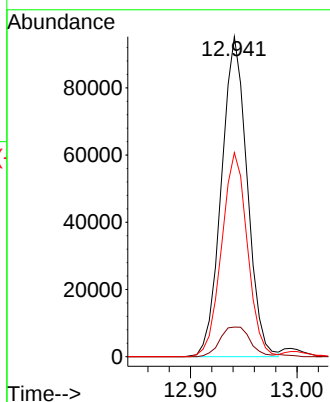
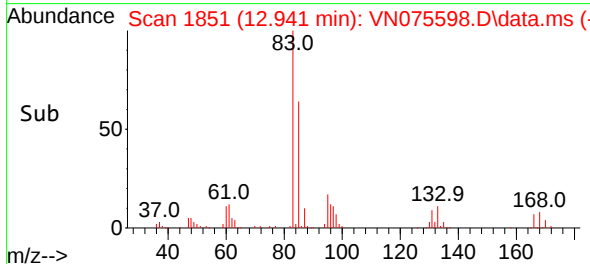
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 159908
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 63.7 31.6 94.7

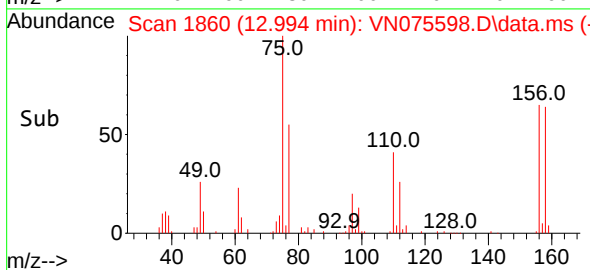
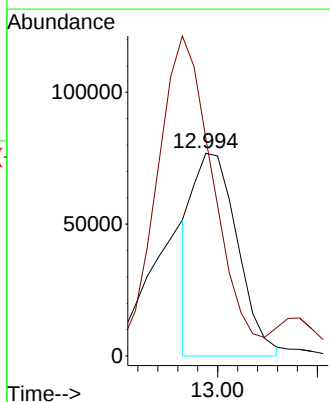
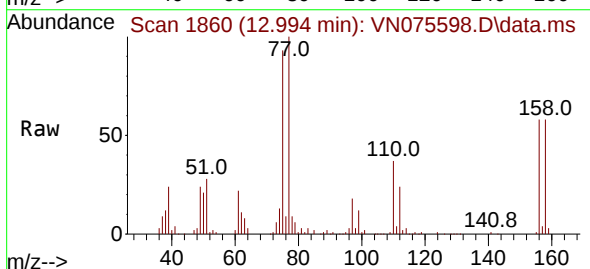
Manual Integrations
APPROVED

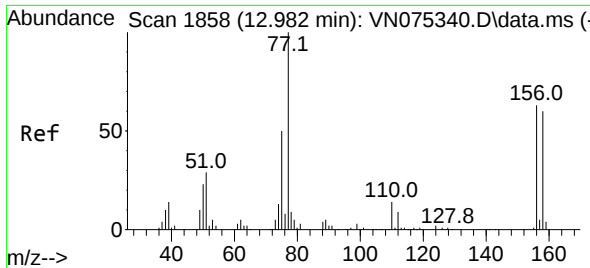
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#76
1,2,3-Trichloropropane
Concen: 48.025 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

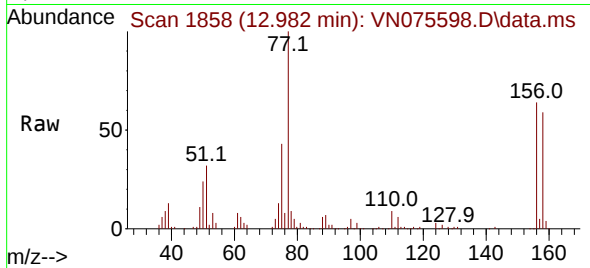
Tgt Ion: 75 Resp: 120021
Ion Ratio Lower Upper
75 100
77 200.1 75.6 226.8





#77
Bromobenzene
Concen: 55.698 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

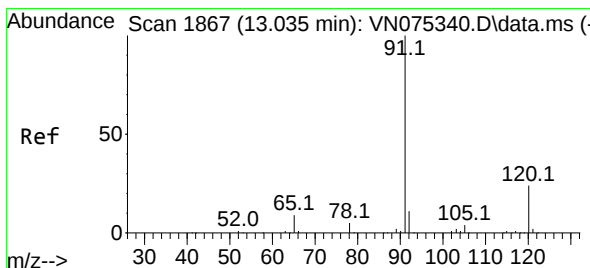
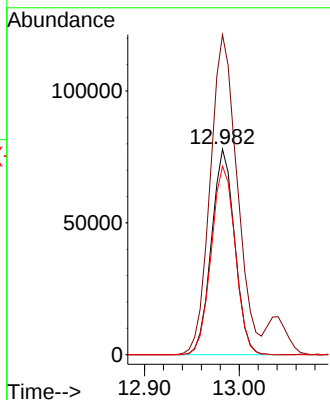
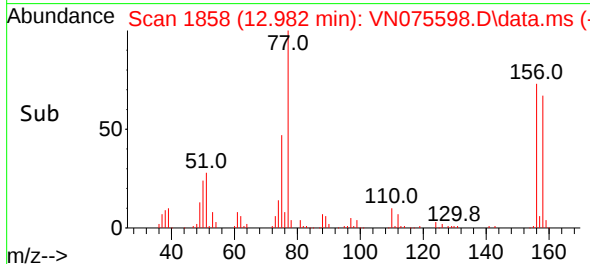
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



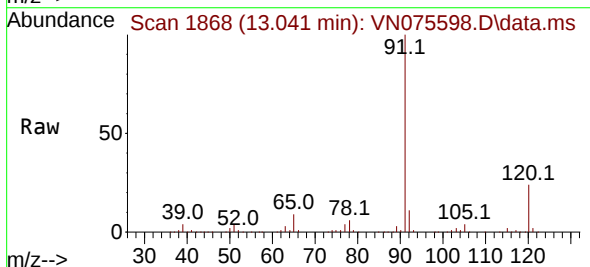
Tgt Ion:156 Resp: 132789
Ion Ratio Lower Upper
156 100
77 180.9 108.5 325.5
158 94.4 47.7 143.1

Manual Integrations
APPROVED

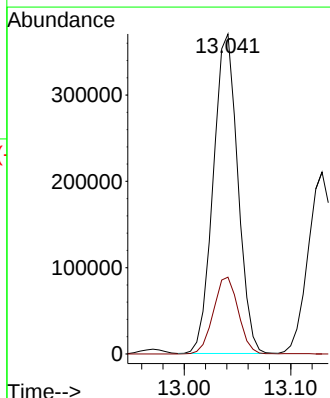
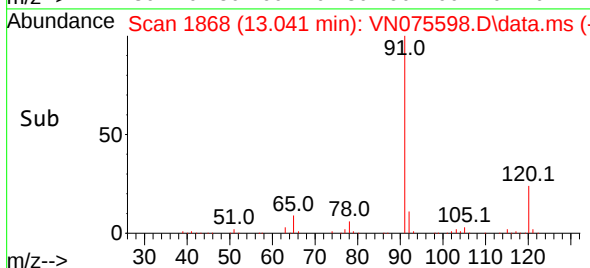
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

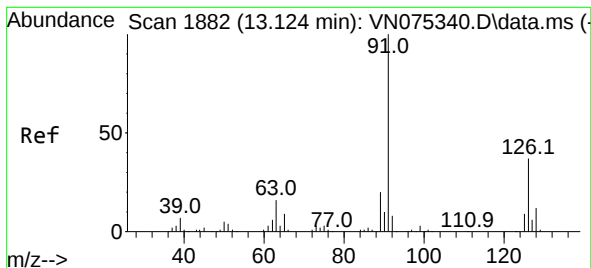


#78
n-propylbenzene
Concen: 55.063 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00



Tgt Ion: 91 Resp: 593422
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5





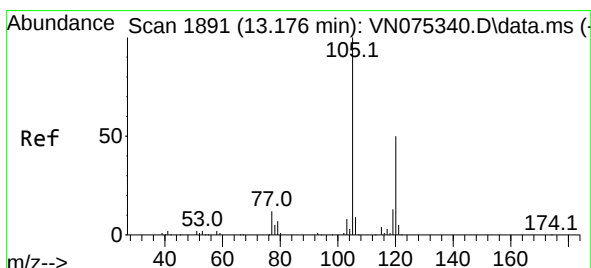
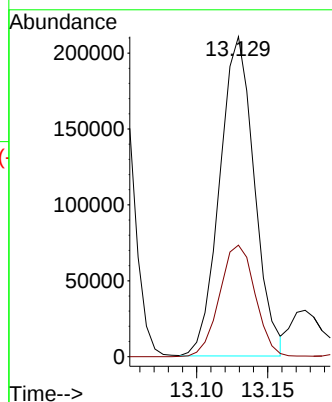
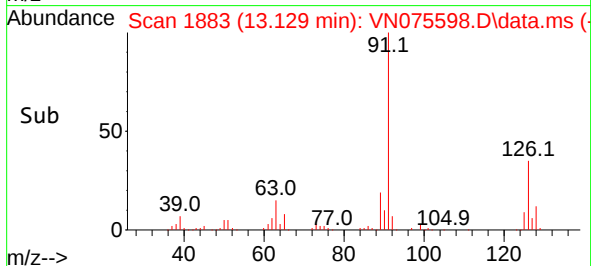
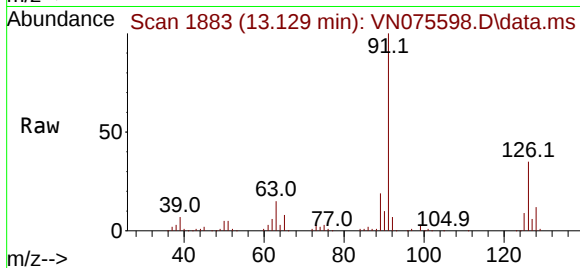
#79
2-Chlorotoluene
Concen: 55.074 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 357620
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.7

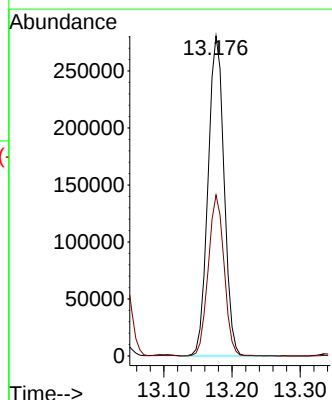
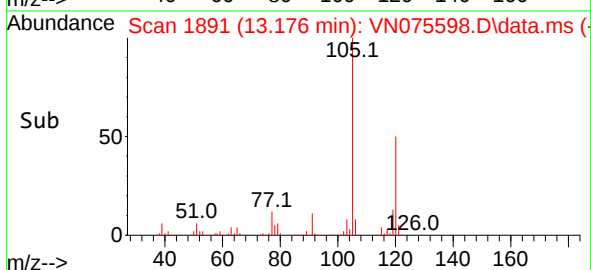
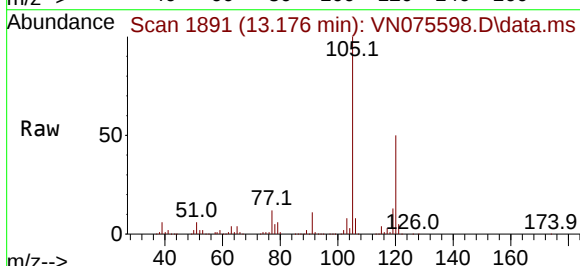
Manual Integrations
APPROVED

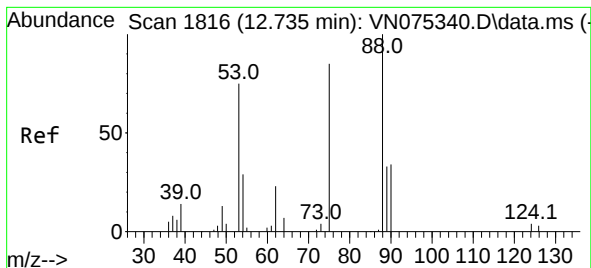
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 57.247 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

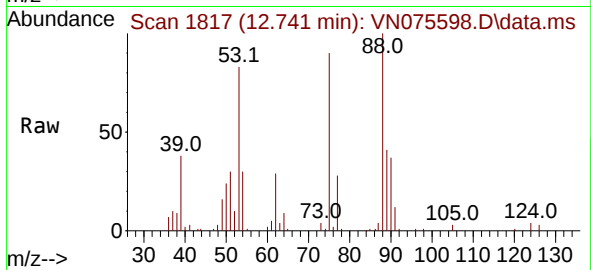
Tgt Ion:105 Resp: 459301
Ion Ratio Lower Upper
105 100
120 49.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 55.571 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

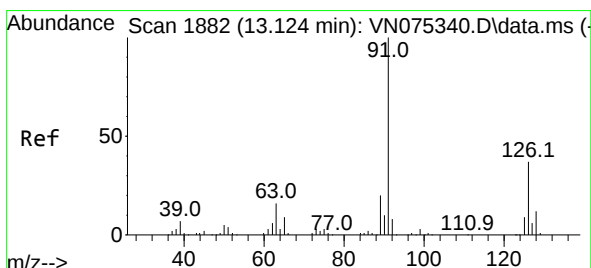
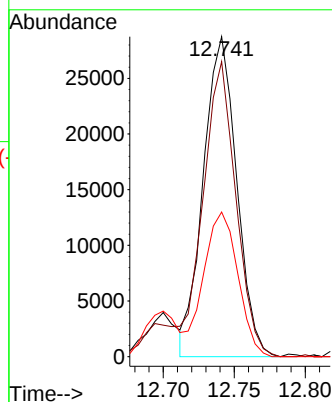
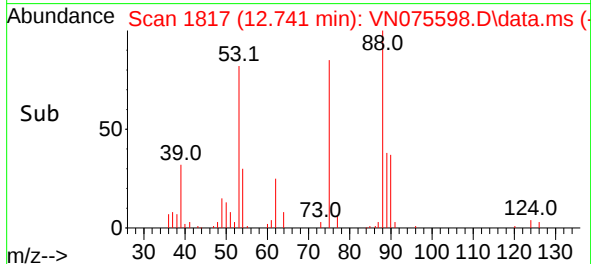
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 46939
Ion Ratio Lower Upper
75 100
53 101.3 78.5 117.7
89 47.1 37.7 56.5

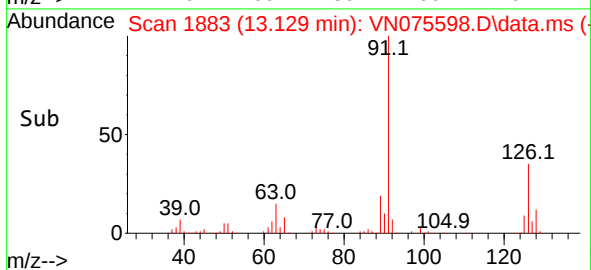
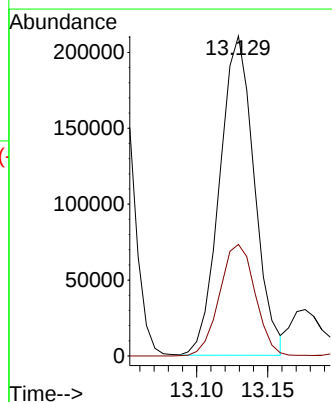
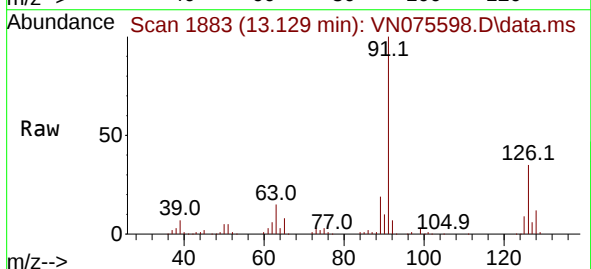
Manual Integrations
APPROVED

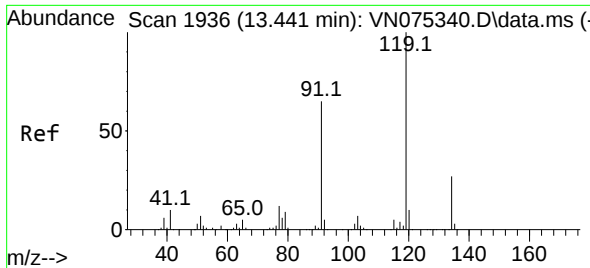
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#82
4-Chlorotoluene
Concen: 55.074 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

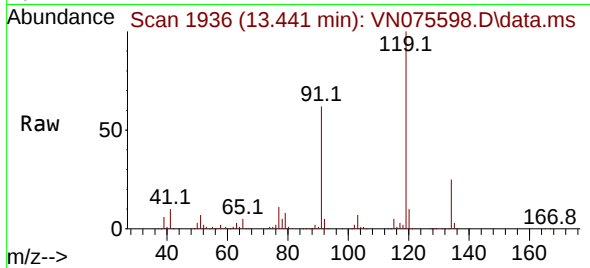
Tgt Ion: 91 Resp: 357620
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.7





#83
tert-Butylbenzene
Concen: 53.969 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

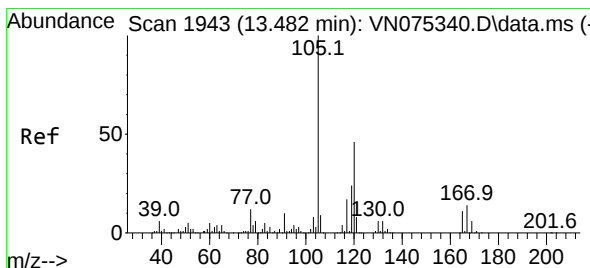
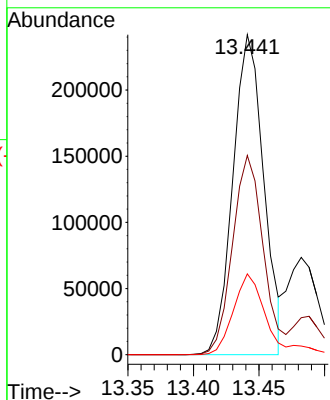
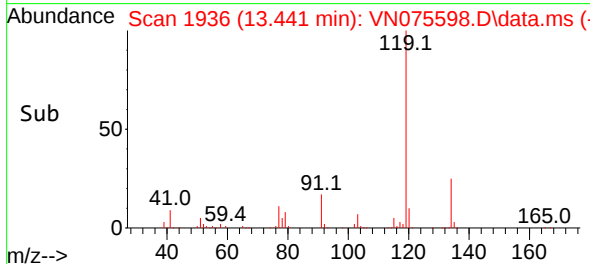
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



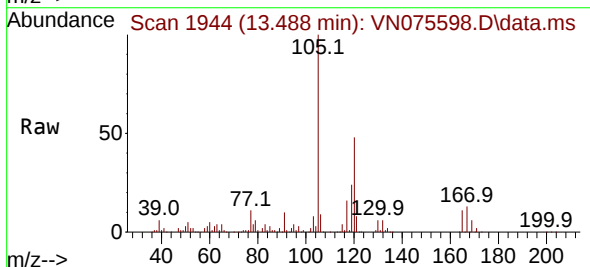
Tgt Ion:119 Resp: 39479
Ion Ratio Lower Upper
119 100
91 62.4 32.8 98.4
134 27.3 12.3 36.9

Manual Integrations
APPROVED

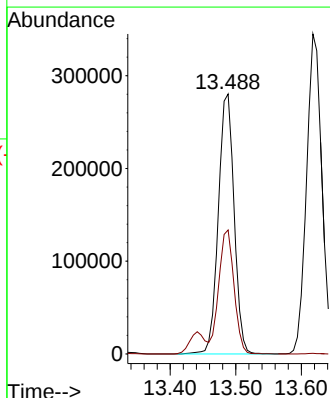
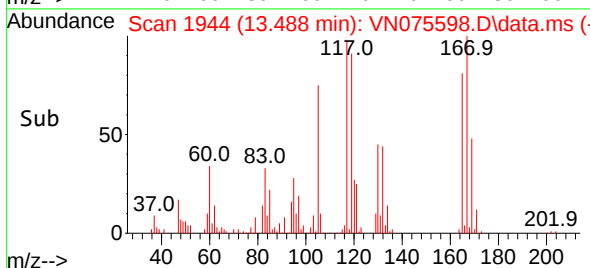
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

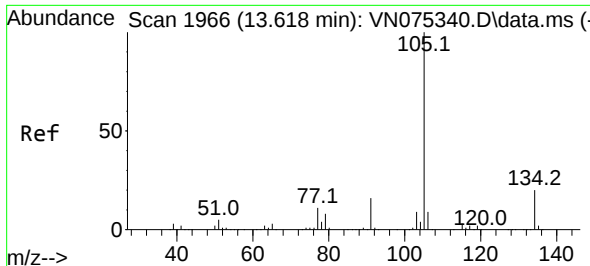


#84
1,2,4-Trimethylbenzene
Concen: 58.041 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00



Tgt Ion:105 Resp: 467094
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.1





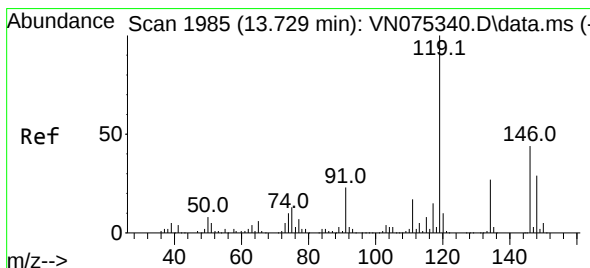
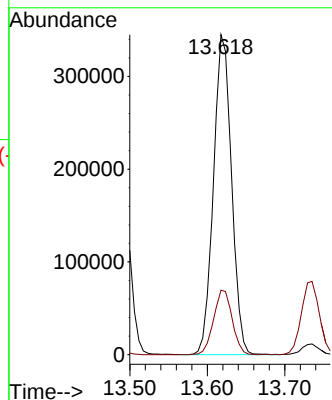
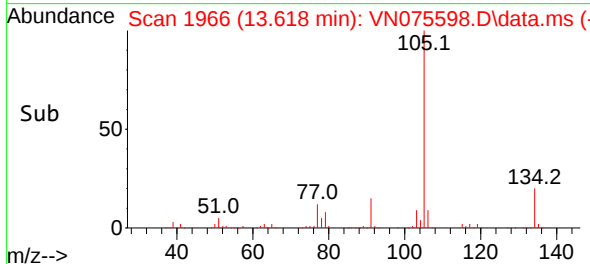
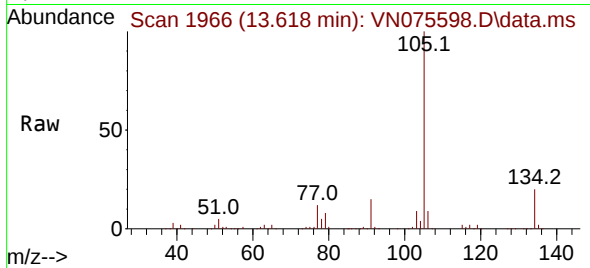
#85
 sec-Butylbenzene
 Concen: 56.289 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075598.D
 Acq: 07 Dec 2022 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 558699
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

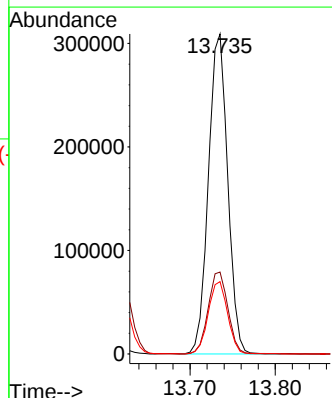
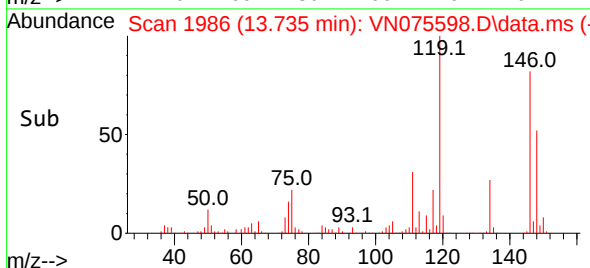
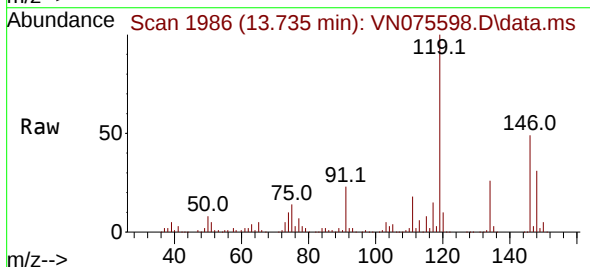
Manual Integrations
 APPROVED

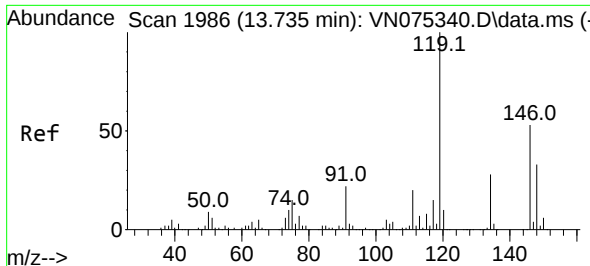
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#86
 p-Isopropyltoluene
 Concen: 58.314 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075598.D
 Acq: 07 Dec 2022 10:00

Tgt Ion:119 Resp: 486981
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 22.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 56.199 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 253860

Ion Ratio Lower Upper

146 100

111 38.6 20.8 62.5

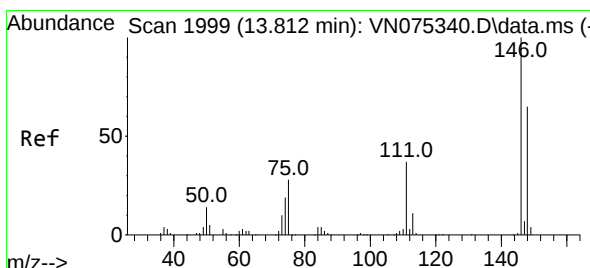
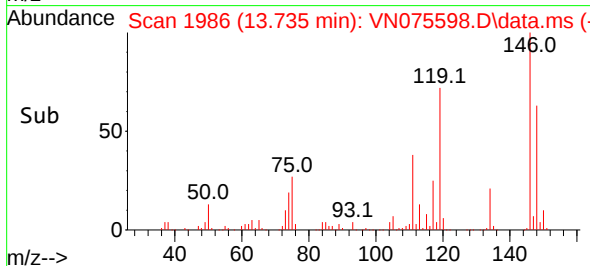
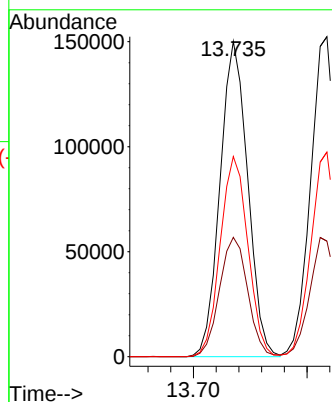
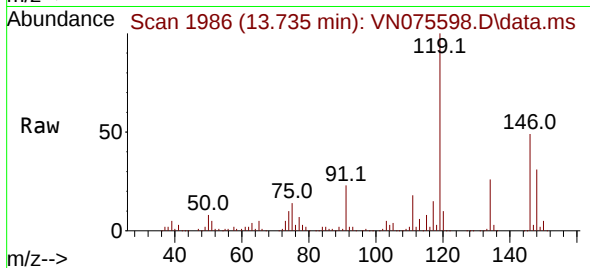
148 63.6 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#88

1,4-Dichlorobenzene

Concen: 55.067 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

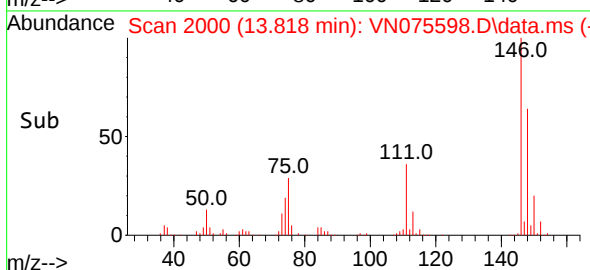
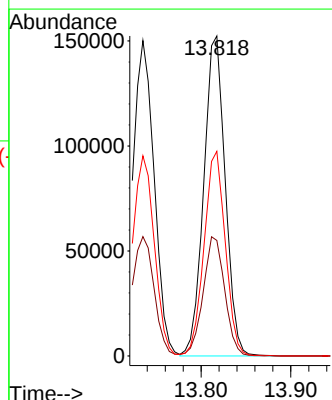
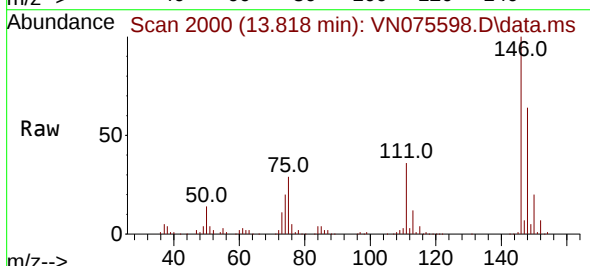
Tgt Ion:146 Resp: 252680

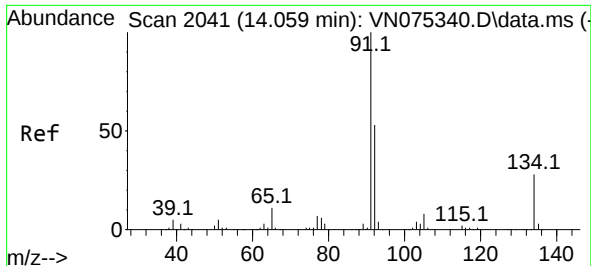
Ion Ratio Lower Upper

146 100

111 37.8 20.1 60.3

148 63.4 31.9 95.7





#89

n-Butylbenzene

Concen: 56.212 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 396474

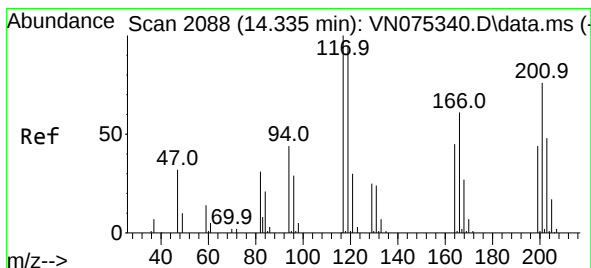
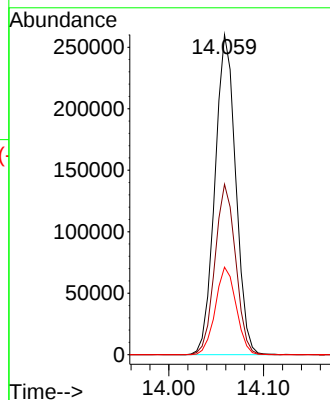
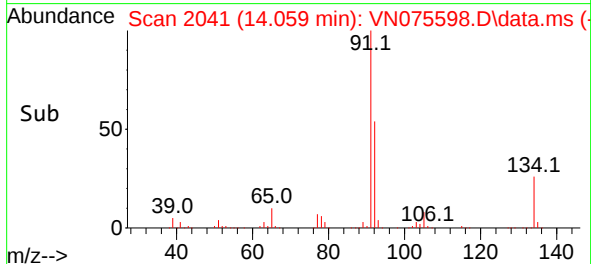
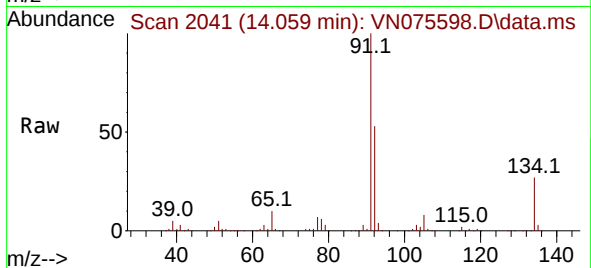
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.4
134	27.4	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#90

Hexachloroethane

Concen: 57.999 ug/l

RT: 14.335 min Scan# 2088

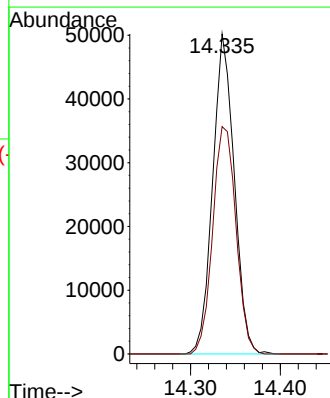
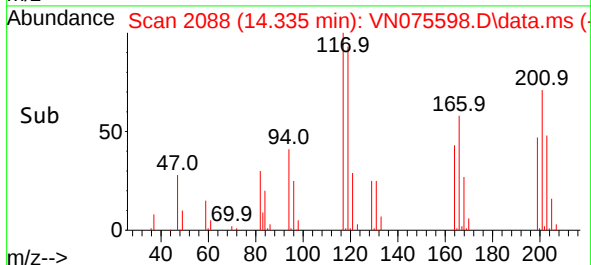
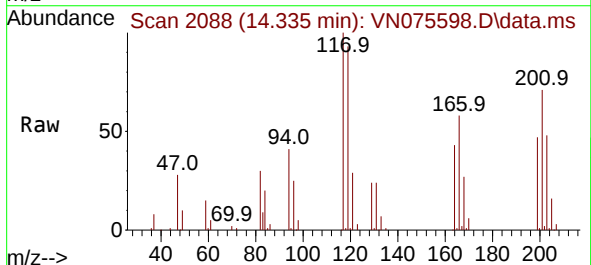
Delta R.T. 0.000 min

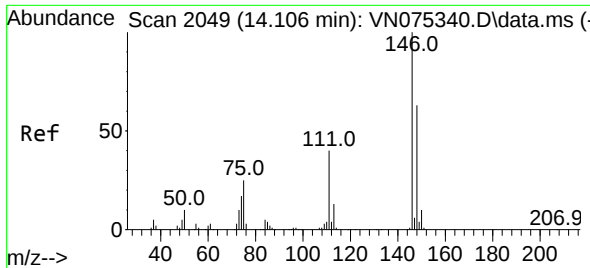
Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

Tgt Ion:117 Resp: 83557

Ion	Ratio	Lower	Upper
117	100		
201	76.9	31.5	94.5





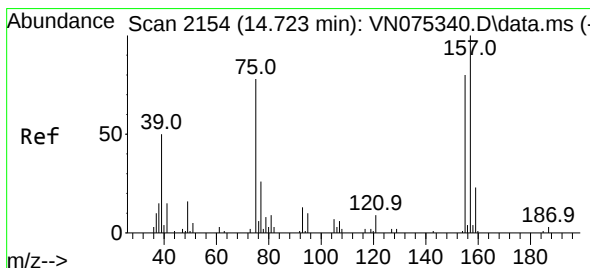
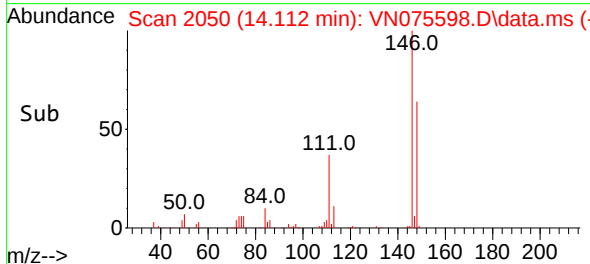
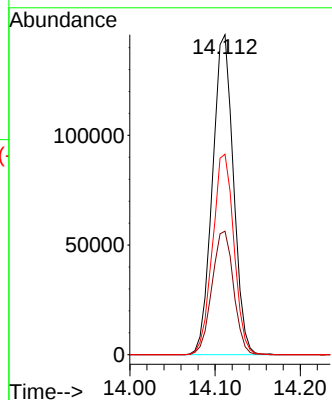
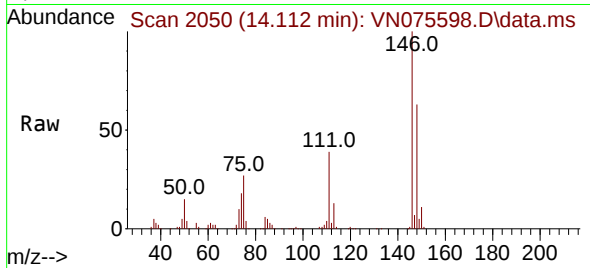
#91
1,2-Dichlorobenzene
Concen: 56.676 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 249550
Ion Ratio Lower Upper
146 100
111 39.7 21.3 63.9
148 64.0 31.4 94.2

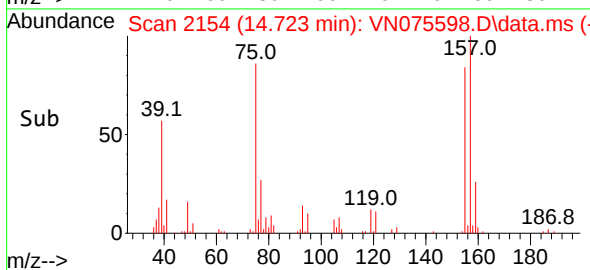
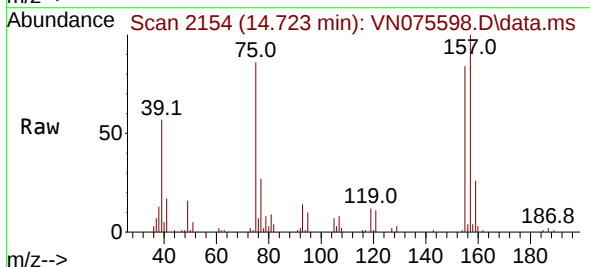
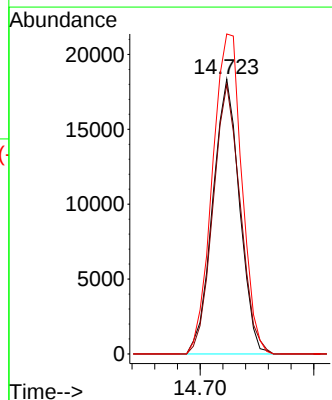
Manual Integrations
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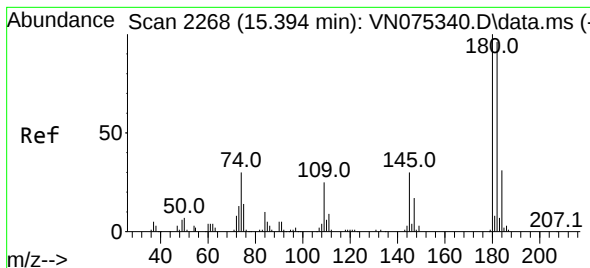
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.922 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

Tgt Ion: 75 Resp: 30073
Ion Ratio Lower Upper
75 100
155 99.2 42.1 126.3
157 127.9 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 60.732 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 13703

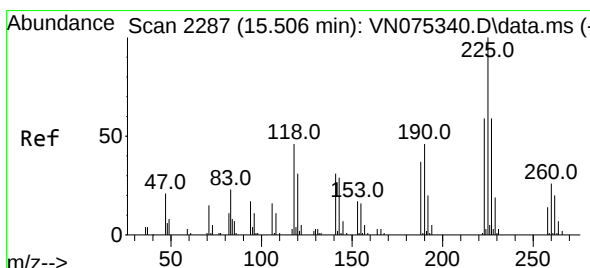
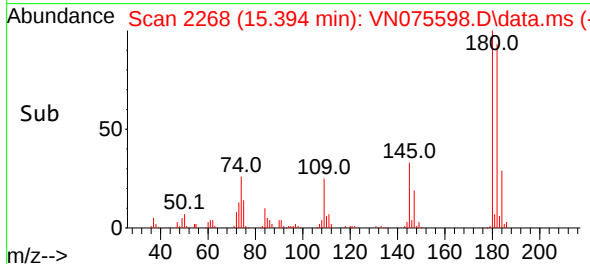
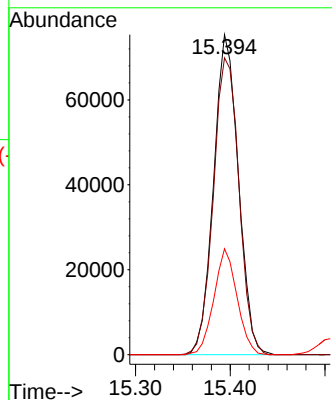
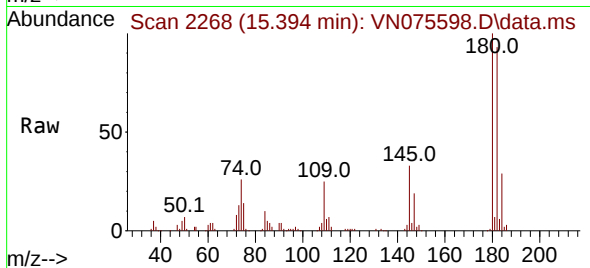
Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.4
145	31.0	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#94

Hexachlorobutadiene

Concen: 57.485 ug/l

RT: 15.506 min Scan# 2287

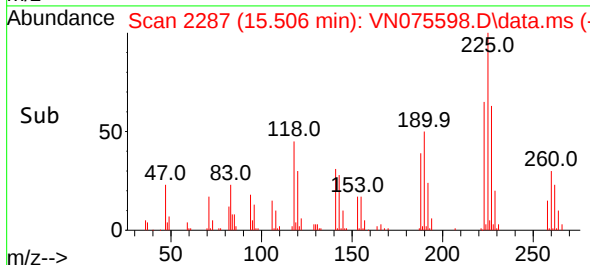
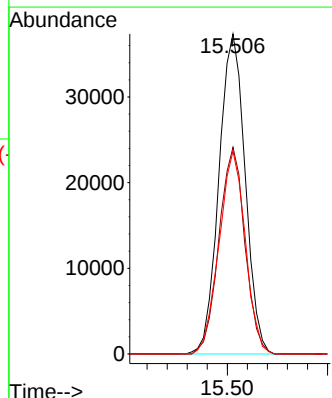
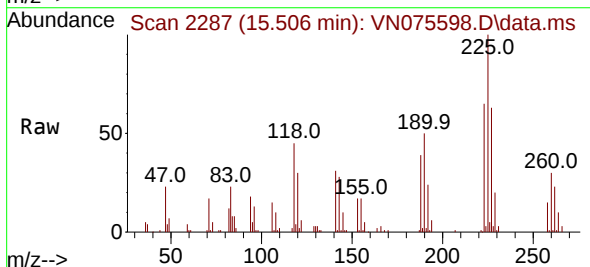
Delta R.T. -0.000 min

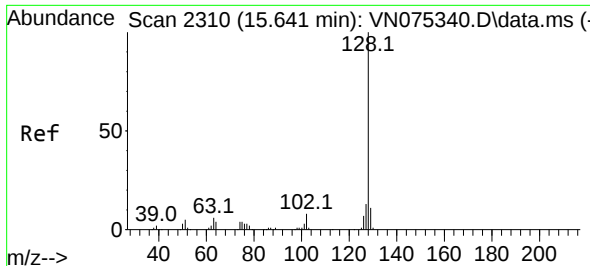
Lab File: VN075598.D

Acq: 07 Dec 2022 10:00

Tgt Ion:225 Resp: 67563

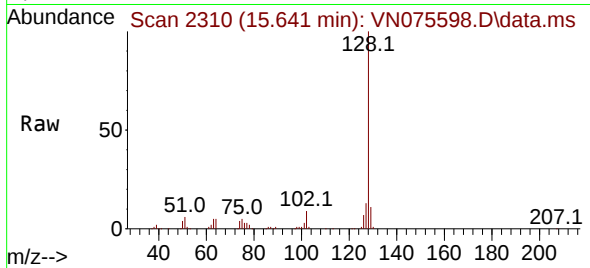
Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.3	96.9
227	63.3	32.0	96.2





#95
Naphthalene
Concen: 57.691 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00

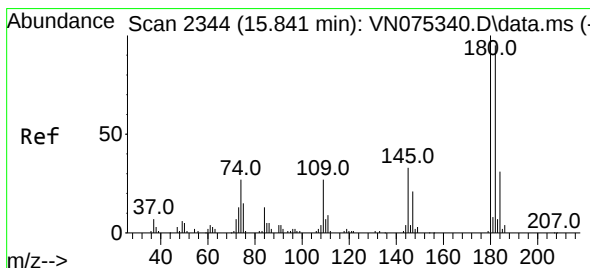
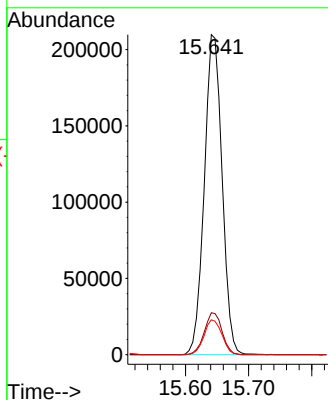
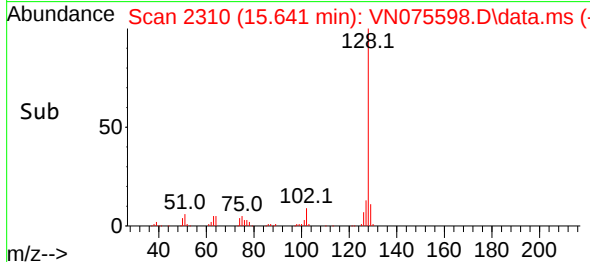
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



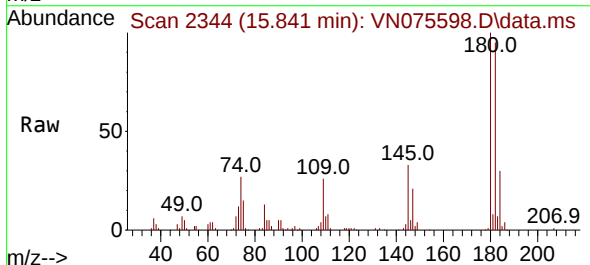
Tgt Ion:128 Resp: 409528
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 58.845 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075598.D
Acq: 07 Dec 2022 10:00



Tgt Ion:180 Resp: 130502
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.8
145 33.0 17.6 52.9

