

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075096.D
 Acq On : 31 Oct 2022 18:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 01 06:23:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	99631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	190566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	178722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71163	53.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.020%			
35) Dibromofluoromethane	8.171	113	58439	52.237	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.480%			
50) Toluene-d8	10.571	98	229367	52.846	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.700%			
62) 4-Bromofluorobenzene	12.847	95	83568	54.810	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	58405	45.063	ug/l	95
3) Chloromethane	2.377	50	63366	46.028	ug/l	99
4) Vinyl Chloride	2.524	62	89586	45.615	ug/l	97
5) Bromomethane	2.936	94	71543	50.985	ug/l	100
6) Chloroethane	3.112	64	66060	46.908	ug/l	92
7) Trichlorofluoromethane	3.501	101	98440	49.067	ug/l	100
8) Diethyl Ether	3.971	74	35258	48.182	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	52975	47.813	ug/l	100
10) Methyl Iodide	4.601	142	78519	47.603	ug/l	98
11) Tert butyl alcohol	5.542	59	69269	221.268	ug/l	100
12) 1,1-Dichloroethene	4.348	96	50236	47.567	ug/l	98
13) Acrolein	4.189	56	66912	261.312	ug/l	99
14) Allyl chloride	5.036	41	67763	43.932	ug/l	90
15) Acrylonitrile	5.730	53	169999	257.066	ug/l	99
16) Acetone	4.442	43	137826	242.476	ug/l	99
17) Carbon Disulfide	4.718	76	123775	46.605	ug/l	99
18) Methyl Acetate	5.042	43	96307	51.870	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	197018	50.192	ug/l	98
20) Methylene Chloride	5.289	84	62197	49.076	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	58670	50.737	ug/l	95
22) Diisopropyl ether	6.683	45	174976	51.404	ug/l	99
23) Vinyl Acetate	6.612	43	644075	226.589	ug/l	99
24) 1,1-Dichloroethane	6.577	63	109038	50.648	ug/l	98
25) 2-Butanone	7.489	43	228170	255.209	ug/l	96
26) 2,2-Dichloropropane	7.500	77	92163	46.535	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	69899	50.618	ug/l	99
28) Bromochloromethane	7.818	49	48747	53.714	ug/l	96
29) Tetrahydrofuran	7.847	42	148354	256.789	ug/l	100
30) Chloroform	7.971	83	122125	52.248	ug/l	99
31) Cyclohexane	8.259	56	92032	46.096	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	110545	52.079	ug/l	100
36) 1,1-Dichloropropene	8.377	75	86987	50.224	ug/l	98
37) Ethyl Acetate	7.565	43	90647	47.724	ug/l	99
38) Carbon Tetrachloride	8.371	117	95457	50.104	ug/l	99
39) Methylcyclohexane	9.606	83	112837	49.349	ug/l	96
40) Benzene	8.612	78	266693	50.290	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	46378	50.964	ug/l	99
42) 1,2-Dichloroethane	8.677	62	97151	50.354	ug/l	99
43) Isopropyl Acetate	8.694	43	148577	50.429	ug/l	99
44) Trichloroethene	9.353	130	63280	47.562	ug/l	99
45) 1,2-Dichloropropane	9.624	63	65882	52.204	ug/l	98
46) Dibromomethane	9.712	93	49574	50.420	ug/l	97
47) Bromodichloromethane	9.894	83	97238	51.069	ug/l	98
48) Methyl methacrylate	9.683	41	68129	50.410	ug/l	97
49) 1,4-Dioxane	9.694	88	34294	969.022	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	481830	253.431	ug/l	98
52) Toluene	10.630	92	181963	51.331	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	105011	52.251	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	108631	50.962	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	71383	50.785	ug/l	97
56) Ethyl methacrylate	10.877	69	110909	51.729	ug/l	99
57) 1,3-Dichloropropane	11.165	76	121048	51.713	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	221643	267.398	ug/l	99
59) 2-Hexanone	11.200	43	367543	254.713	ug/l	100
60) Dibromochloromethane	11.365	129	78132	52.687	ug/l	99
61) 1,2-Dibromoethane	11.471	107	76502	53.109	ug/l	98
64) Tetrachloroethene	11.106	164	54464	49.706	ug/l	95
65) Chlorobenzene	11.894	112	190966	50.058	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	71910	50.814	ug/l	99
67) Ethyl Benzene	11.965	91	349386	50.905	ug/l	97
68) m/p-Xylenes	12.071	106	279087	101.340	ug/l	97
69) o-Xylene	12.400	106	140907	51.737	ug/l	100
70) Styrene	12.412	104	230565	53.093	ug/l	98
71) Bromoform	12.582	173	55516	52.397	ug/l #	100
73) Isopropylbenzene	12.700	105	360113	48.314	ug/l	98
74) N-amyl acetate	12.494	43	133352	48.373	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	118940	55.635	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	104962m	53.244	ug/l	
77) Bromobenzene	12.982	156	78655	47.925	ug/l	97
78) n-propylbenzene	13.041	91	416626	49.785	ug/l	100
79) 2-Chlorotoluene	13.129	91	249875	48.863	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	314383	50.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	41566	54.126	ug/l	86
82) 4-Chlorotoluene	13.129	91	249875	48.863	ug/l	100
83) tert-Butylbenzene	13.441	119	275250	49.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	320017	50.522	ug/l	99
85) sec-Butylbenzene	13.618	105	396413	50.940	ug/l	99
86) p-Isopropyltoluene	13.729	119	335233	52.161	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	162075	50.437	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	158267	49.766	ug/l	99
89) n-Butylbenzene	14.059	91	272437	52.641	ug/l	100
90) Hexachloroethane	14.335	117	60114	51.015	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	159861	50.041	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25110	49.943	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	71048	51.683	ug/l	100
94) Hexachlorobutadiene	15.500	225	33675	50.249	ug/l	97
95) Naphthalene	15.641	128	272744	51.593	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	70612	51.696	ug/l	98

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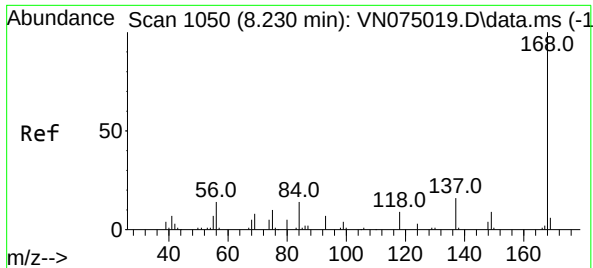
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/01/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

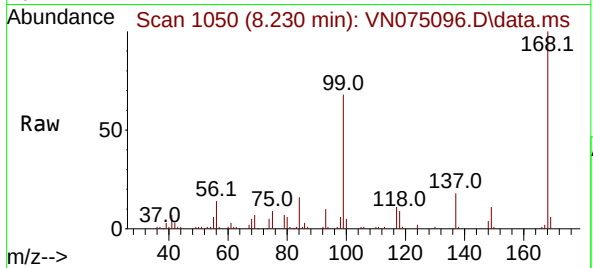
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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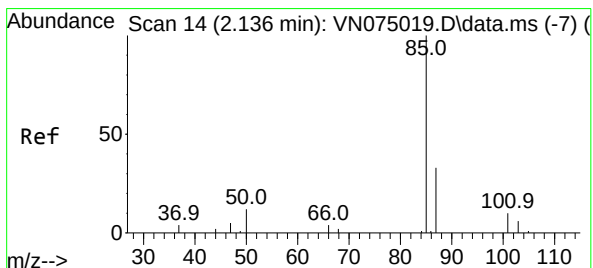
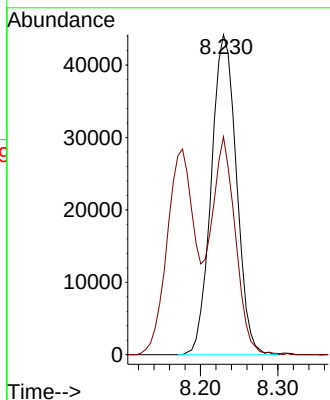
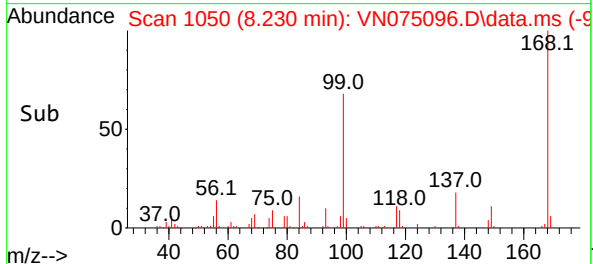
Instrument :
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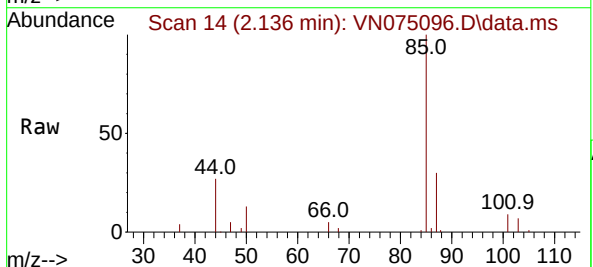
Tgt Ion:168 Resp: 9963
Ion Ratio Lower Upper
168 100
99 67.7 51.6 77.4

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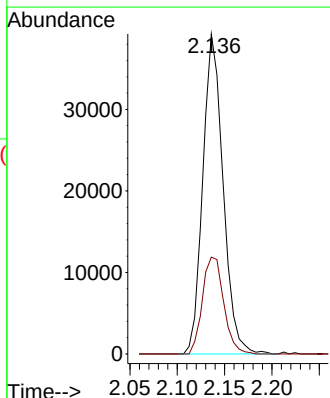
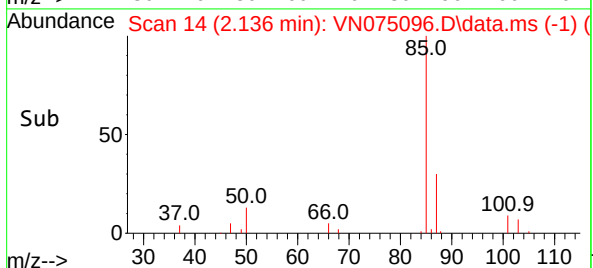
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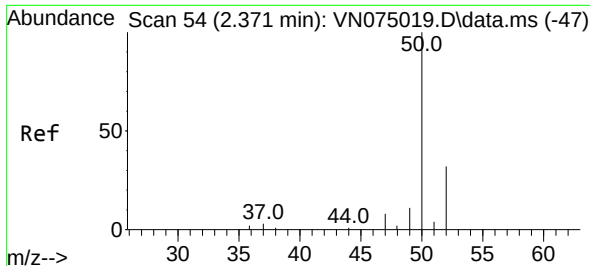


#2
Dichlorodifluoromethane
Concen: 45.063 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



Tgt Ion: 85 Resp: 58405
Ion Ratio Lower Upper
85 100
87 30.2 16.7 50.0





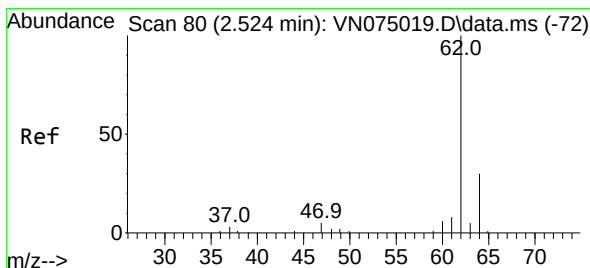
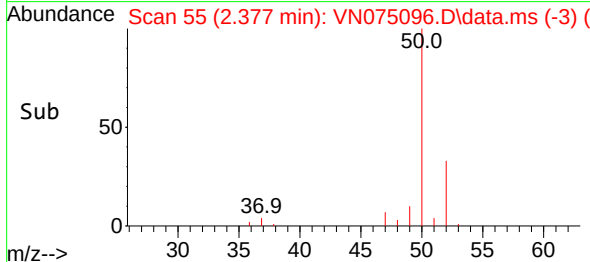
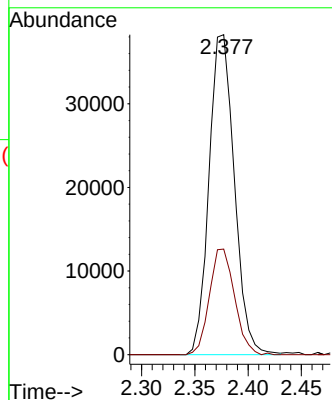
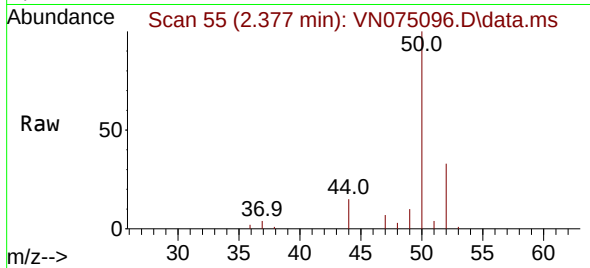
#3
Chloromethane
Concen: 46.028 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Instrument :
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Tgt Ion: 50 Resp: 63360
Ion Ratio Lower Upper
50 100
52 33.0 25.8 38.6

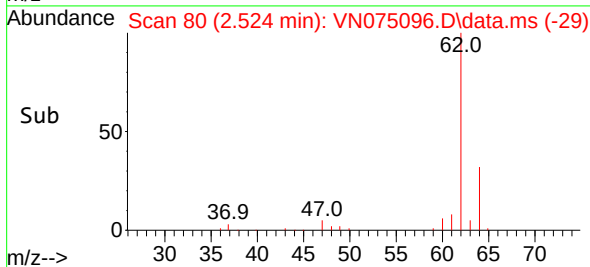
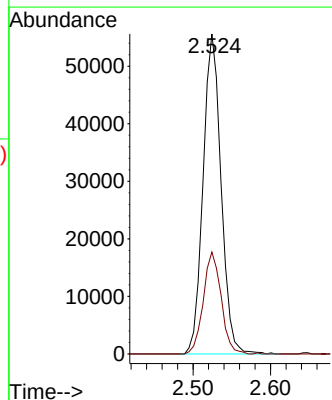
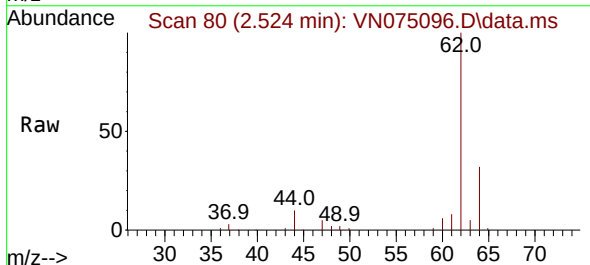
Manual Integrations
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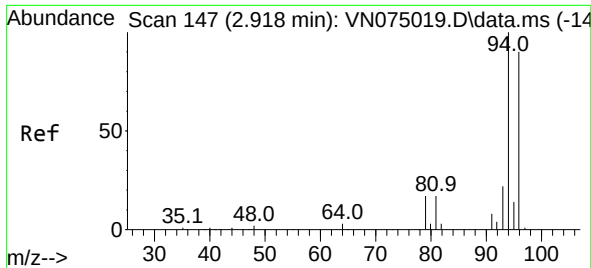
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#4
Vinyl Chloride
Concen: 45.615 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
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Acq: 31 Oct 2022 18:59

Tgt Ion: 62 Resp: 89586
Ion Ratio Lower Upper
62 100
64 31.9 24.0 36.0





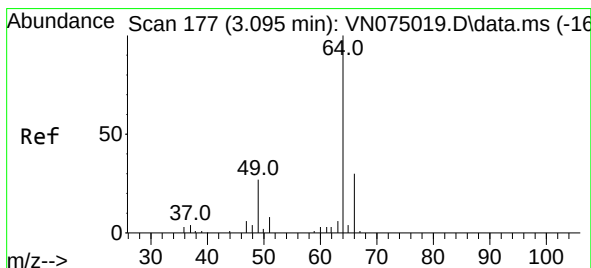
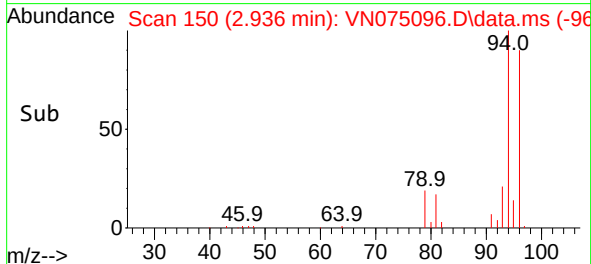
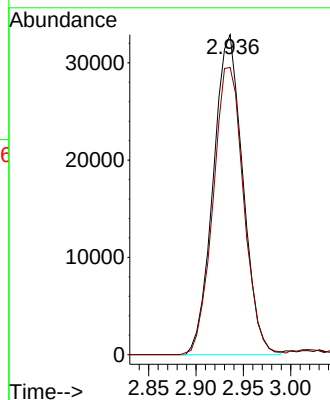
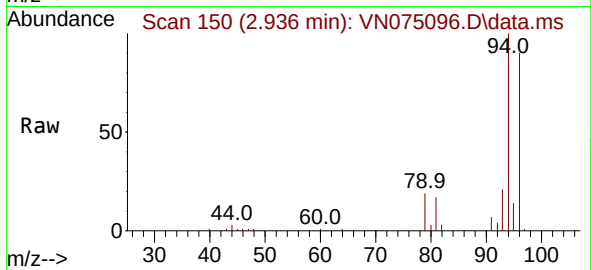
#5
Bromomethane
Concen: 50.985 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Instrument :
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Tgt Ion: 94 Resp: 7154
Ion Ratio Lower Upper
94 100
96 89.8 71.8 107.6

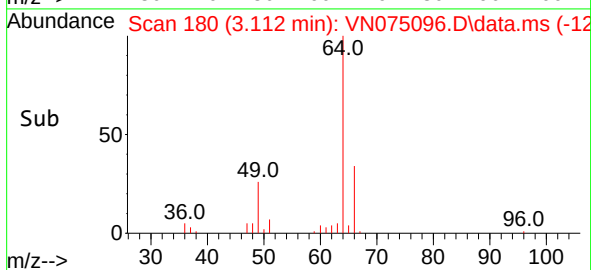
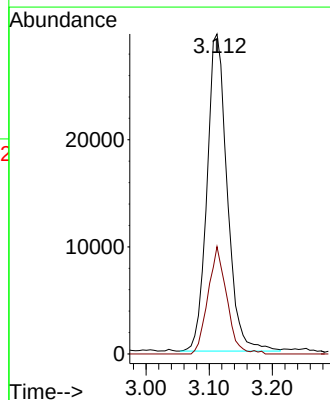
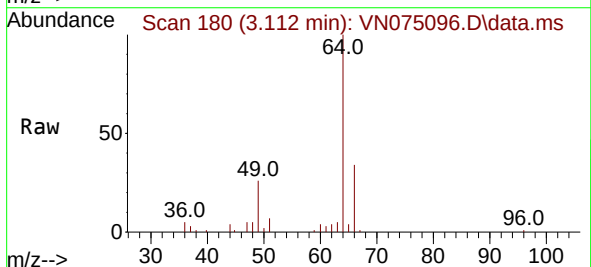
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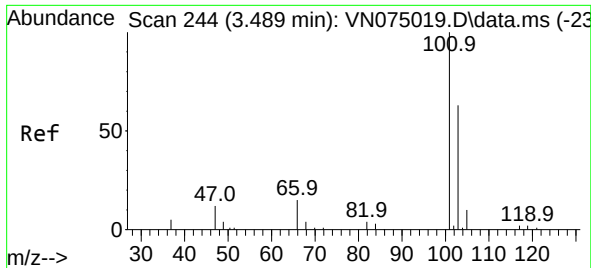
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#6
Chloroethane
Concen: 46.908 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.017 min
Lab File: VN075096.D
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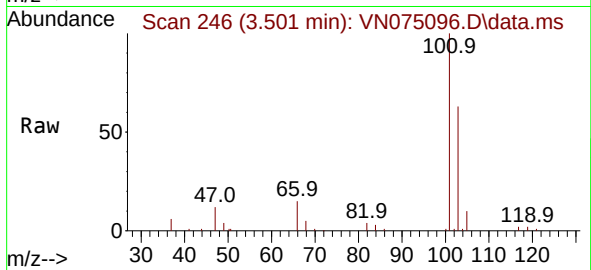
Tgt Ion: 64 Resp: 66060
Ion Ratio Lower Upper
64 100
66 33.9 23.8 35.8





#7
Trichlorofluoromethane
Concen: 49.067 ug/l
RT: 3.501 min Scan# 244
Delta R.T. 0.012 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

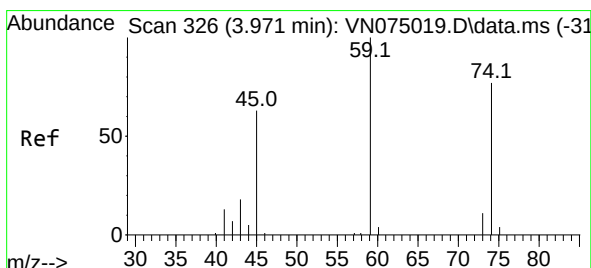
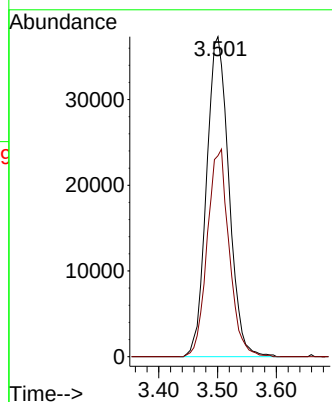
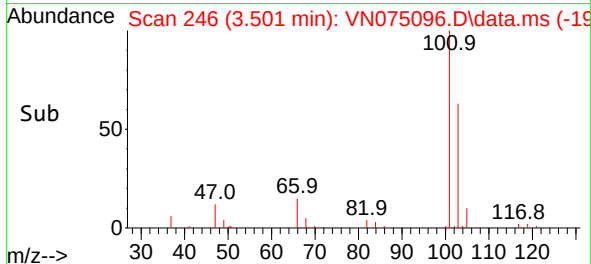
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 98440
Ion Ratio Lower Upper
101 100
103 62.8 50.5 75.7

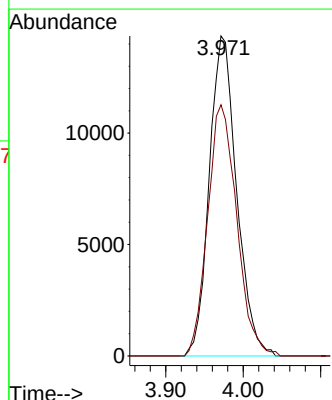
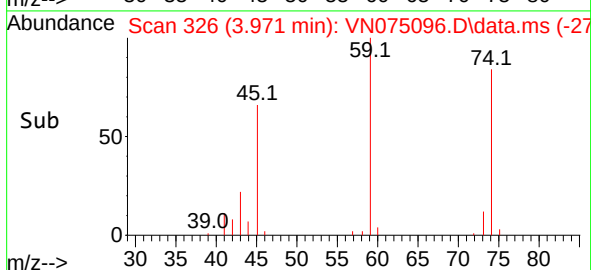
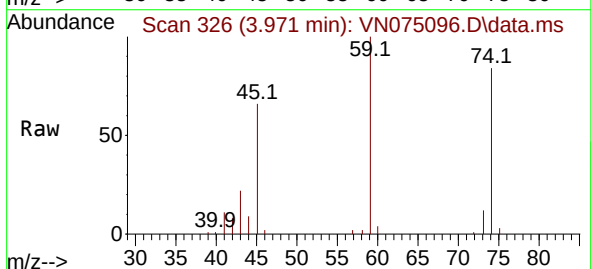
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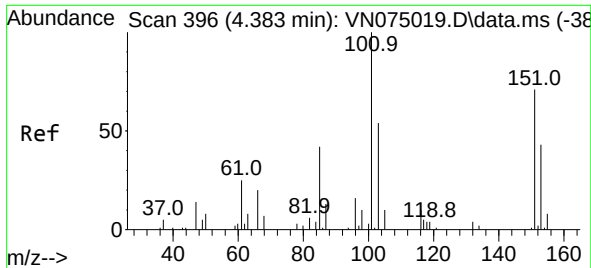
Reviewed By :John Carlone 11/01/2022
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#8
Diethyl Ether
Concen: 48.182 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
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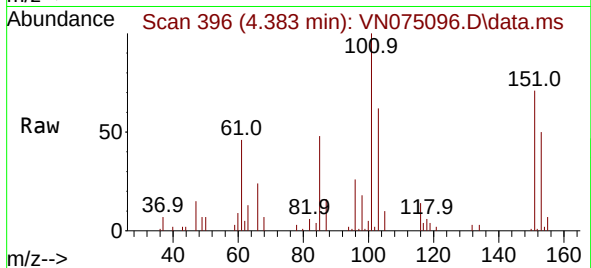
Tgt Ion: 74 Resp: 35258
Ion Ratio Lower Upper
74 100
45 83.6 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.813 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075096.D
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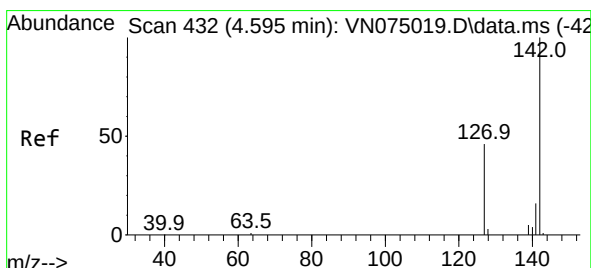
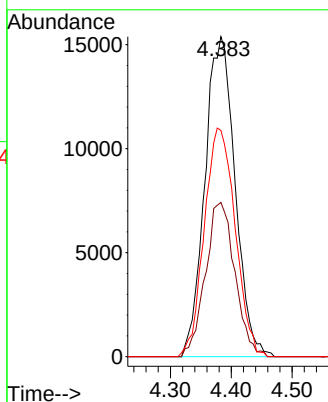
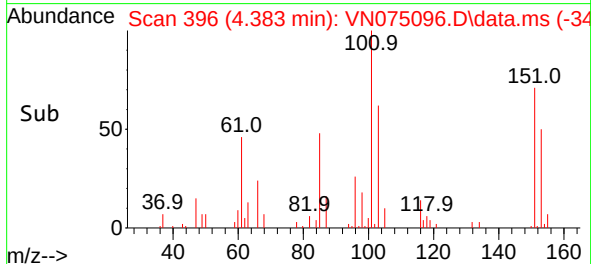
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ClientSampleId :
VSTDCCC050EC



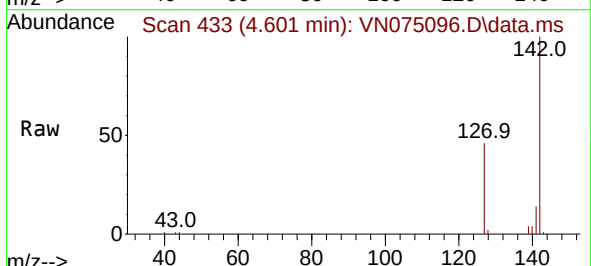
Tgt Ion:101 Resp: 5297
Ion Ratio Lower Upper
101 100
85 47.2 37.6 56.4
151 73.2 58.3 87.5

Manual Integrations
APPROVED

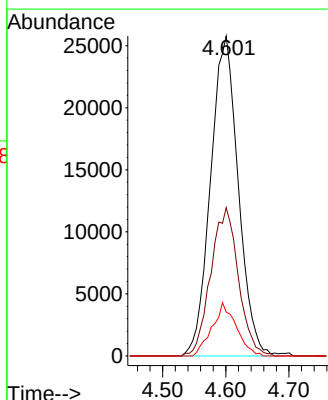
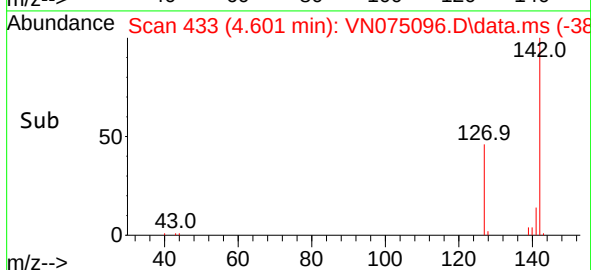
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

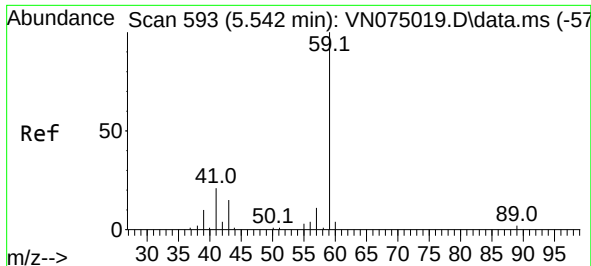


#10
Methyl Iodide
Concen: 47.603 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



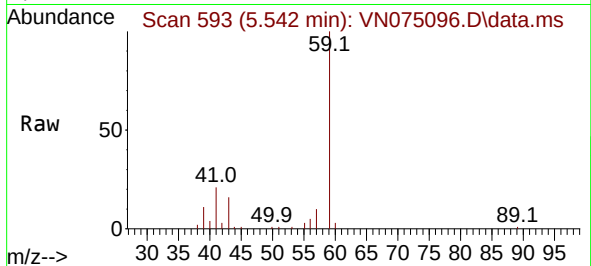
Tgt Ion:142 Resp: 78519
Ion Ratio Lower Upper
142 100
127 46.2 38.0 57.0
141 14.5 12.2 18.4





#11
Tert butyl alcohol
Concen: 221.268 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

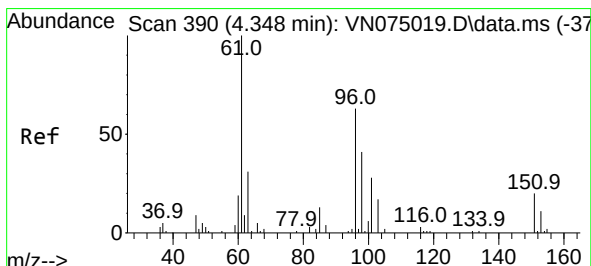
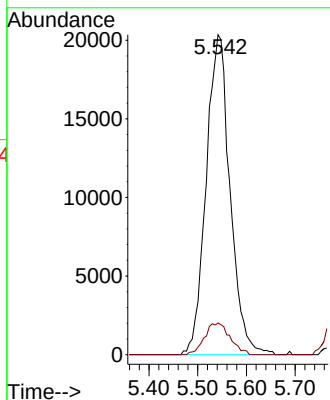
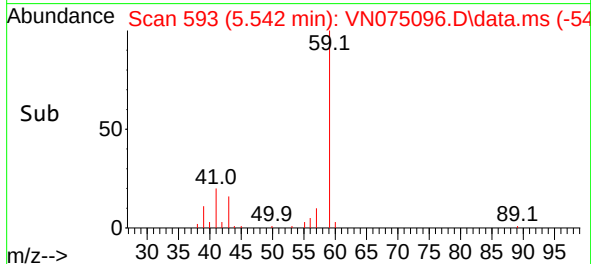
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



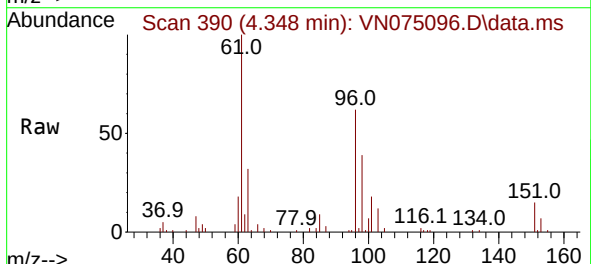
Tgt Ion: 59 Resp: 69269
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

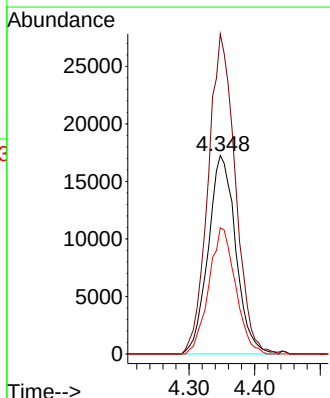
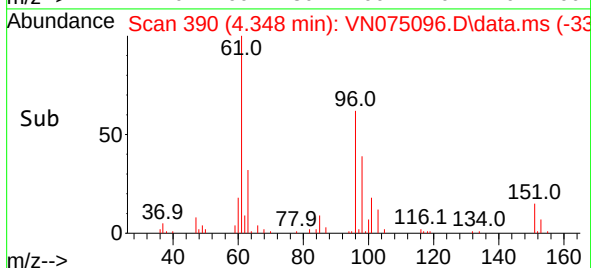
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

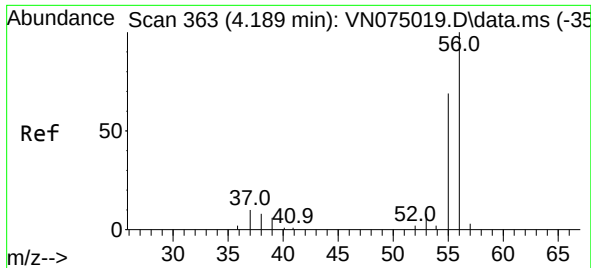


#12
1,1-Dichloroethene
Concen: 47.567 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



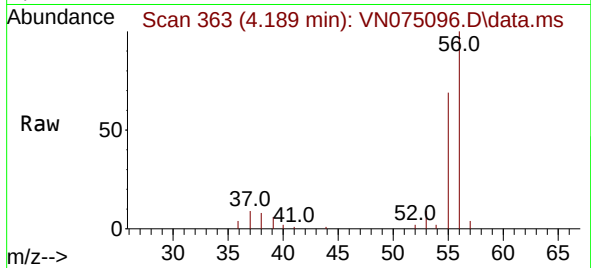
Tgt Ion: 96 Resp: 50236
Ion Ratio Lower Upper
96 100
61 161.3 126.2 189.4
98 63.5 51.5 77.3





#13
Acrolein
Concen: 261.312 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

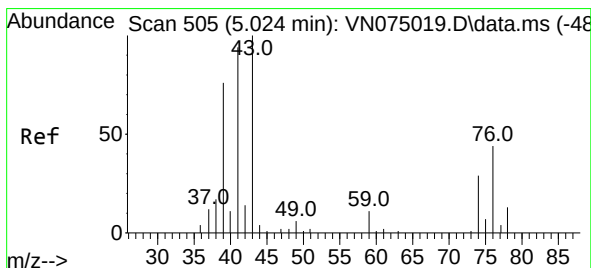
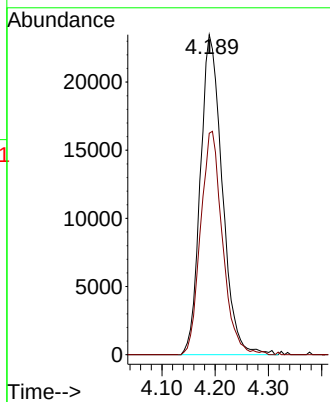
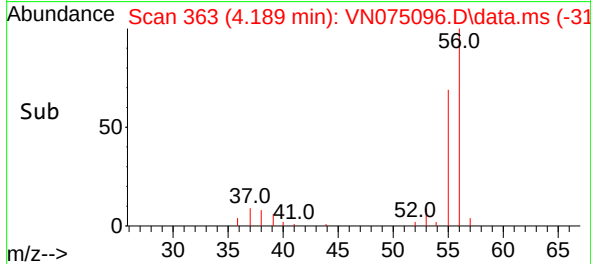
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



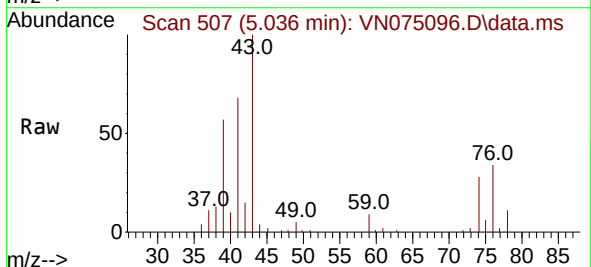
Tgt Ion: 56 Resp: 66912
Ion Ratio Lower Upper
56 100
55 69.9 55.2 82.8

Manual Integrations
APPROVED

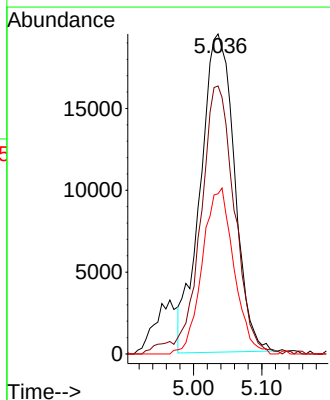
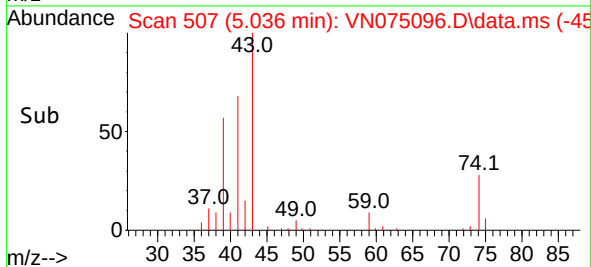
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

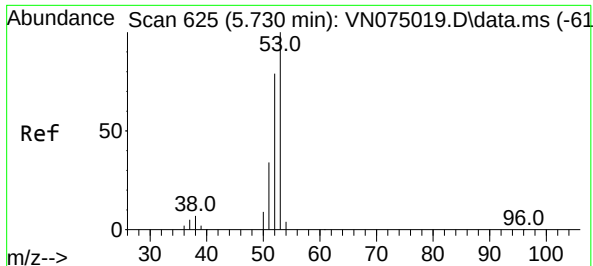


#14
Allyl chloride
Concen: 43.932 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



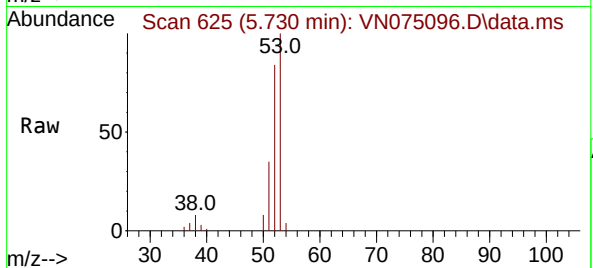
Tgt Ion: 41 Resp: 67763
Ion Ratio Lower Upper
41 100
39 84.1 61.0 91.4
76 48.1 33.4 50.0





#15
Acrylonitrile
Concen: 257.066 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

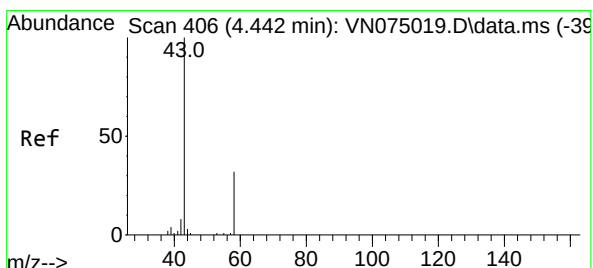
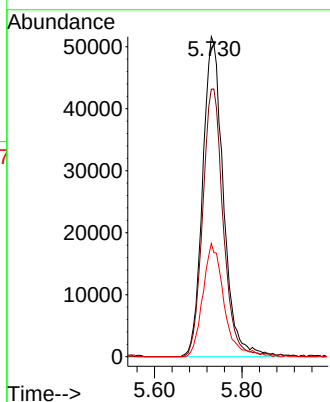
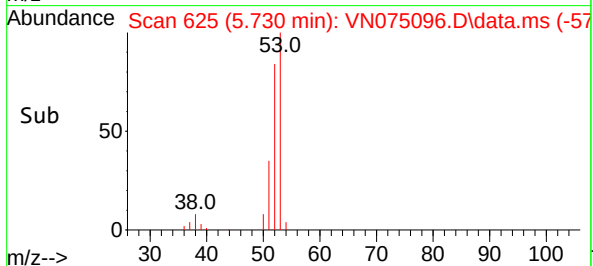
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



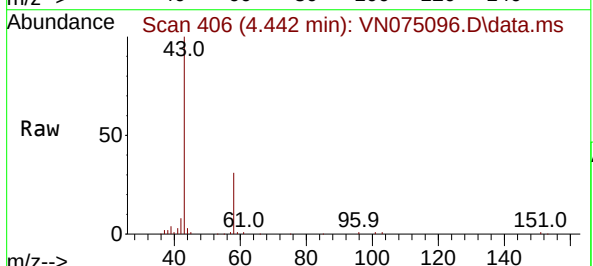
Tgt Ion: 53 Resp: 169999
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 36.1 29.6 44.4

Manual Integrations
APPROVED

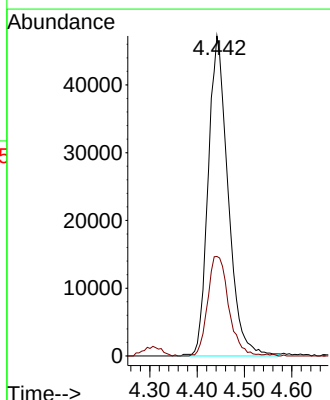
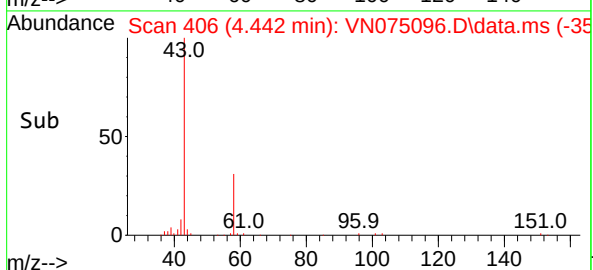
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

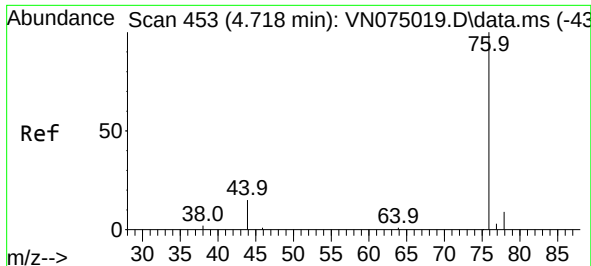


#16
Acetone
Concen: 242.476 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



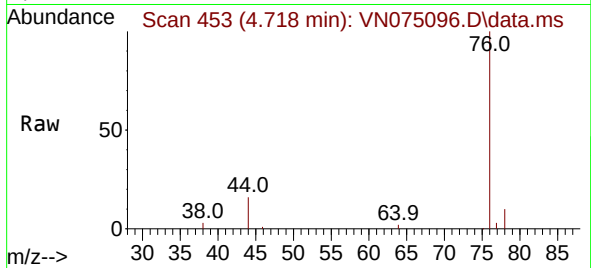
Tgt Ion: 43 Resp: 137826
Ion Ratio Lower Upper
43 100
58 31.1 25.5 38.3





#17
Carbon Disulfide
Concen: 46.605 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

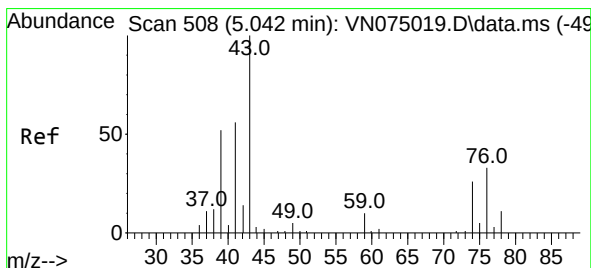
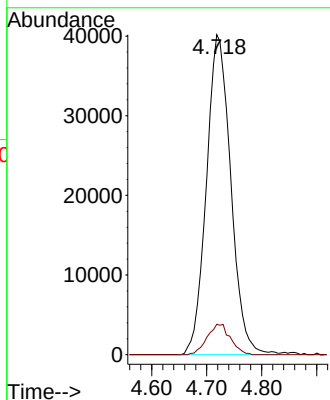
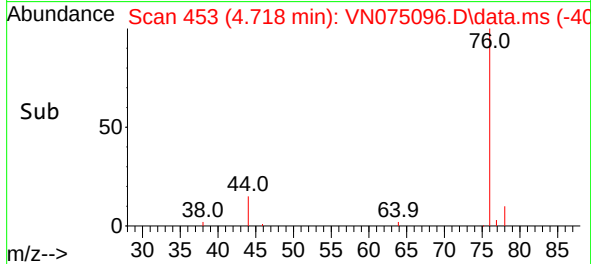
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 123775
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

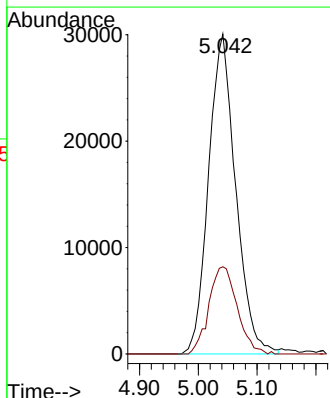
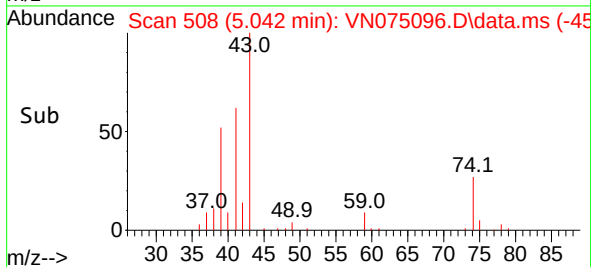
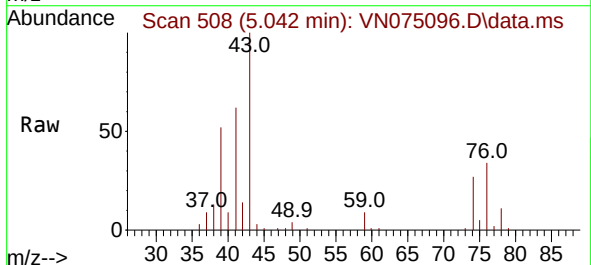
Manual Integrations
APPROVED

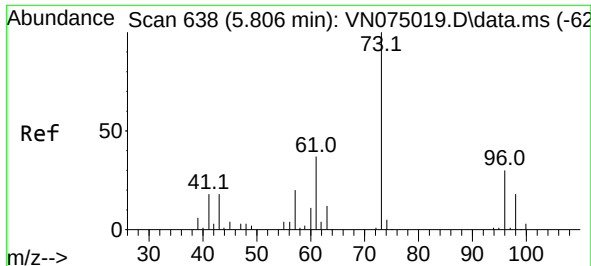
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#18
Methyl Acetate
Concen: 51.870 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Tgt Ion: 43 Resp: 96307
Ion Ratio Lower Upper
43 100
74 28.5 22.0 33.0





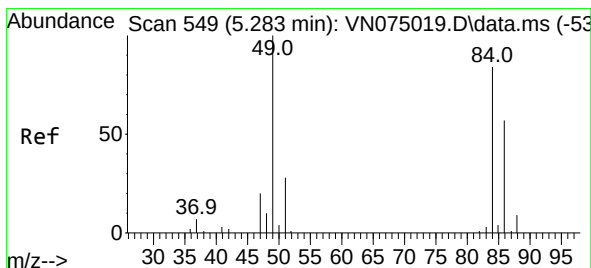
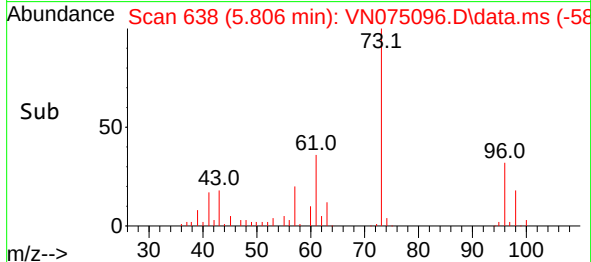
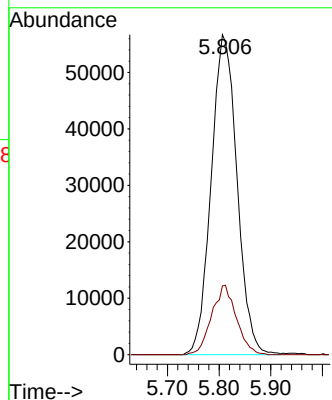
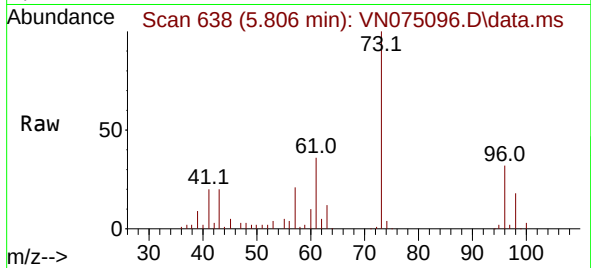
#19
Methyl tert-butyl Ether
Concen: 50.192 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 197018
Ion Ratio Lower Upper
73 100
57 21.5 16.3 24.5

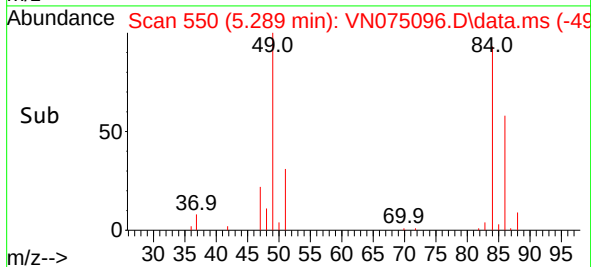
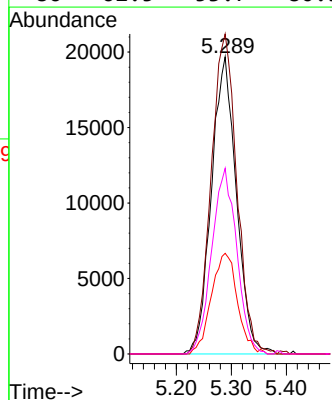
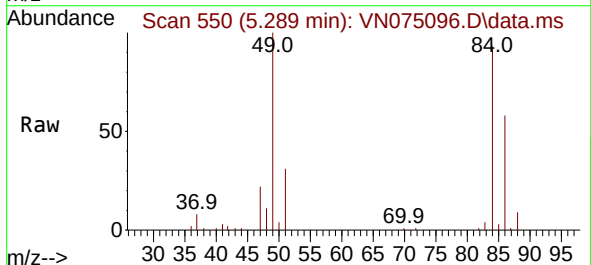
Manual Integrations
APPROVED

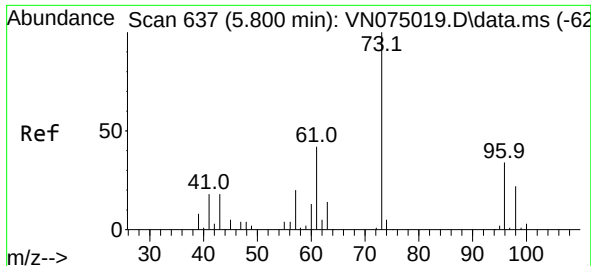
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#20
Methylene Chloride
Concen: 49.076 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Tgt Ion: 84 Resp: 62197
Ion Ratio Lower Upper
84 100
49 107.7 94.9 142.3
51 33.9 26.8 40.2
86 62.5 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 50.737 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

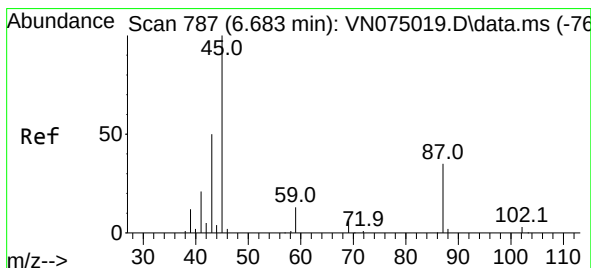
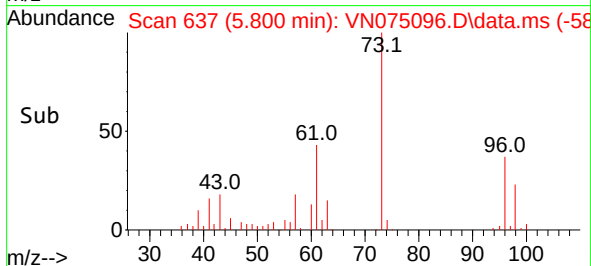
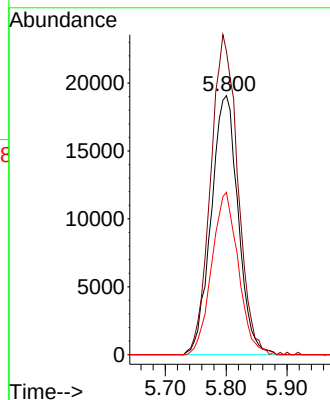
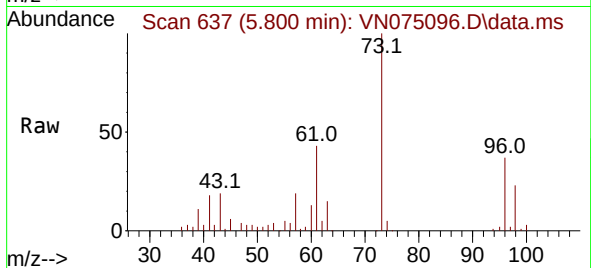
VSTDCCC050EC

Tgt Ion: 96 Resp: 58670
Ion Ratio Lower Upper
96 100
61 117.2 99.9 149.9
98 62.7 51.5 77.3

Manual Integrations

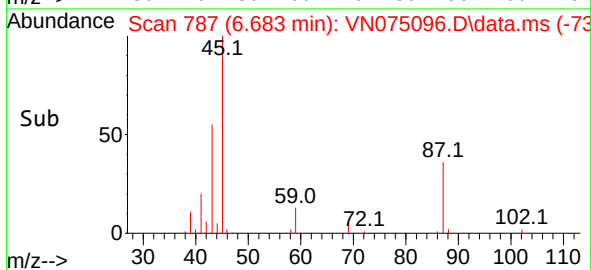
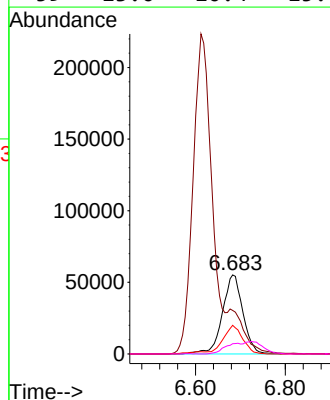
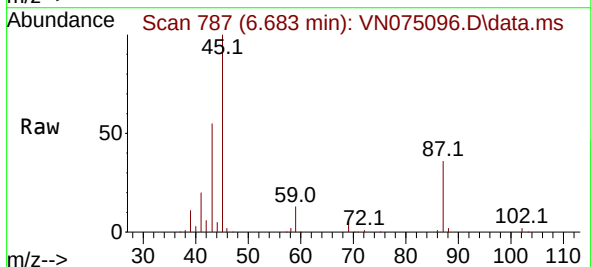
APPROVED

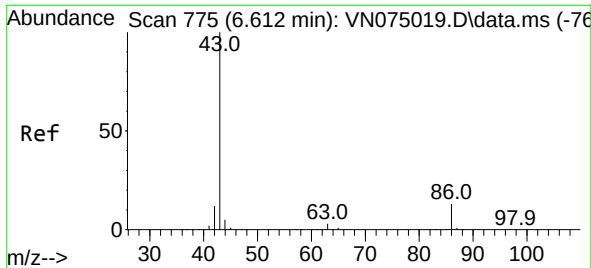
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#22
Diisopropyl ether
Concen: 51.404 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Tgt Ion: 45 Resp: 174976
Ion Ratio Lower Upper
45 100
43 53.9 42.8 64.2
87 36.3 28.4 42.6
59 13.0 10.4 15.6





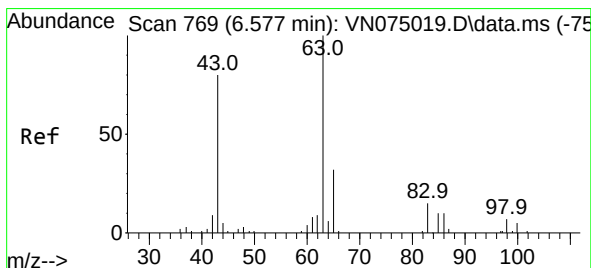
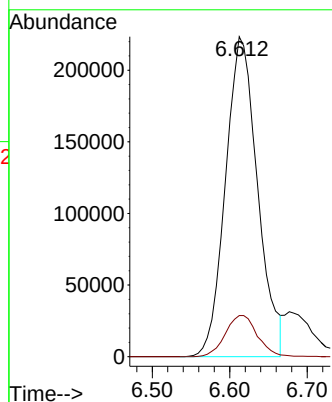
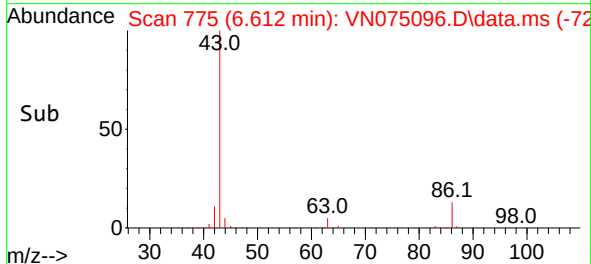
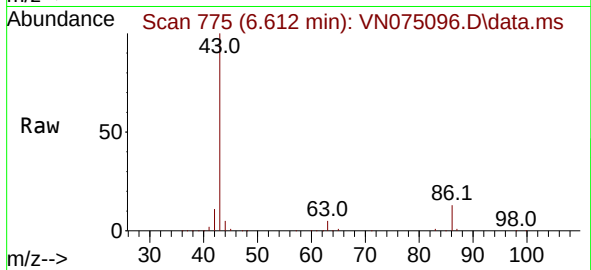
#23
 Vinyl Acetate
 Concen: 226.589 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075096.D
 Acq: 31 Oct 2022 18:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 644075
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.7 16.1

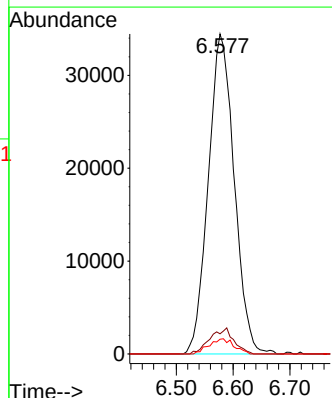
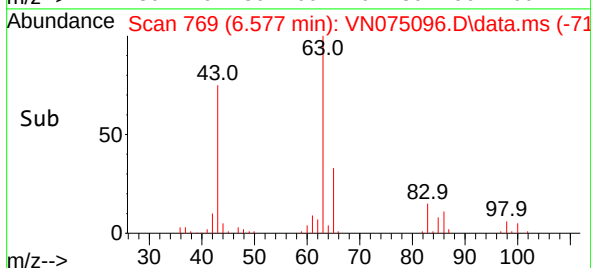
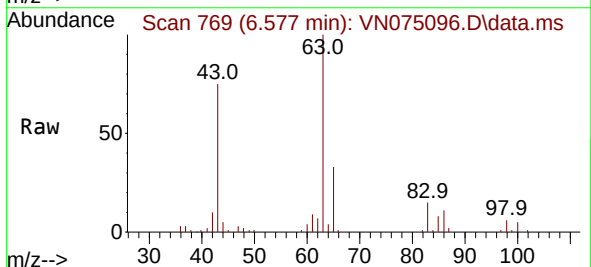
Manual Integrations
 APPROVED

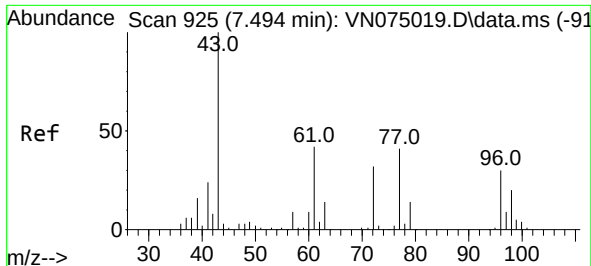
Reviewed By :John Carlone 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022



#24
 1,1-Dichloroethane
 Concen: 50.648 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075096.D
 Acq: 31 Oct 2022 18:59

Tgt Ion: 63 Resp: 109038
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.8
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 255.209 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.005 min

Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 228170

Ion Ratio Lower Upper

43 100

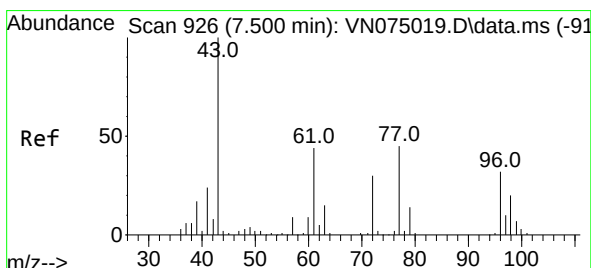
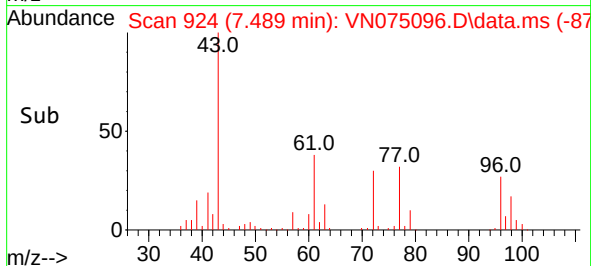
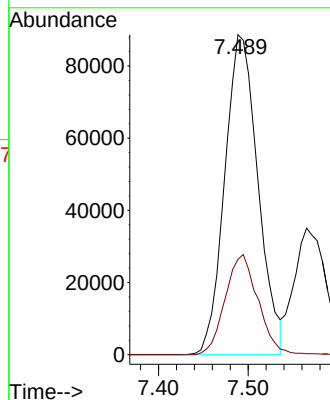
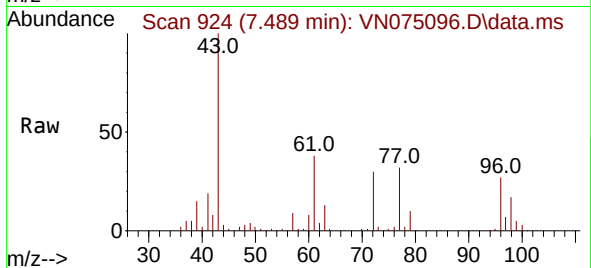
72 29.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#26

2,2-Dichloropropane

Concen: 46.535 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075096.D

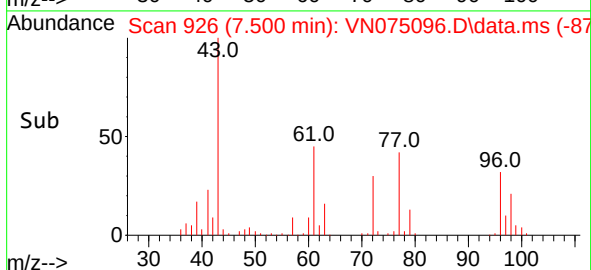
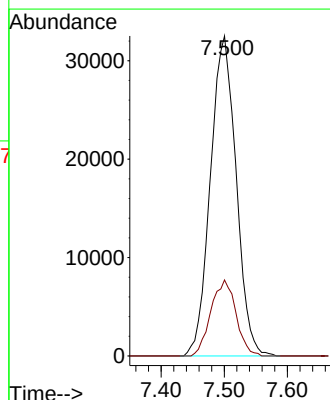
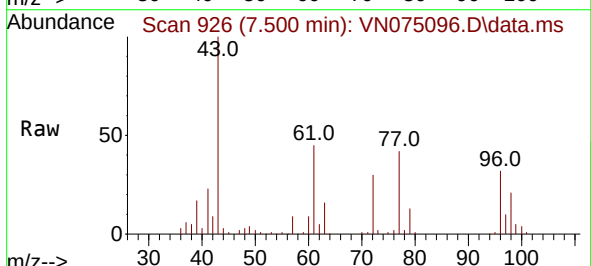
Acq: 31 Oct 2022 18:59

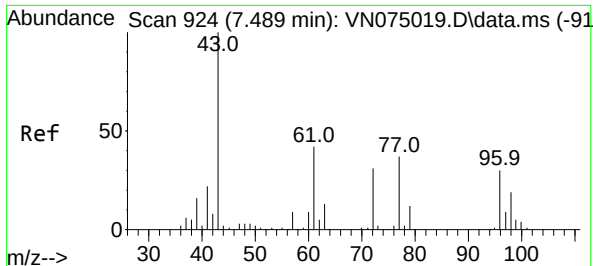
Tgt Ion: 77 Resp: 92163

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.618 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

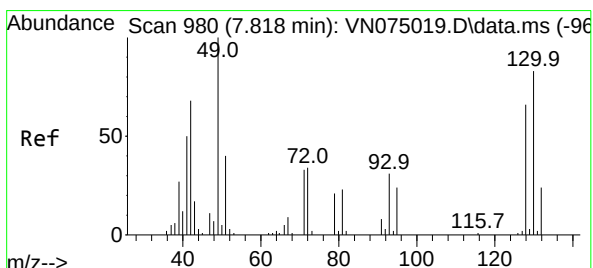
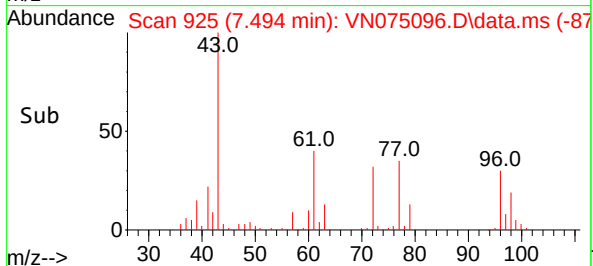
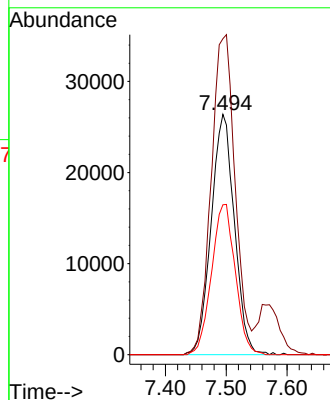
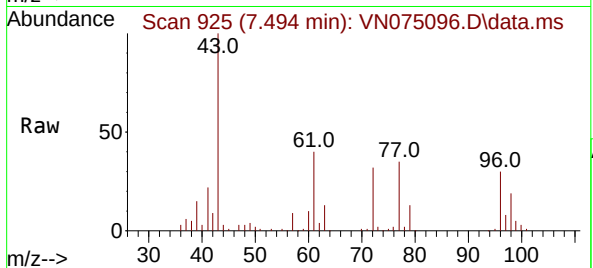
Tgt Ion: 96 Resp: 69899
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 278.8
 98 64.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#28

Bromochloromethane

Concen: 53.714 ug/l

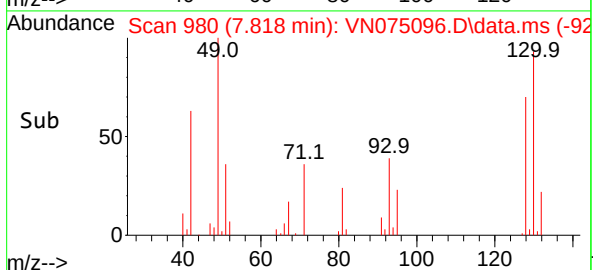
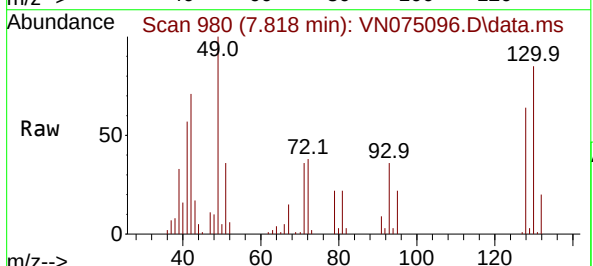
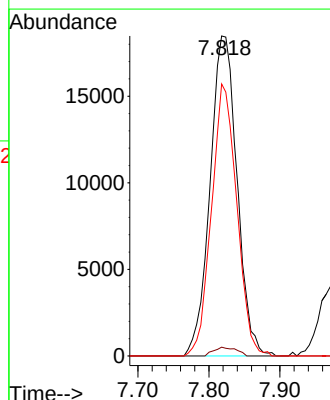
RT: 7.818 min Scan# 980

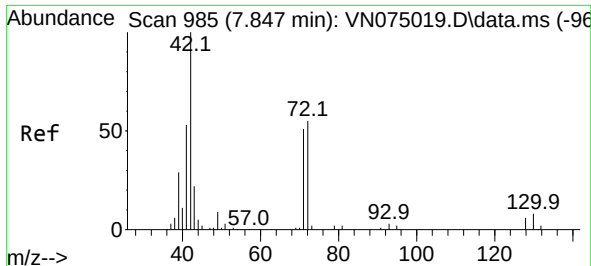
Delta R.T. -0.000 min

Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Tgt Ion: 49 Resp: 48747
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 79.5 66.2 99.4





#29

Tetrahydrofuran

Concen: 256.789 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 148354

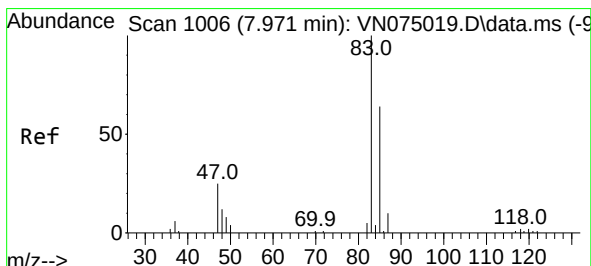
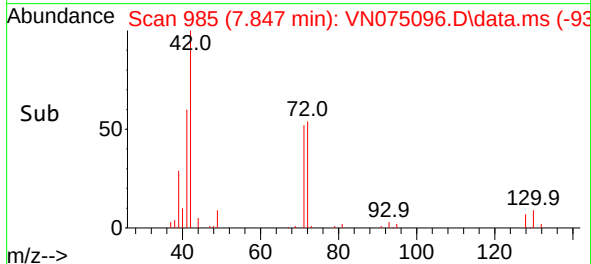
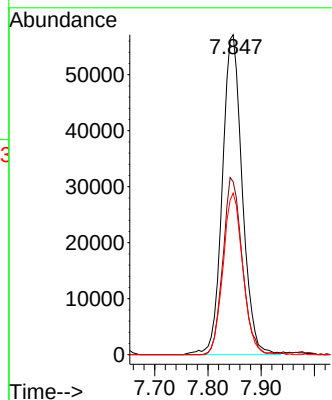
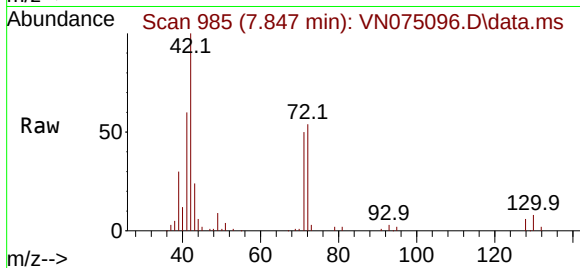
Ion	Ratio	Lower	Upper
42	100		
72	53.9	43.0	64.6
71	50.2	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#30

Chloroform

Concen: 52.248 ug/l

RT: 7.971 min Scan# 1006

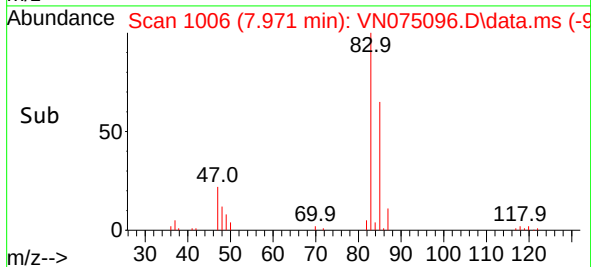
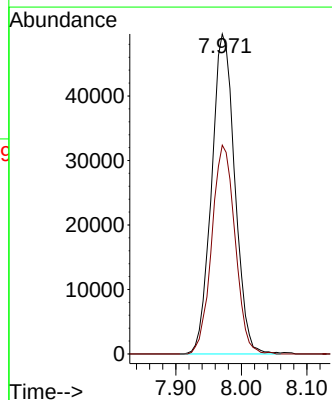
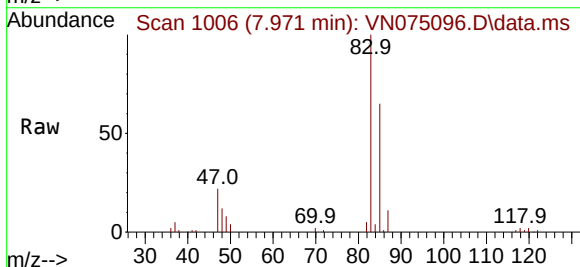
Delta R.T. -0.000 min

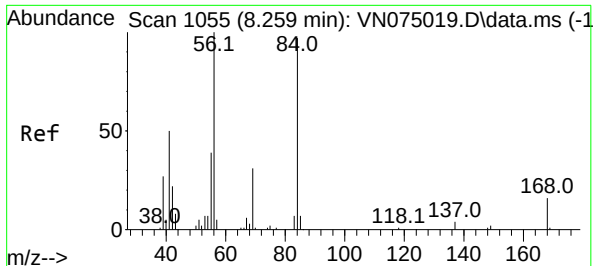
Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Tgt Ion: 83 Resp: 122125

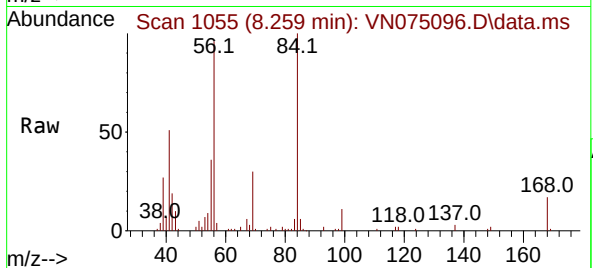
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.4	77.0





#31
Cyclohexane
Concen: 46.096 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

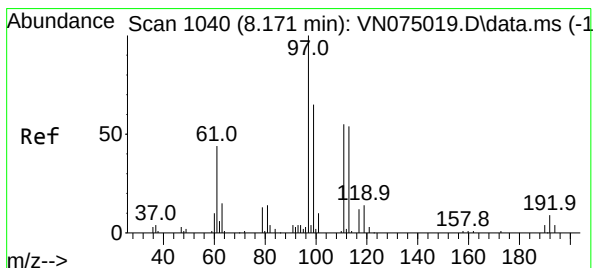
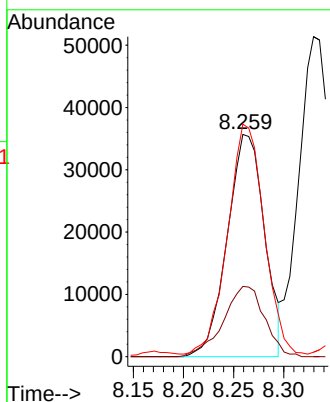
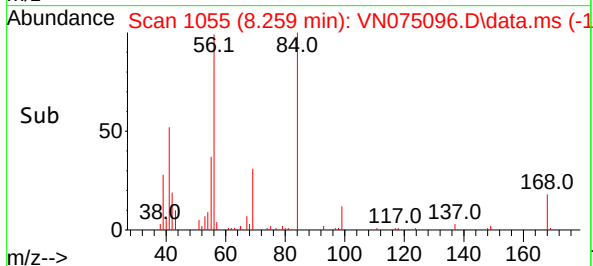
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



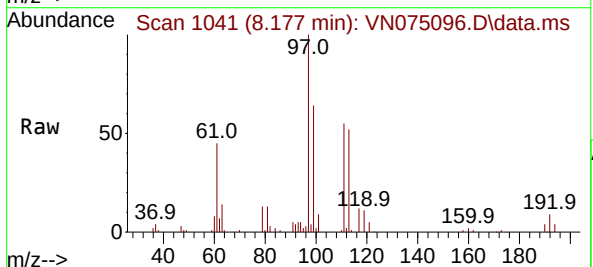
Tgt Ion: 56 Resp: 9203
Ion Ratio Lower Upper
56 100
69 31.6 25.2 37.8
84 103.3 77.8 116.8

Manual Integrations
APPROVED

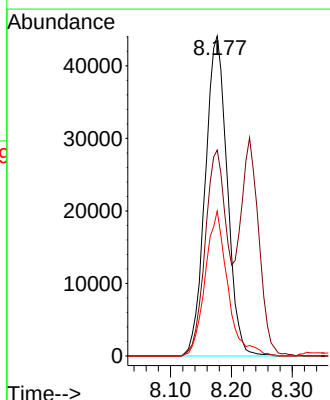
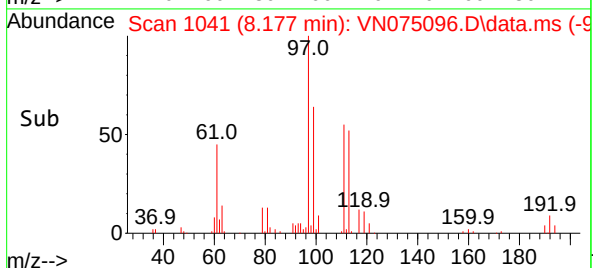
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

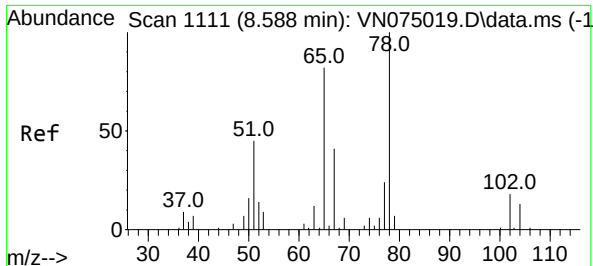


#32
1,1,1-Trichloroethane
Concen: 52.079 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



Tgt Ion: 97 Resp: 110545
Ion Ratio Lower Upper
97 100
99 62.6 50.2 75.2
61 46.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 53.011 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7116

Ion Ratio Lower Upper

65 100

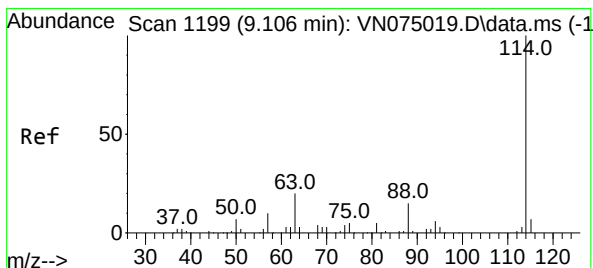
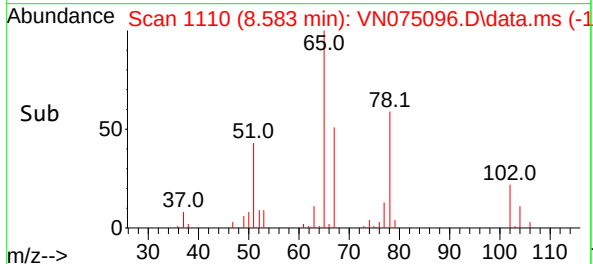
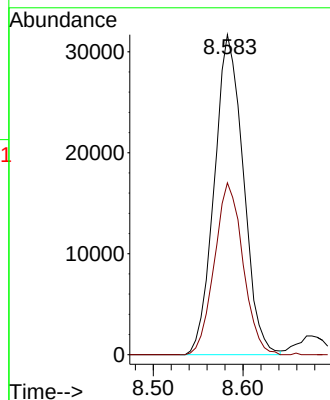
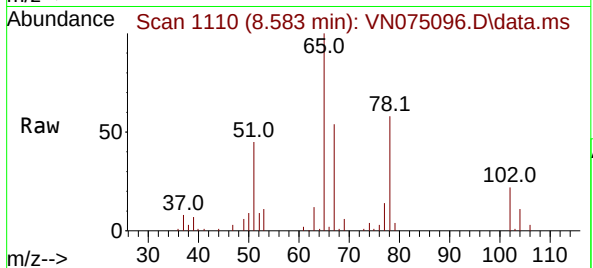
67 52.8 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

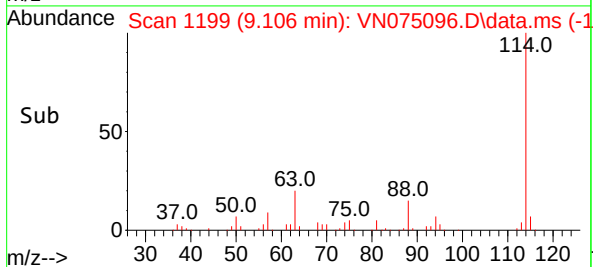
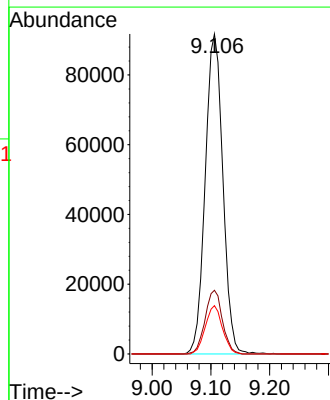
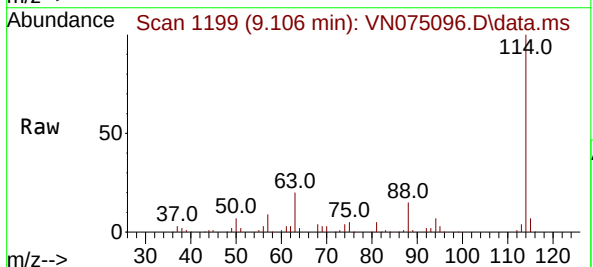
Tgt Ion:114 Resp: 190566

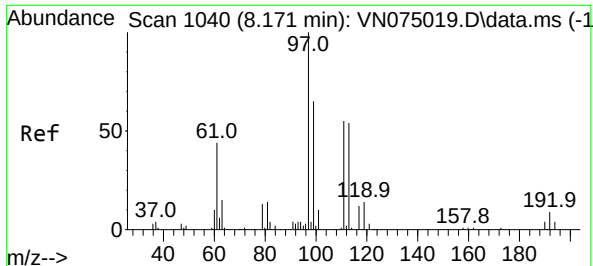
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

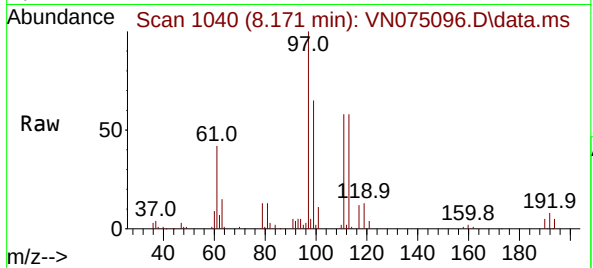
88 15.1 0.0 29.0





#35
Dibromofluoromethane
Concen: 52.237 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

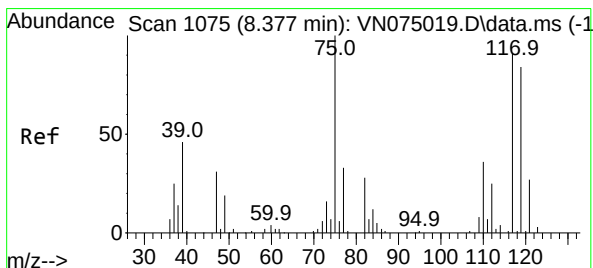
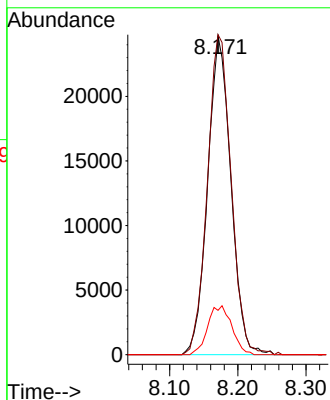
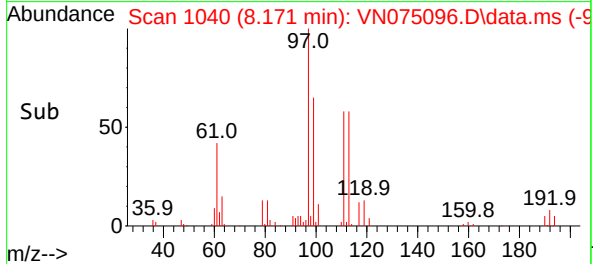
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



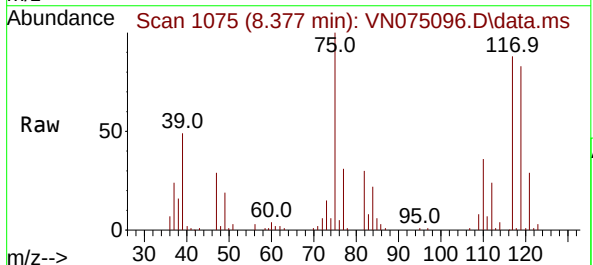
Tgt Ion:113 Resp: 58439
Ion Ratio Lower Upper
113 100
111 102.7 80.5 120.7
192 16.0 13.2 19.8

Manual Integrations
APPROVED

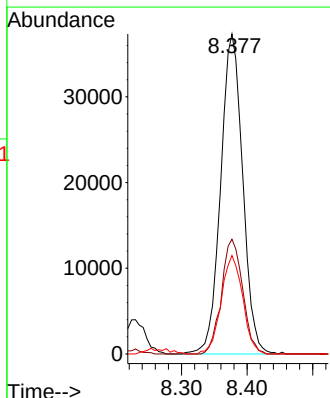
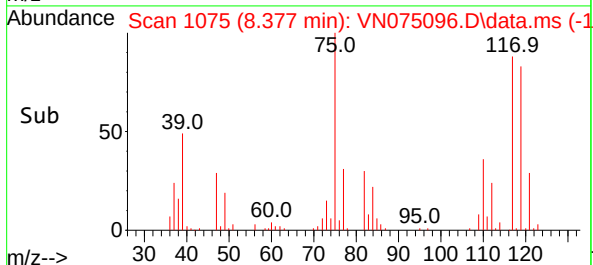
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

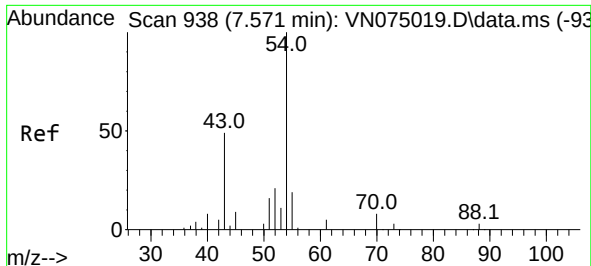


#36
1,1-Dichloropropene
Concen: 50.224 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



Tgt Ion: 75 Resp: 86987
Ion Ratio Lower Upper
75 100
110 34.5 17.8 53.3
77 30.0 24.6 37.0





#37

Ethyl Acetate

Concen: 47.724 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 9064

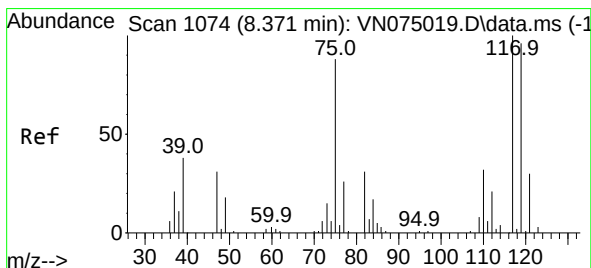
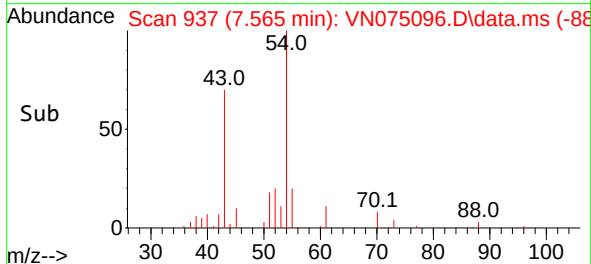
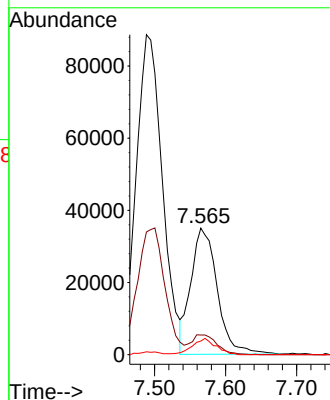
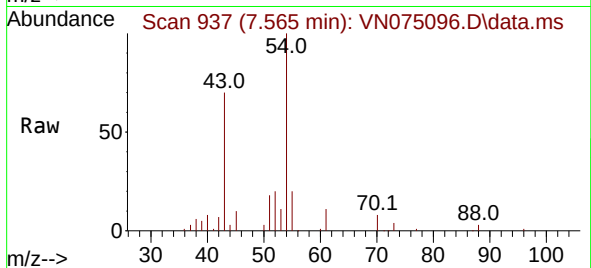
Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.2	18.4
70	11.4	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#38

Carbon Tetrachloride

Concen: 50.104 ug/l

RT: 8.371 min Scan# 1074

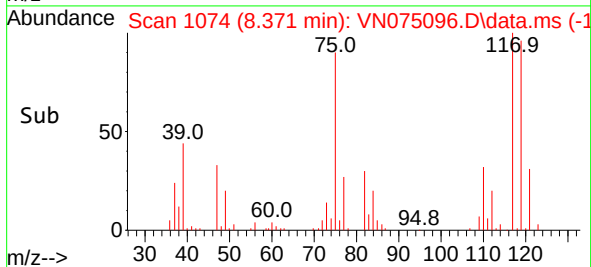
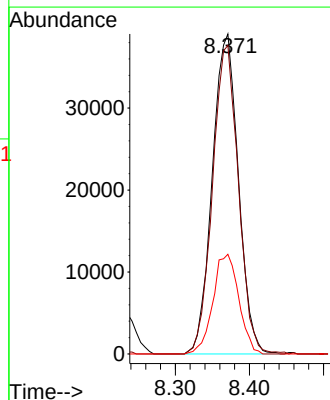
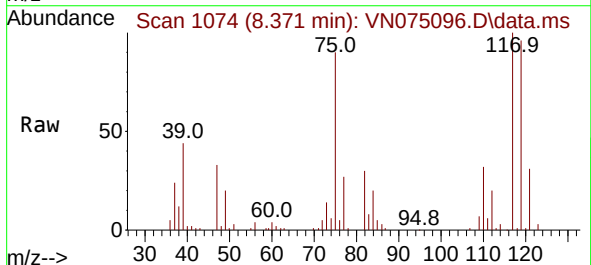
Delta R.T. -0.000 min

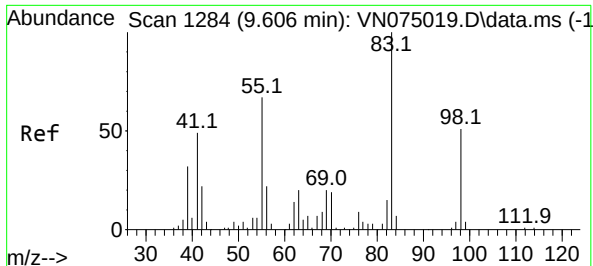
Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Tgt Ion:117 Resp: 95457

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.7	115.1
121	31.1	23.9	35.9





#39

Methylcyclohexane

Concen: 49.349 ug/l

RT: 9.606 min Scan# 11283

Delta R.T. 0.000 min

Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11283

Ion Ratio Lower Upper

83 100

55 66.0 53.6 80.4

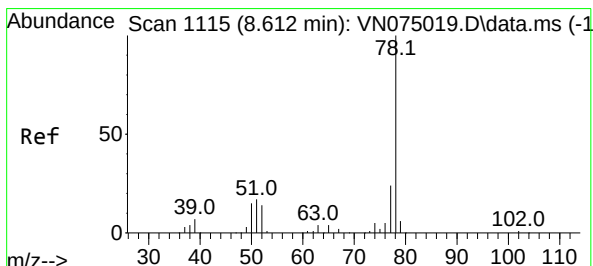
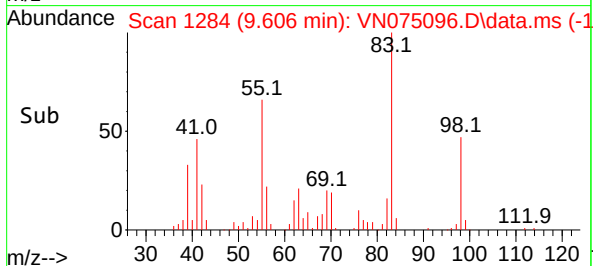
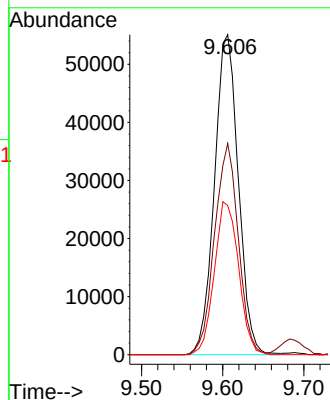
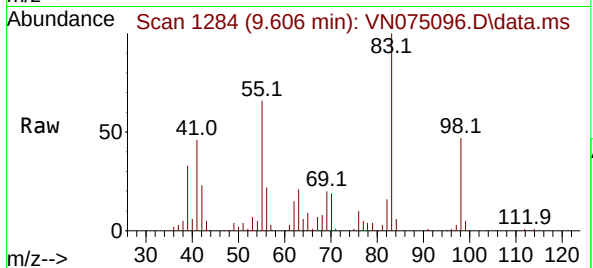
98 46.6 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#40

Benzene

Concen: 50.290 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075096.D

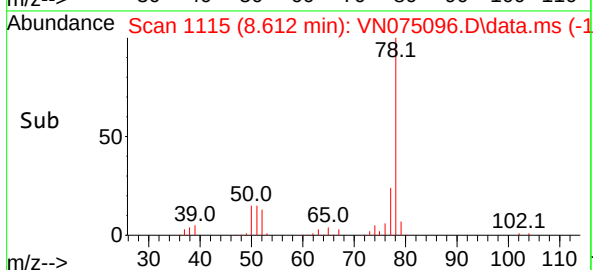
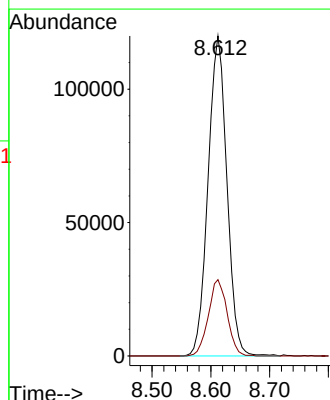
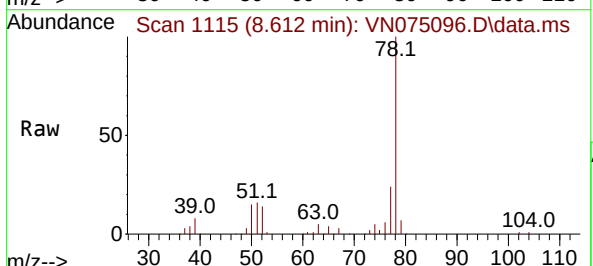
Acq: 31 Oct 2022 18:59

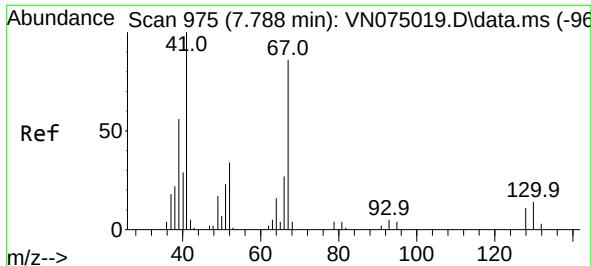
Tgt Ion: 78 Resp: 266693

Ion Ratio Lower Upper

78 100

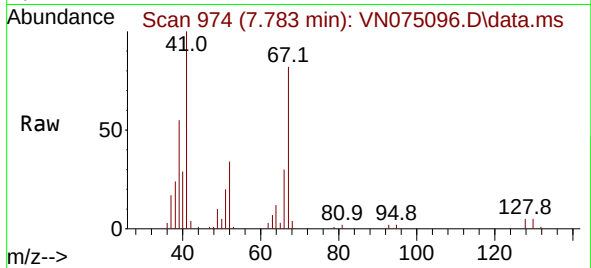
77 23.9 19.4 29.0





#41
Methacrylonitrile
Concen: 50.964 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

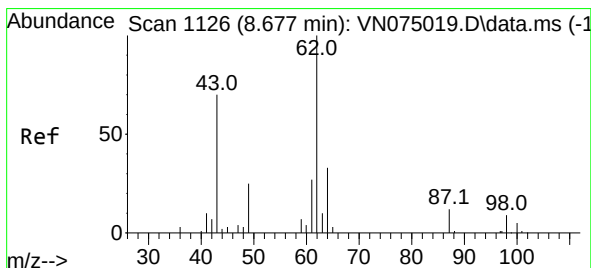
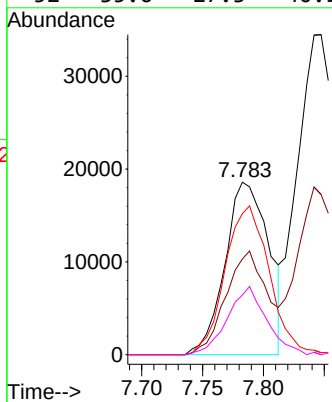
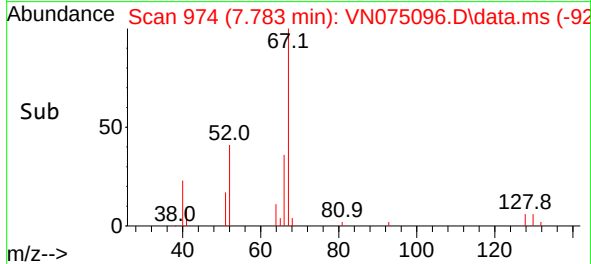
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 46378
Ion Ratio Lower Upper
41 100
39 56.9 44.4 66.6
67 87.4 69.8 104.6
52 35.6 27.3 40.9

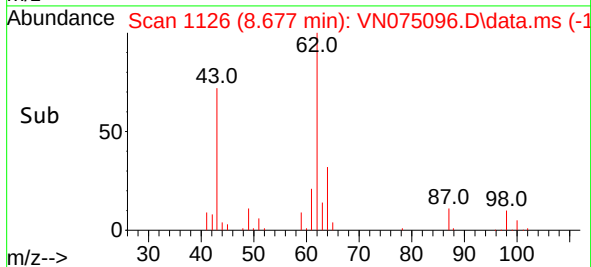
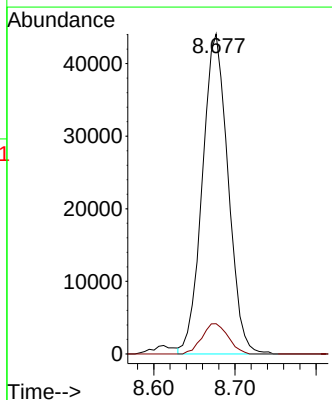
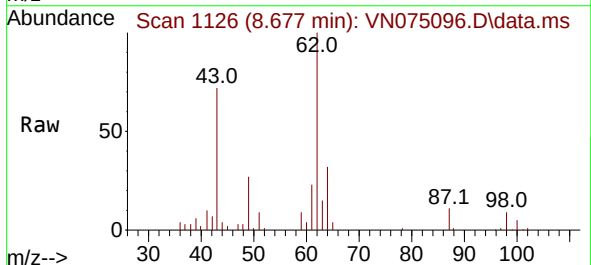
Manual Integrations
APPROVED

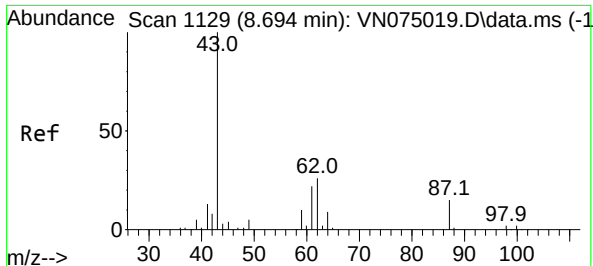
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#42
1,2-Dichloroethane
Concen: 50.354 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

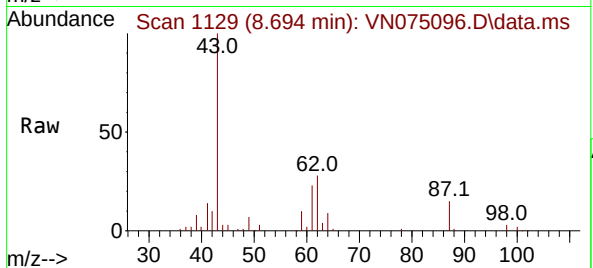
Tgt Ion: 62 Resp: 97151
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.2





#43
Isopropyl Acetate
Concen: 50.429 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

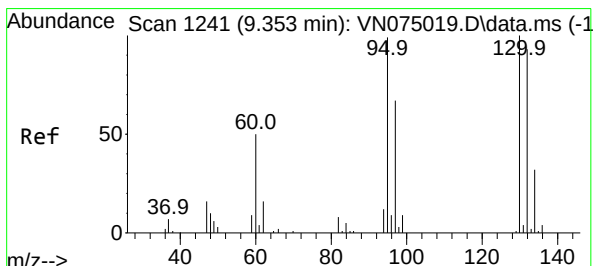
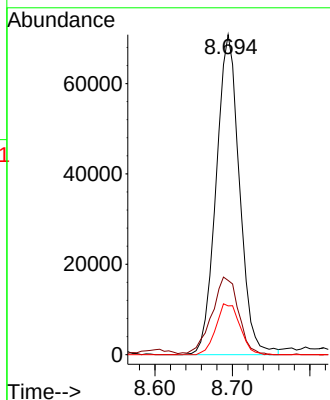
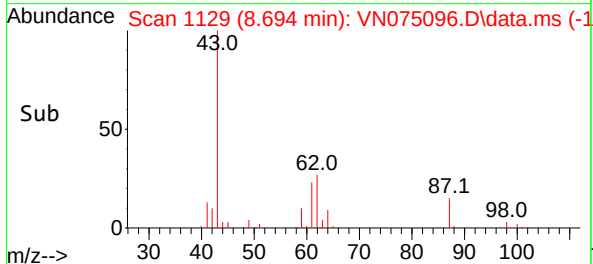
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



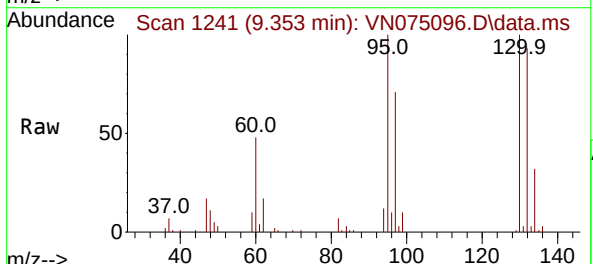
Tgt Ion: 43 Resp: 14857
Ion Ratio Lower Upper
43 100
61 27.9 22.4 33.6
87 16.3 12.5 18.7

Manual Integrations
APPROVED

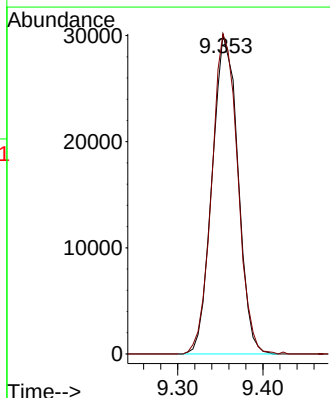
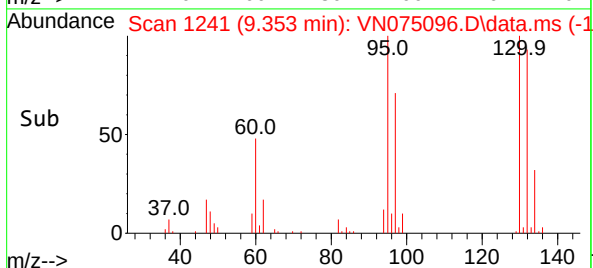
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

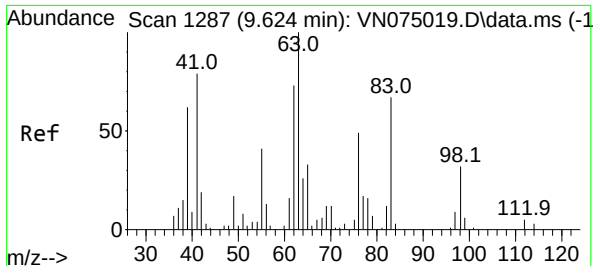


#44
Trichloroethene
Concen: 47.562 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



Tgt Ion:130 Resp: 63280
Ion Ratio Lower Upper
130 100
95 100.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 52.204 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6588

Ion Ratio Lower Upper

63 100

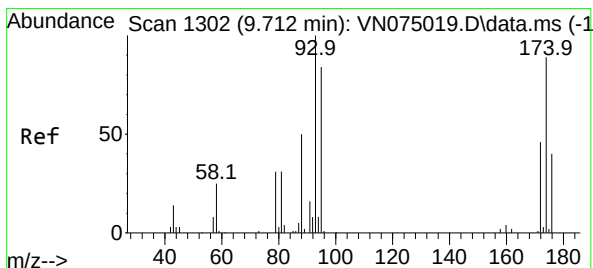
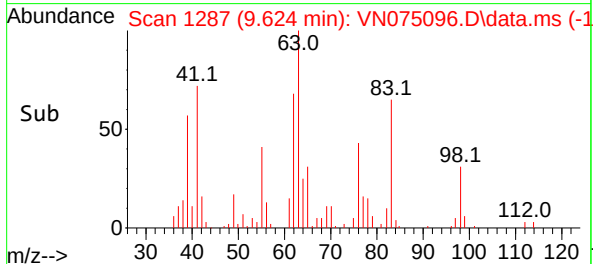
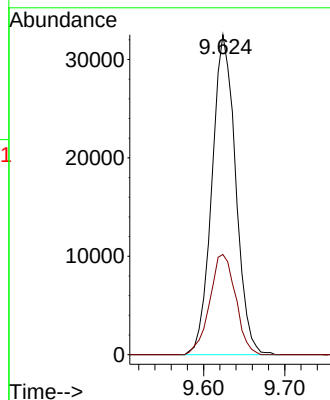
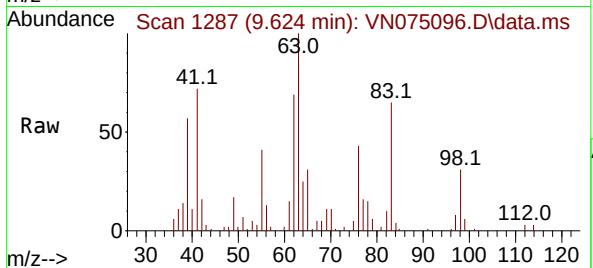
65 31.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#46

Dibromomethane

Concen: 50.420 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

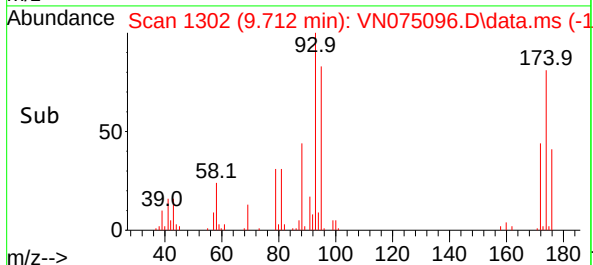
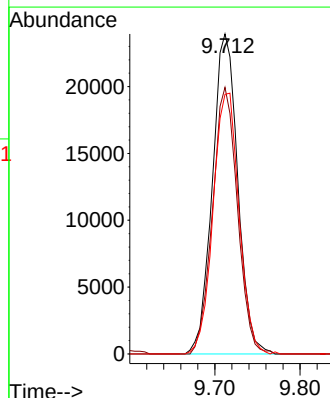
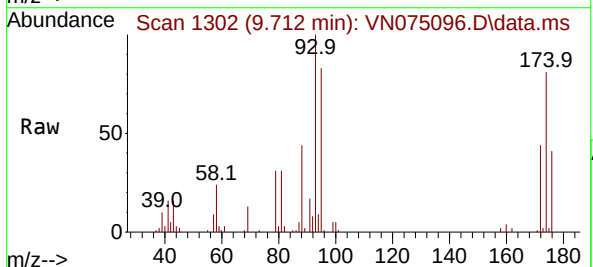
Tgt Ion: 93 Resp: 49574

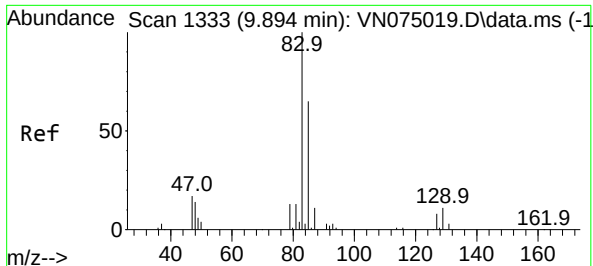
Ion Ratio Lower Upper

93 100

95 81.9 66.6 99.8

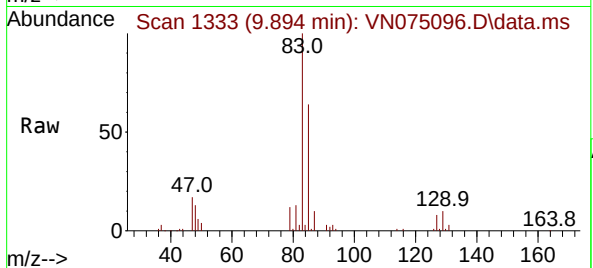
174 83.5 70.3 105.5





#47
Bromodichloromethane
Concen: 51.069 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

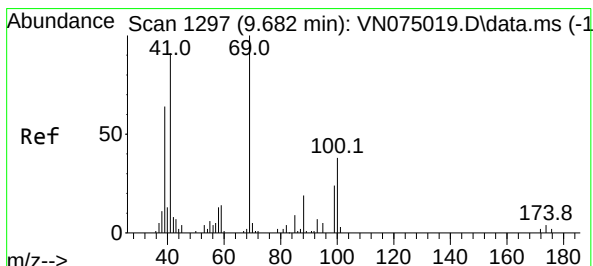
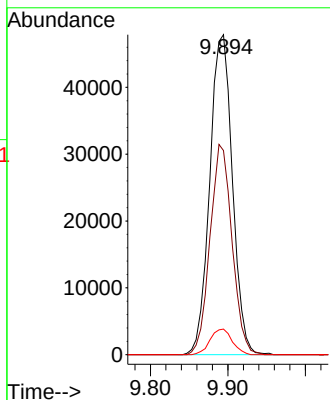
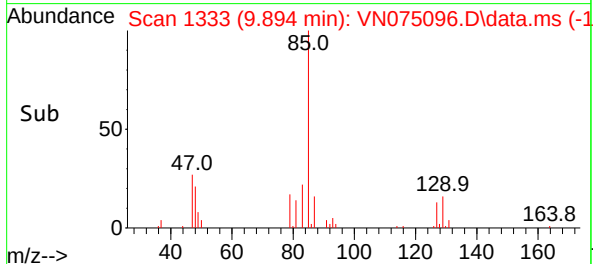
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



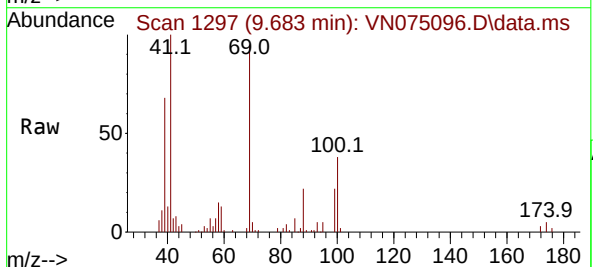
Tgt Ion: 83 Resp: 97238
Ion Ratio Lower Upper
83 100
85 63.8 52.1 78.1
127 8.0 6.6 10.0

Manual Integrations
APPROVED

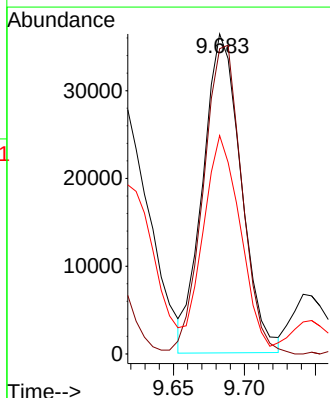
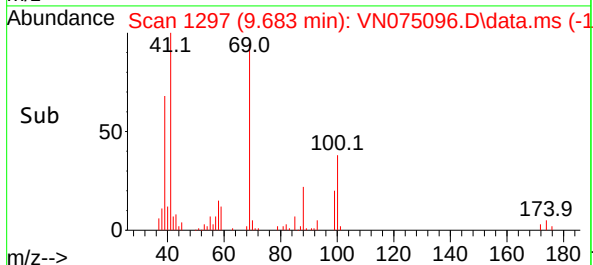
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

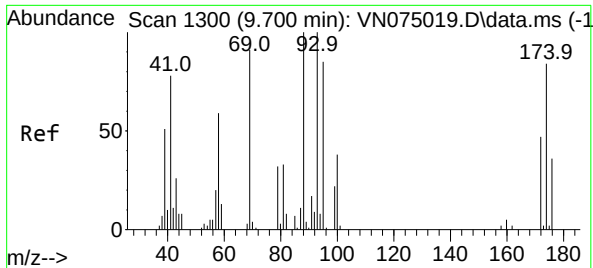


#48
Methyl methacrylate
Concen: 50.410 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.001 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



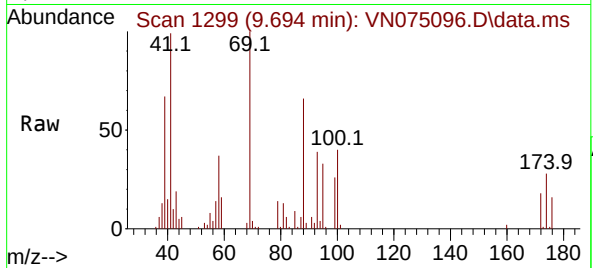
Tgt Ion: 41 Resp: 68129
Ion Ratio Lower Upper
41 100
69 97.3 80.2 120.2
39 67.2 56.2 84.2





#49
1,4-Dioxane
Concen: 969.022 ug/l
RT: 9.694 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

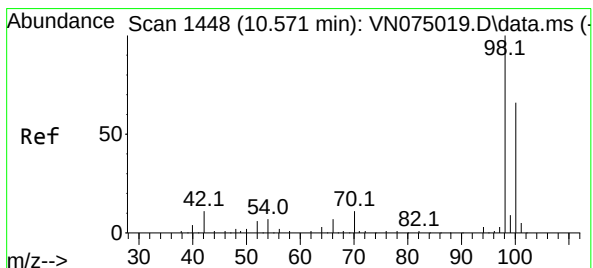
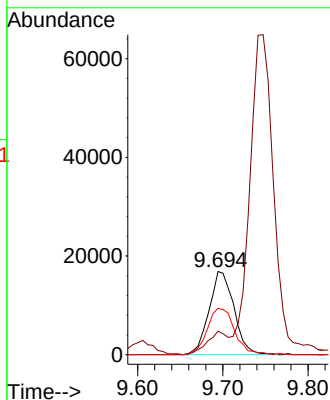
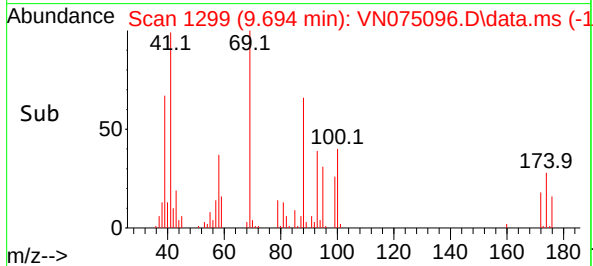
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 34294
Ion Ratio Lower Upper
88 100
43 22.8 17.5 26.3
58 60.9 49.8 74.8

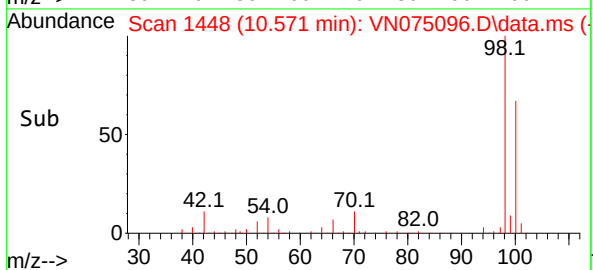
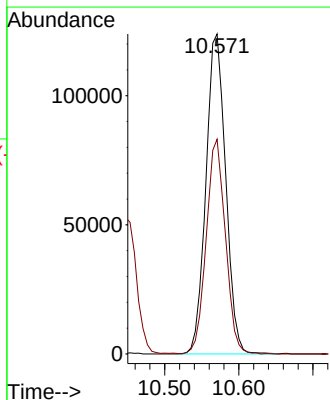
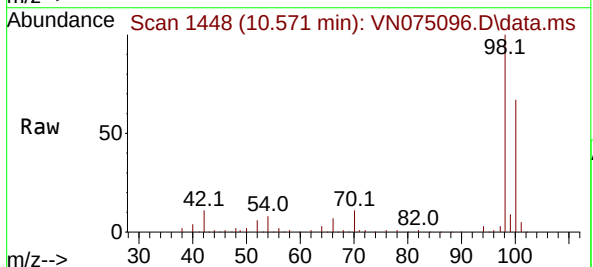
Manual Integrations
APPROVED

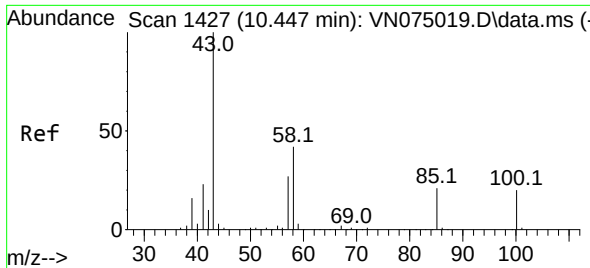
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#50
Toluene-d8
Concen: 52.846 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Tgt Ion: 98 Resp: 229367
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6





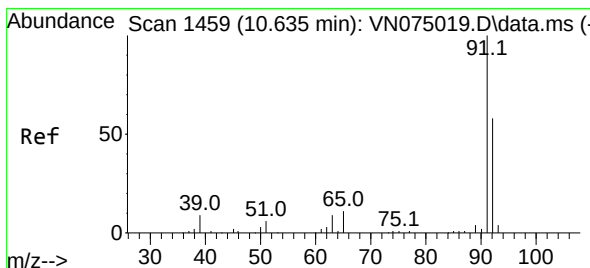
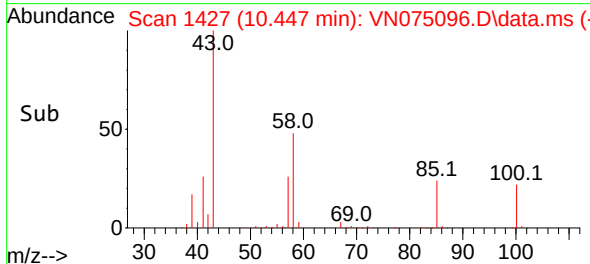
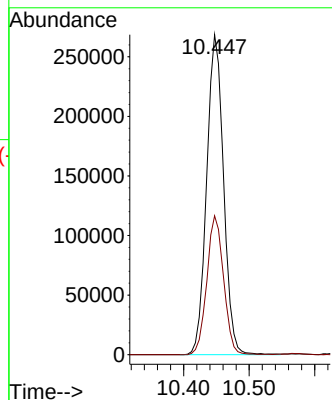
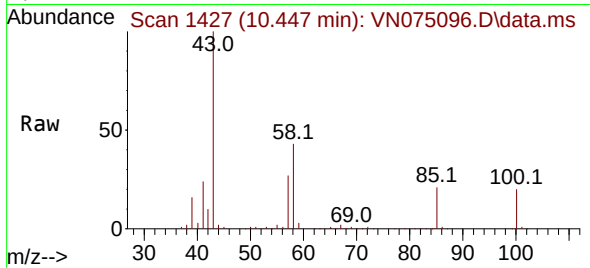
#51
4-Methyl-2-Pentanone
Concen: 253.431 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 481830
Ion Ratio Lower Upper
43 100
58 43.0 33.6 50.4

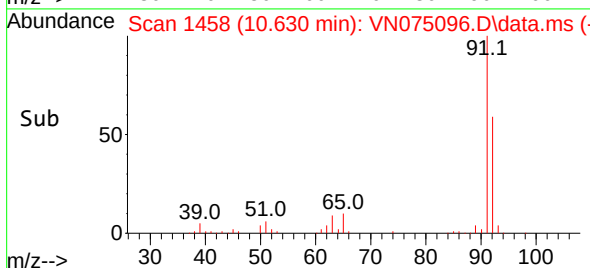
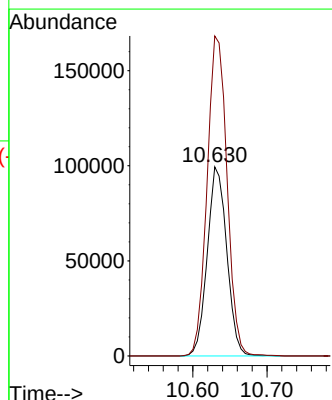
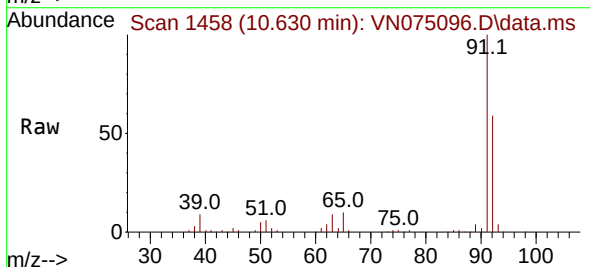
Manual Integrations
APPROVED

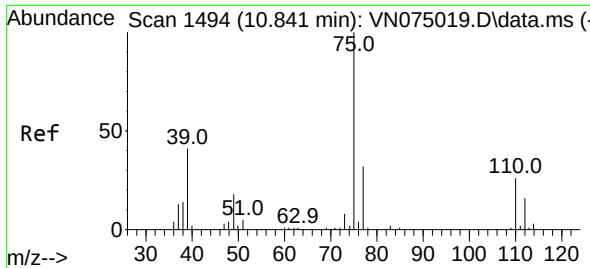
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#52
Toluene
Concen: 51.331 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.005 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Tgt Ion: 92 Resp: 181963
Ion Ratio Lower Upper
92 100
91 172.9 135.4 203.2





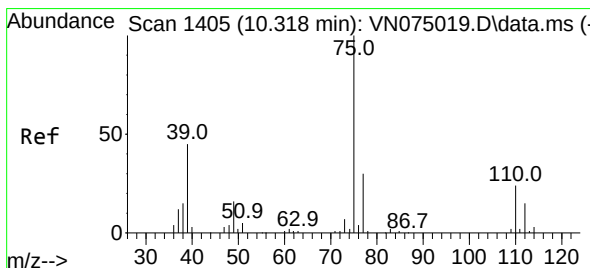
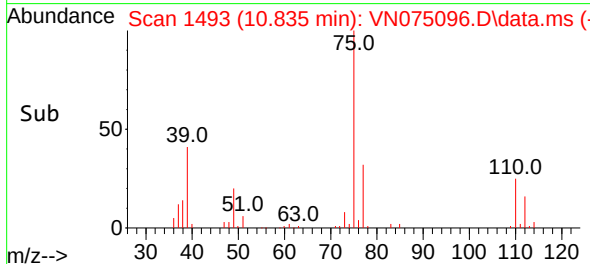
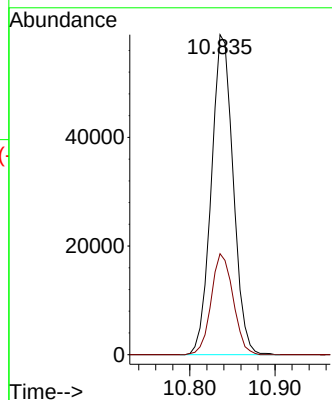
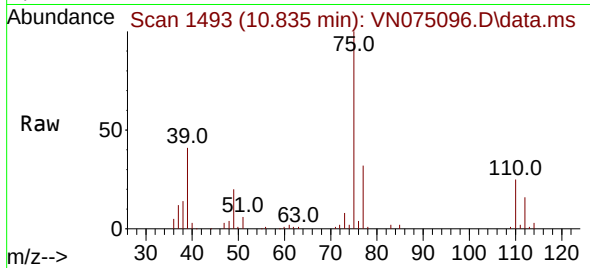
#53
 t-1,3-Dichloropropene
 Concen: 52.251 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075096.D
 Acq: 31 Oct 2022 18:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 10501
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2

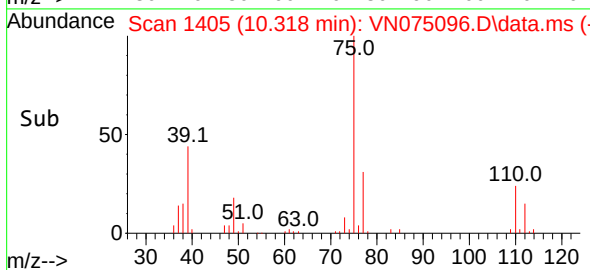
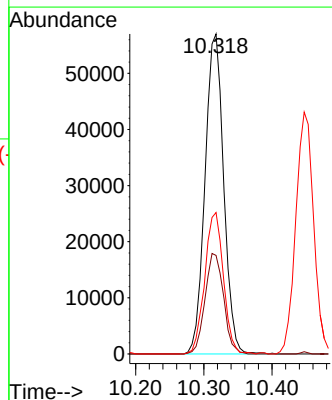
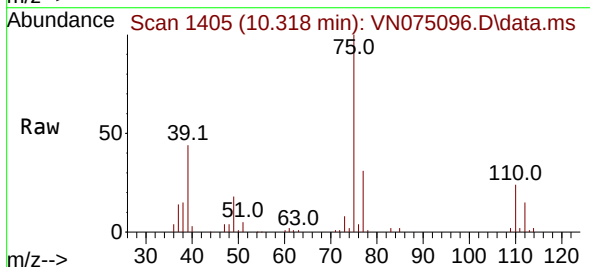
Manual Integrations
 APPROVED

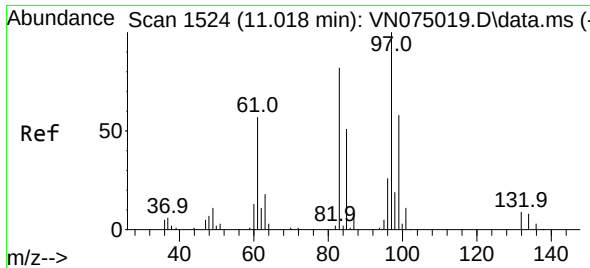
Reviewed By :John Carlone 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022



#54
 cis-1,3-Dichloropropene
 Concen: 50.962 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN075096.D
 Acq: 31 Oct 2022 18:59

Tgt Ion: 75 Resp: 108631
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.7 35.5
 39 44.2 35.8 53.6





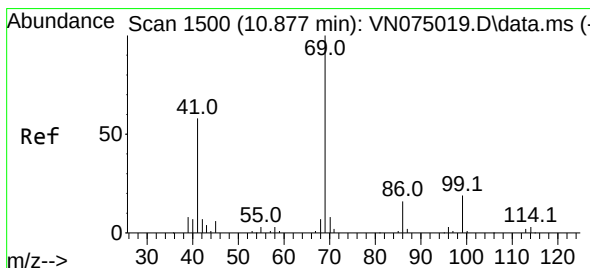
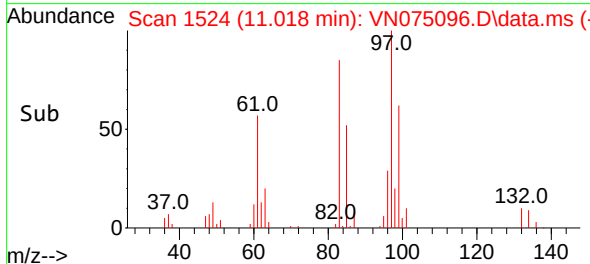
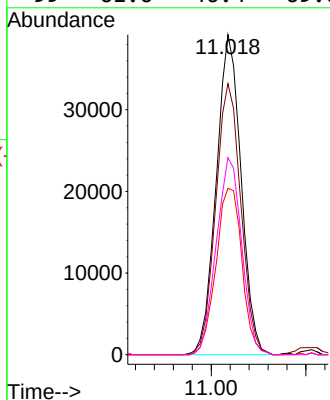
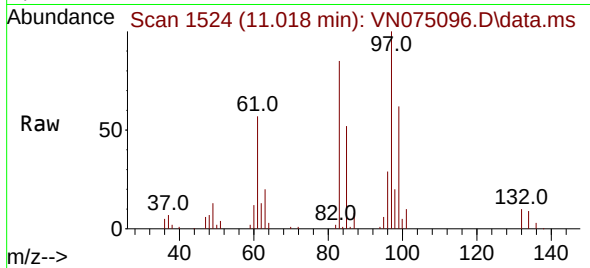
#55
1,1,2-Trichloroethane
Concen: 50.785 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97	Resp: 7138
Ion Ratio	Lower Upper
97 100	
83 84.7	65.9 98.9
85 52.0	40.4 60.6
99 61.6	46.4 69.6

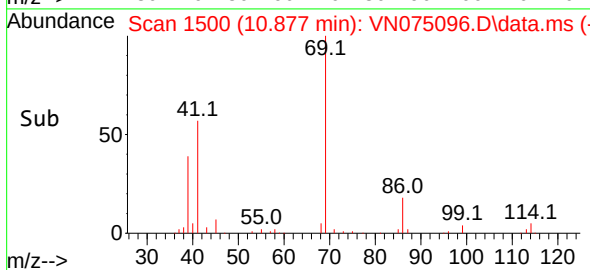
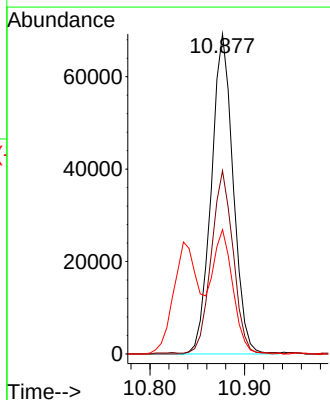
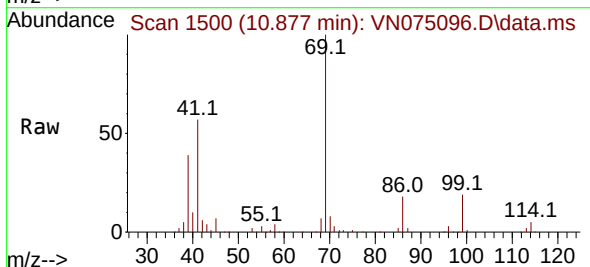
Manual Integrations
APPROVED

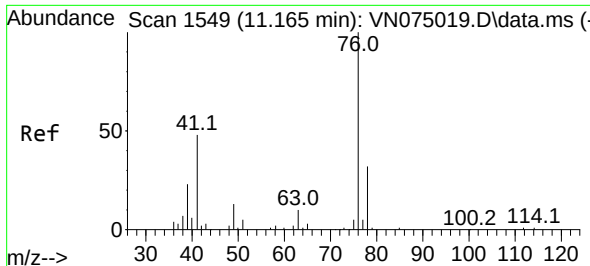
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#56
Ethyl methacrylate
Concen: 51.729 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Tgt Ion: 69	Resp: 110909
Ion Ratio	Lower Upper
69 100	
41 57.5	45.6 68.4
39 35.9	28.5 42.7





#57

1,3-Dichloropropane

Concen: 51.713 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 121048

Ion Ratio Lower Upper

76 100

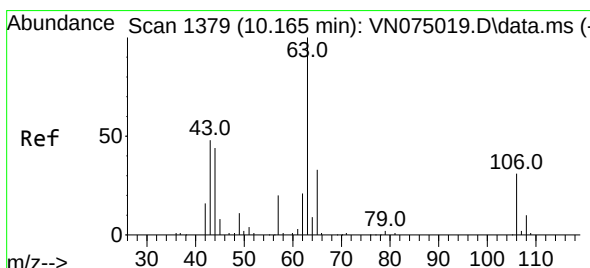
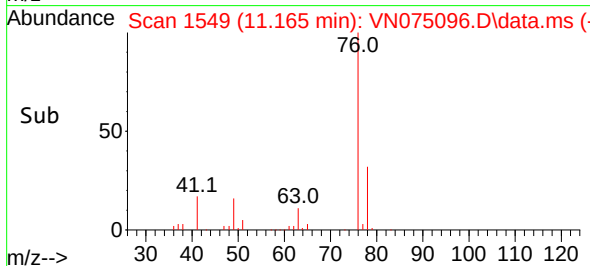
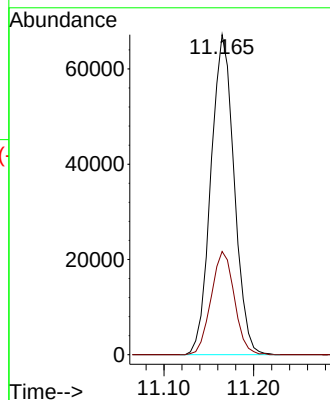
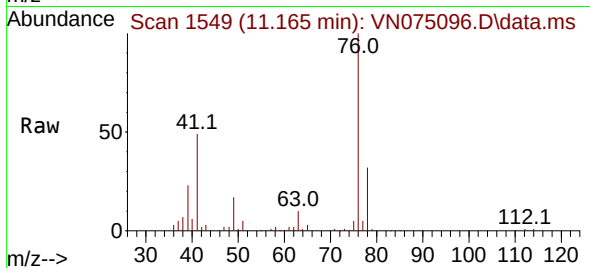
78 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 267.398 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075096.D

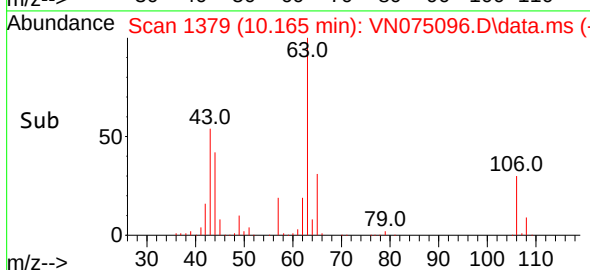
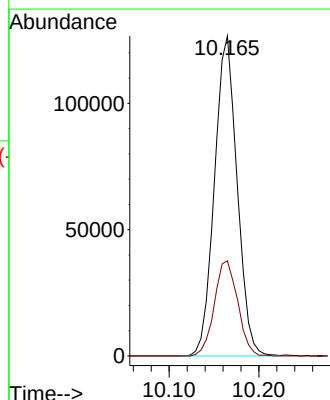
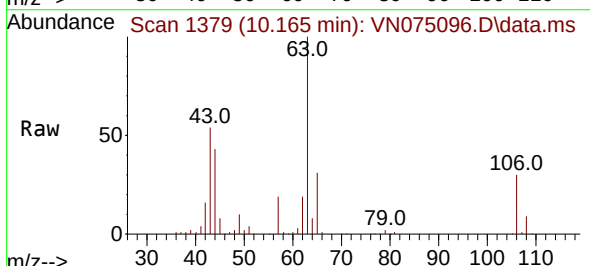
Acq: 31 Oct 2022 18:59

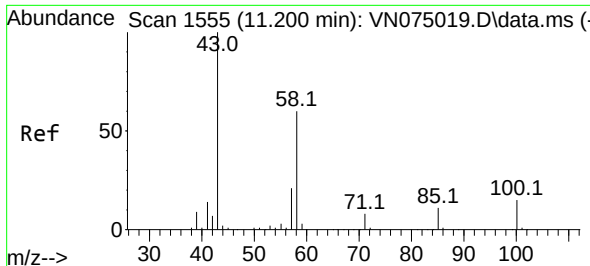
Tgt Ion: 63 Resp: 221643

Ion Ratio Lower Upper

63 100

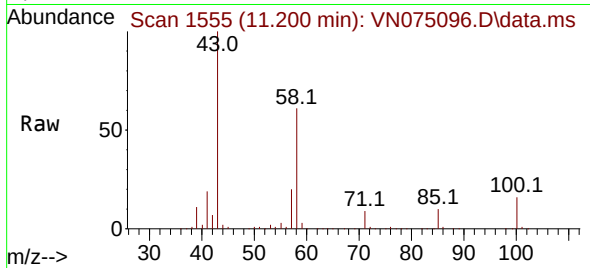
106 30.7 24.8 37.2





#59
2-Hexanone
Concen: 254.713 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

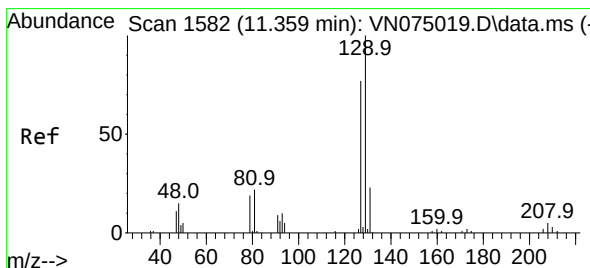
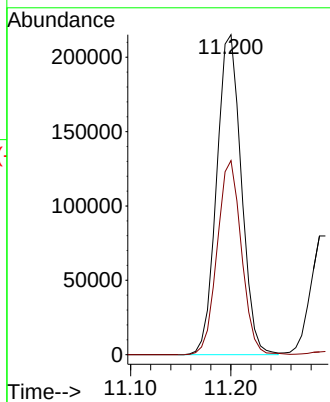
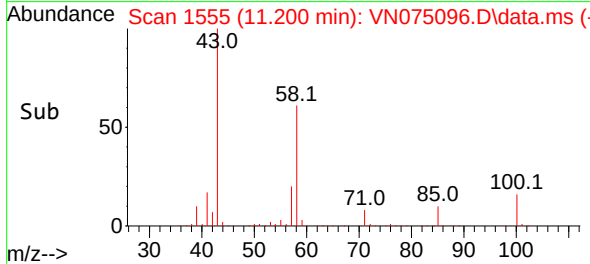
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 36754
Ion Ratio Lower Upper
43 100
58 59.5 29.6 88.8

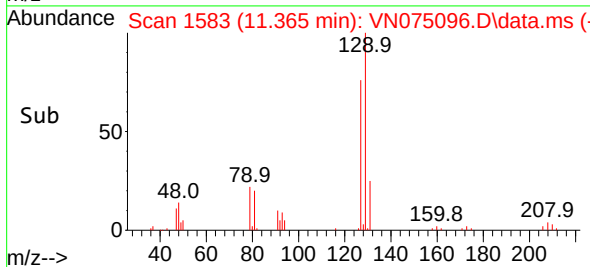
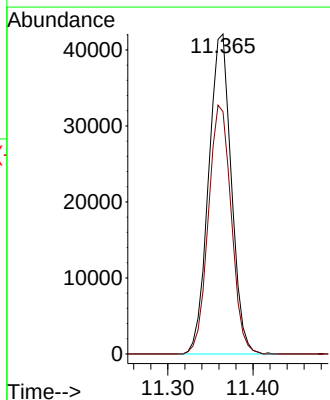
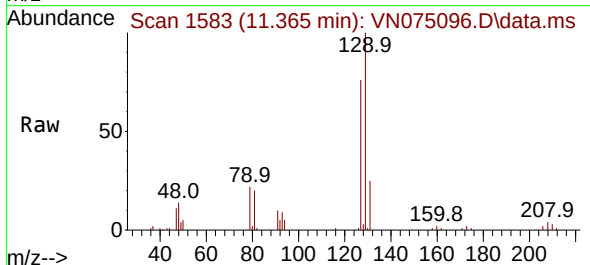
Manual Integrations
APPROVED

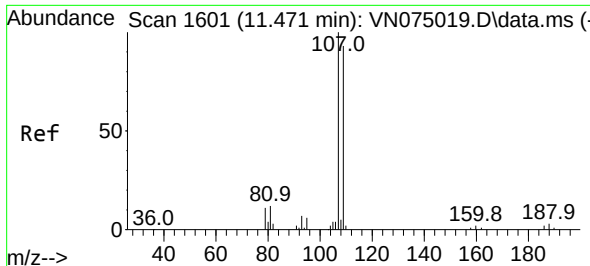
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#60
Dibromochloromethane
Concen: 52.687 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

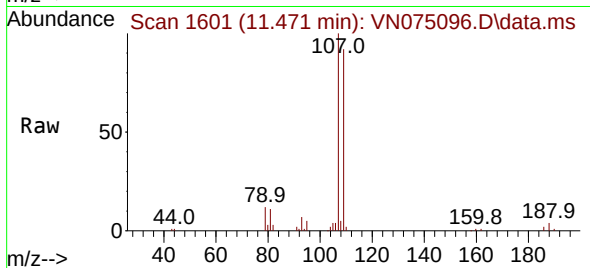
Tgt Ion:129 Resp: 78132
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 53.109 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

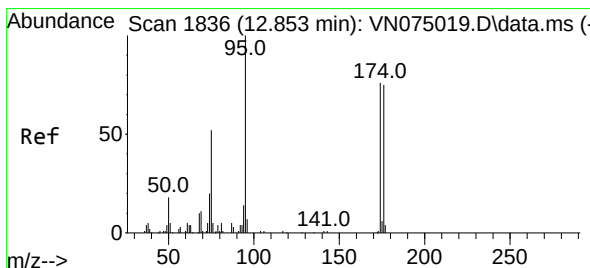
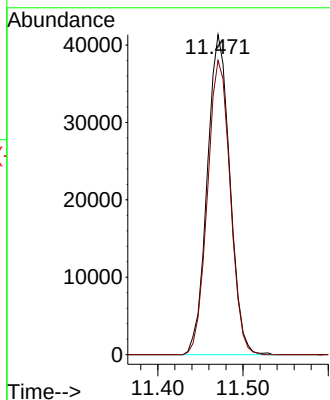
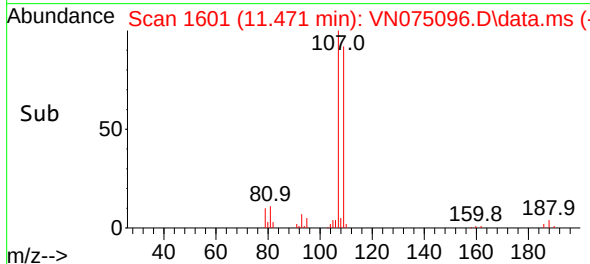
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 76502
Ion Ratio Lower Upper
107 100
109 92.3 75.6 113.4

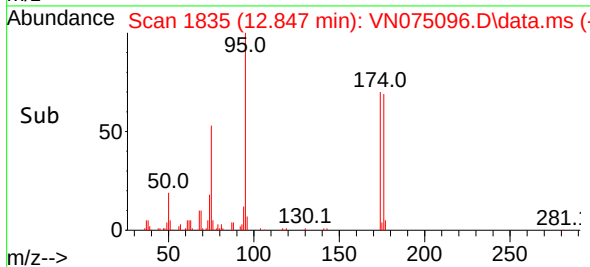
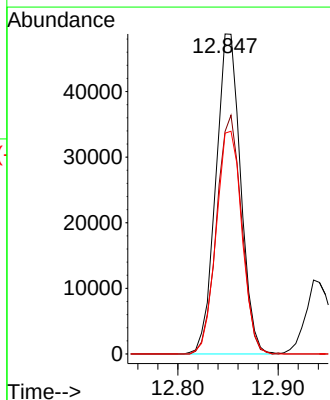
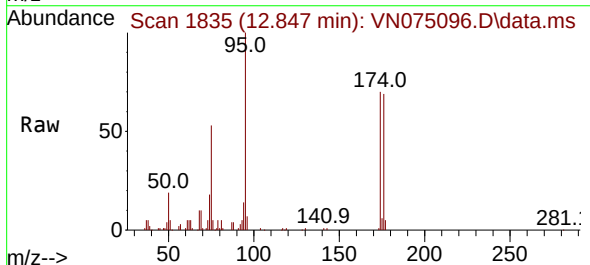
Manual Integrations
APPROVED

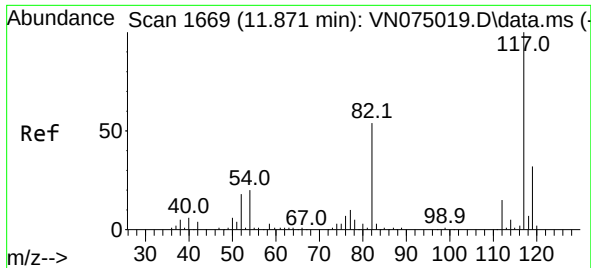
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#62
4-Bromofluorobenzene
Concen: 54.810 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

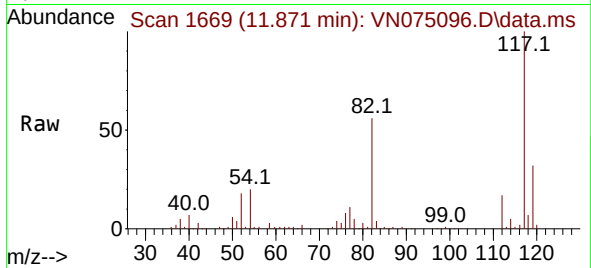
Tgt Ion: 95 Resp: 83568
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.4
176 72.4 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

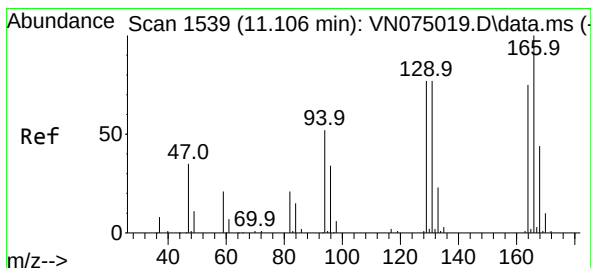
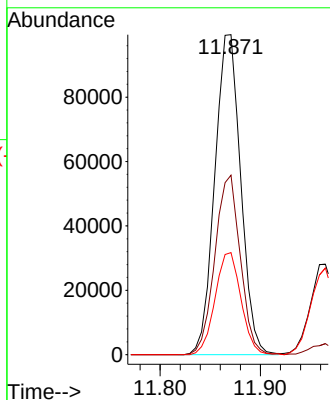
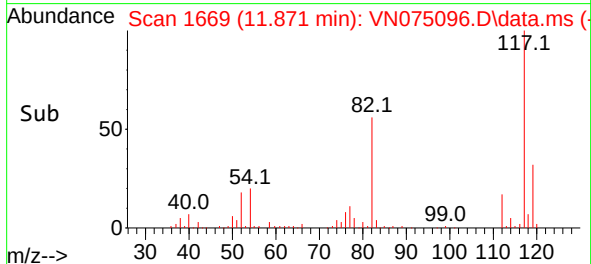
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 17872
Ion Ratio Lower Upper
117 100
82 56.1 43.1 64.7
119 31.9 25.5 38.3

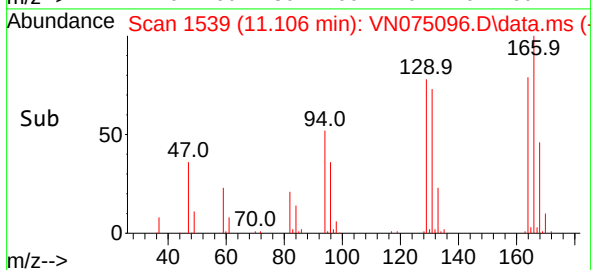
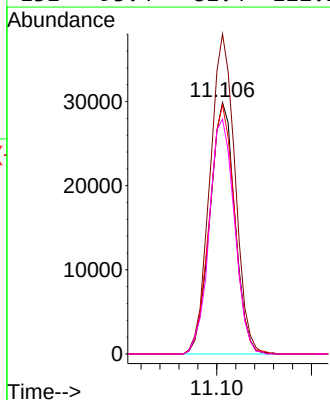
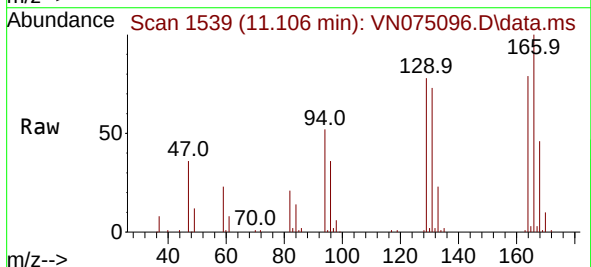
Manual Integrations
APPROVED

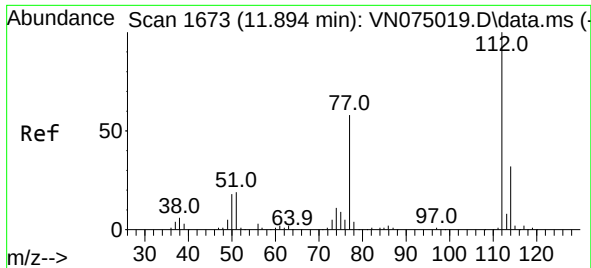
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#64
Tetrachloroethene
Concen: 49.706 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

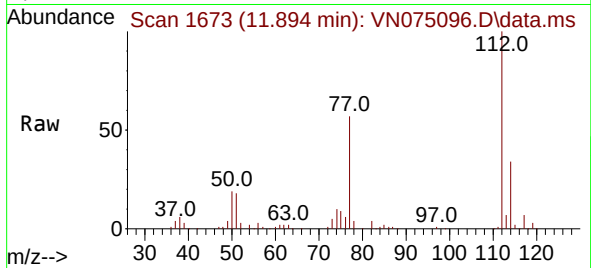
Tgt Ion:164 Resp: 54464
Ion Ratio Lower Upper
164 100
166 127.2 106.5 159.7
129 99.1 81.9 122.9
131 93.4 81.4 122.2





#65
Chlorobenzene
Concen: 50.058 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

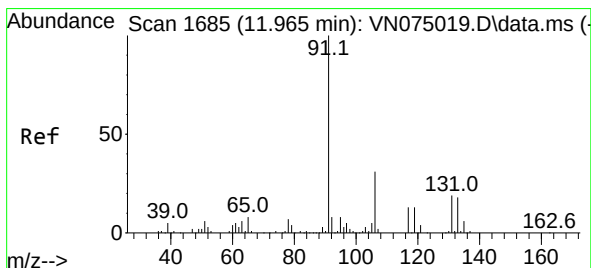
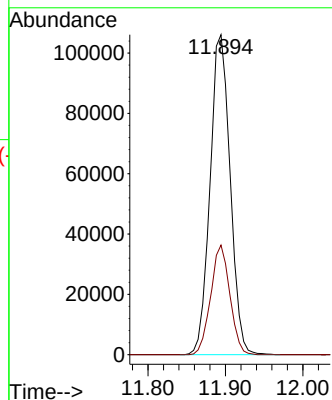
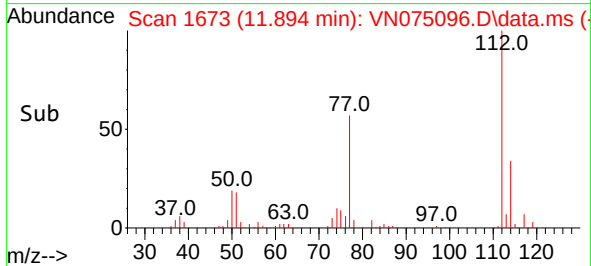
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



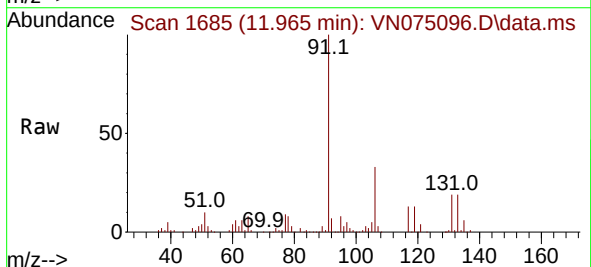
Tgt Ion:112 Resp: 190960
Ion Ratio Lower Upper
112 100
114 34.3 25.4 38.2

Manual Integrations
APPROVED

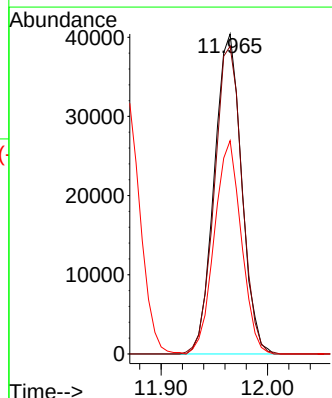
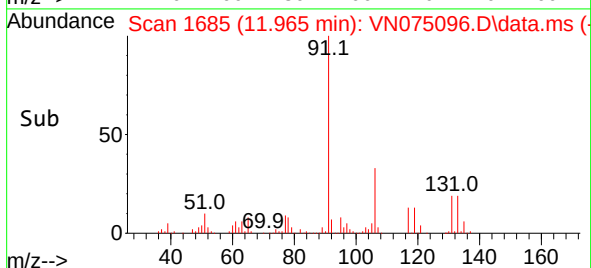
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

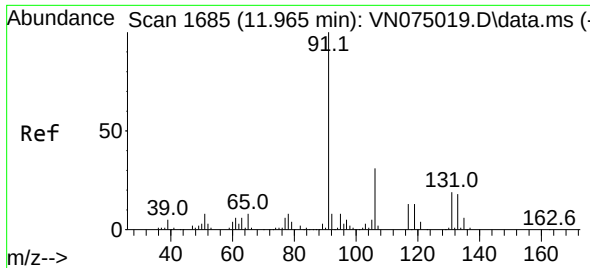


#66
1,1,1,2-Tetrachloroethane
Concen: 50.814 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



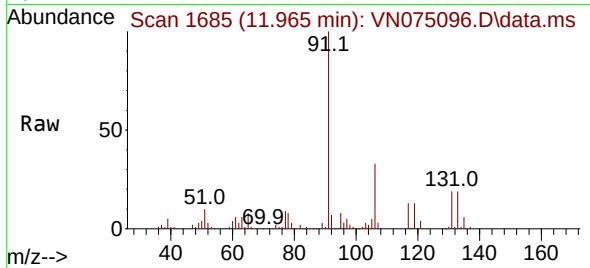
Tgt Ion:131 Resp: 71910
Ion Ratio Lower Upper
131 100
133 97.3 47.8 143.4
119 65.8 33.0 99.0





#67
Ethyl Benzene
Concen: 50.905 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

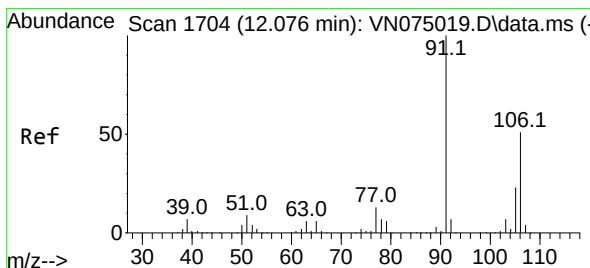
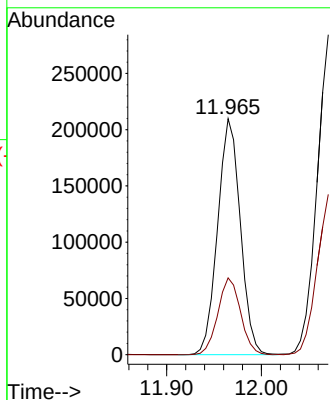
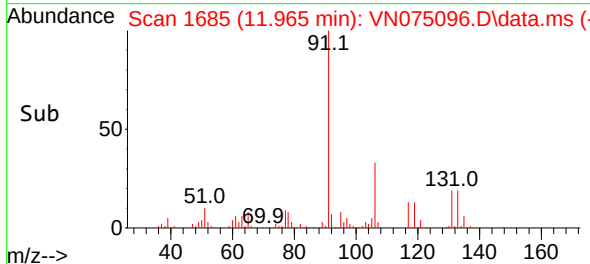
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



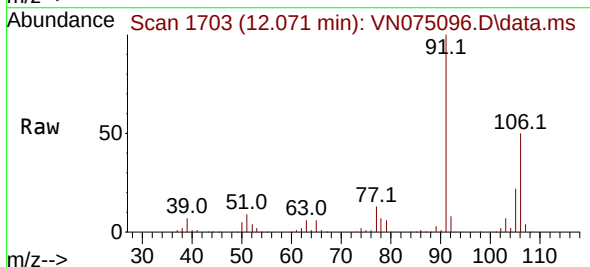
Tgt Ion: 91 Resp: 349380
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

Manual Integrations
APPROVED

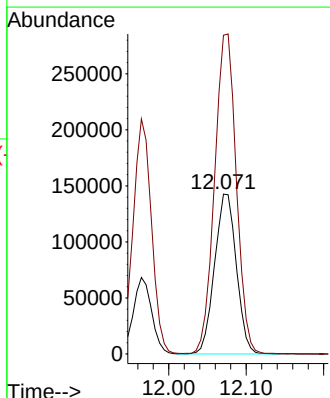
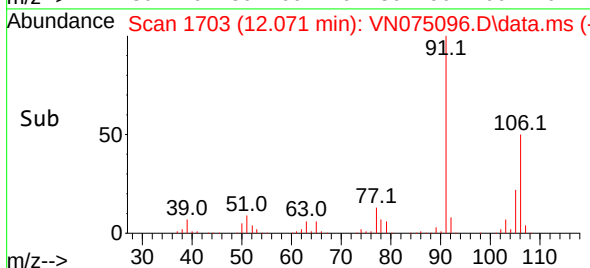
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

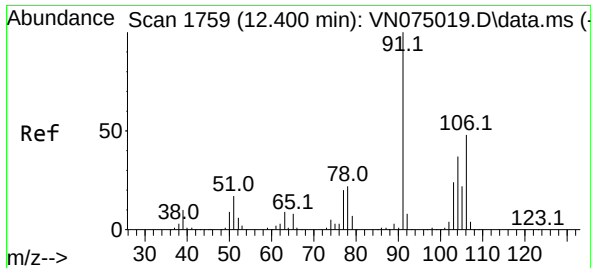


#68
m/p-Xylenes
Concen: 101.340 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



Tgt Ion:106 Resp: 279087
Ion Ratio Lower Upper
106 100
91 200.2 156.0 234.0





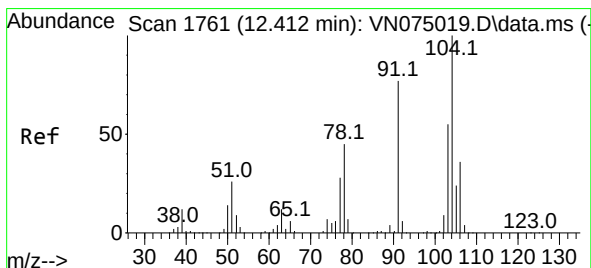
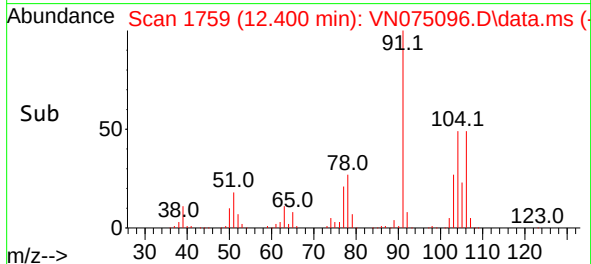
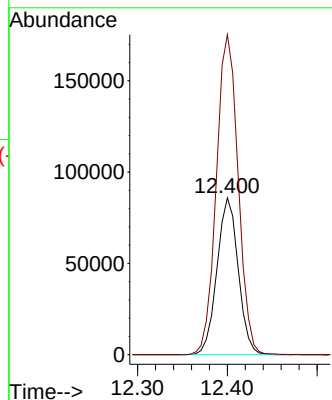
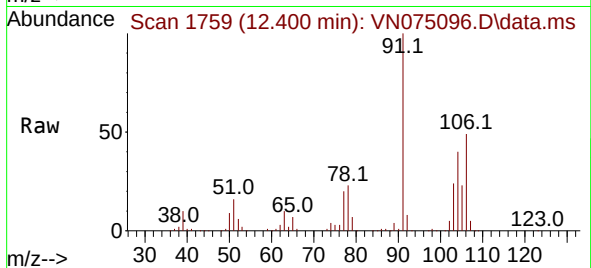
#69
o-Xylene
Concen: 51.737 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 14090
Ion Ratio Lower Upper
106 100
91 209.7 105.2 315.5

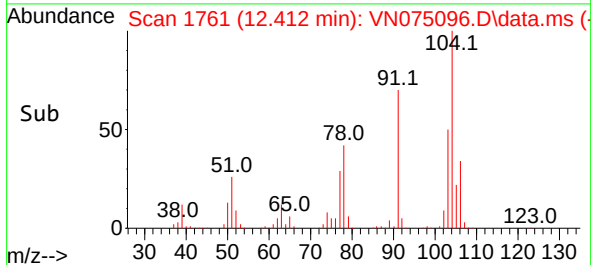
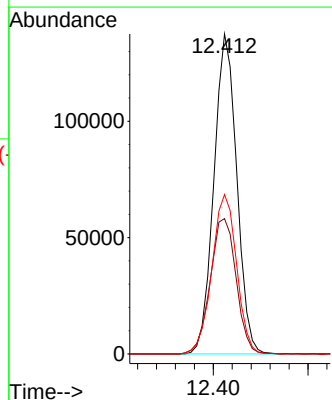
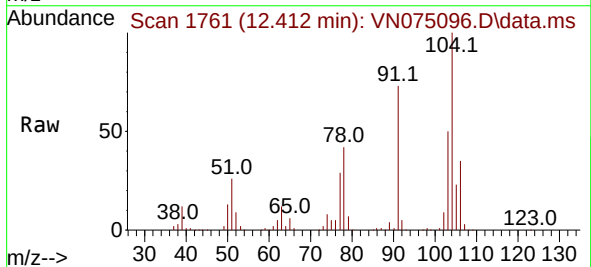
Manual Integrations
APPROVED

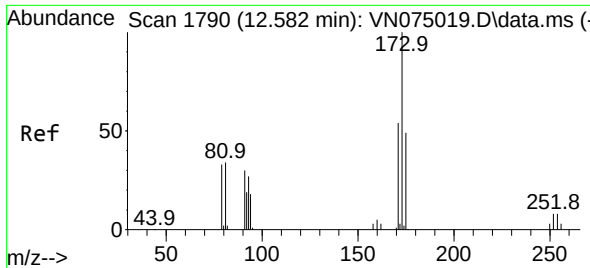
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#70
Styrene
Concen: 53.093 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

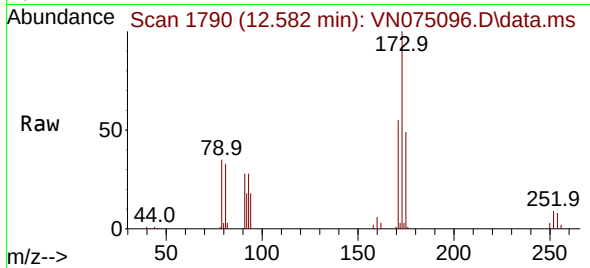
Tgt Ion:104 Resp: 230565
Ion Ratio Lower Upper
104 100
78 47.8 38.1 57.1
103 53.8 44.6 66.8





#71
Bromoform
Concen: 52.397 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

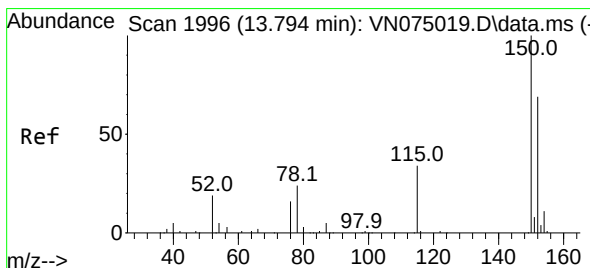
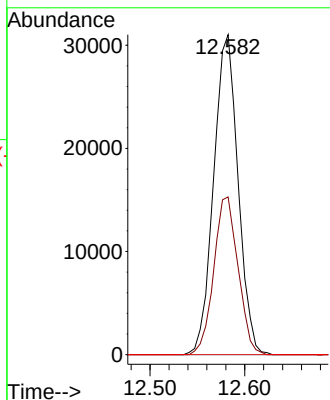
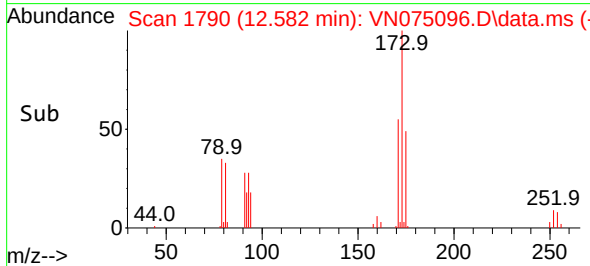
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



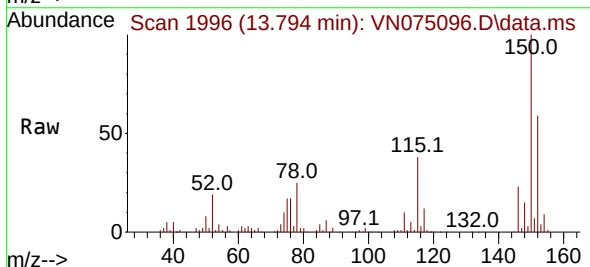
Tgt Ion:173 Resp: 55510
Ion Ratio Lower Upper
173 100
175 49.1 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

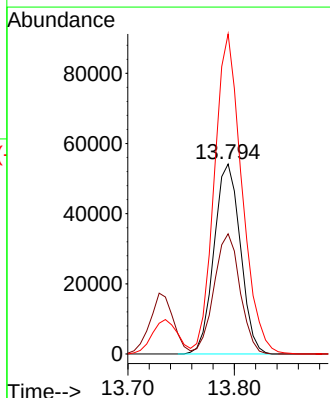
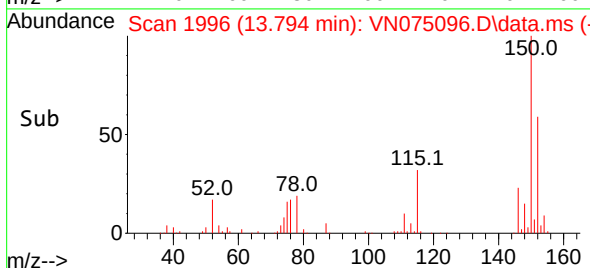
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

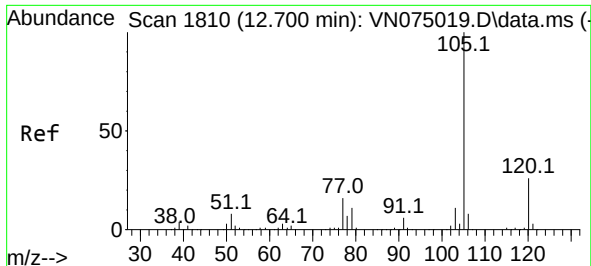


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



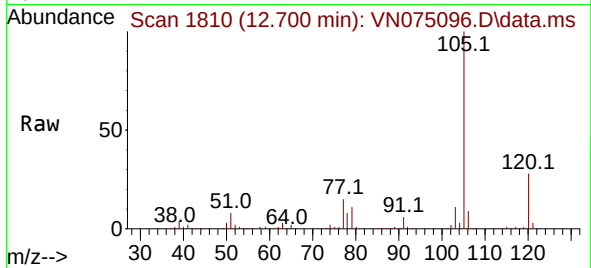
Tgt Ion:152 Resp: 92844
Ion Ratio Lower Upper
152 100
115 62.5 30.2 90.6
150 176.2 0.0 348.4





#73
Isopropylbenzene
Concen: 48.314 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

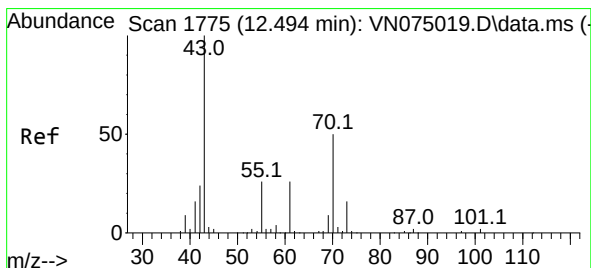
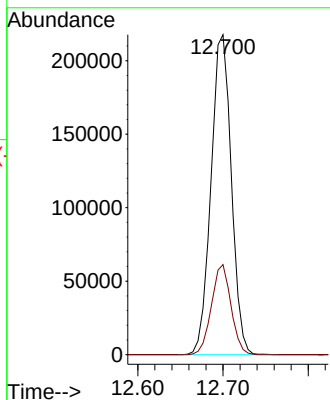
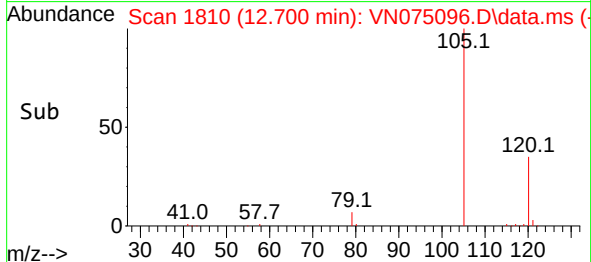
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



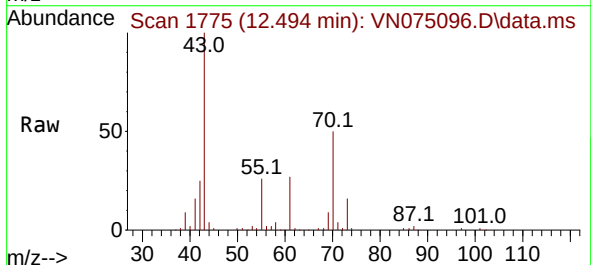
Tgt Ion:105 Resp: 36011
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

Manual Integrations
APPROVED

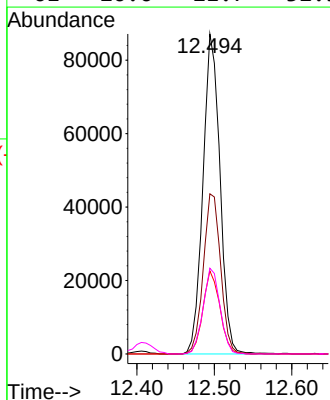
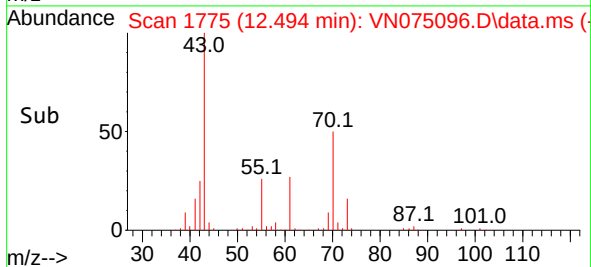
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

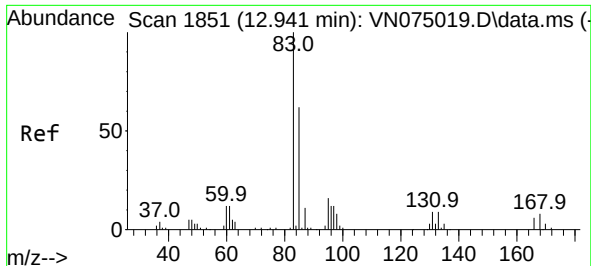


#74
N-ethyl acetate
Concen: 48.373 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



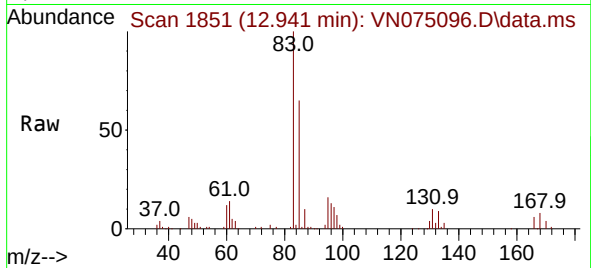
Tgt Ion: 43 Resp: 133352
Ion Ratio Lower Upper
43 100
70 50.8 39.8 59.8
55 25.8 19.9 29.9
61 26.6 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 55.635 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

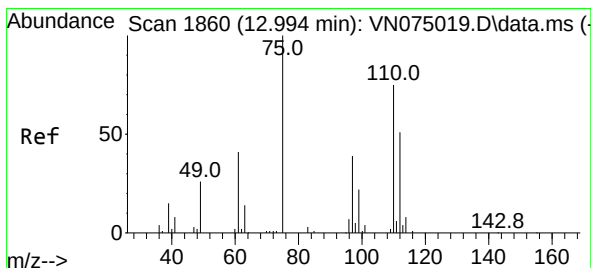
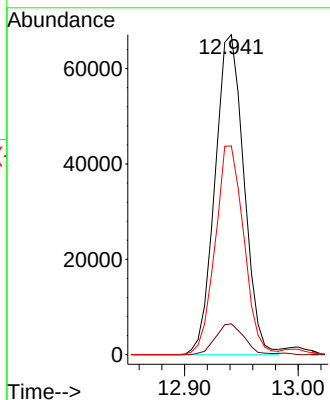
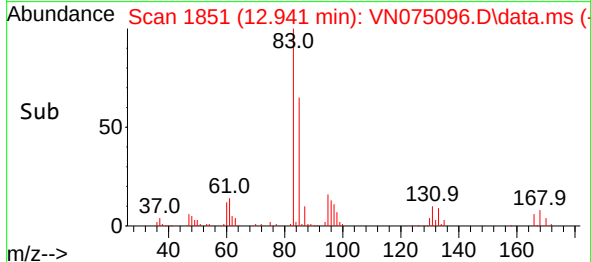
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 118940
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 64.6 31.6 94.7

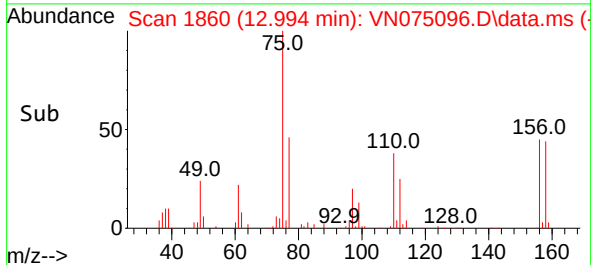
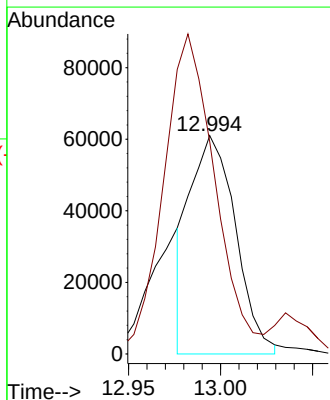
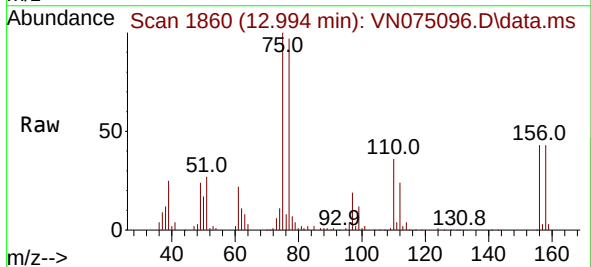
Manual Integrations
APPROVED

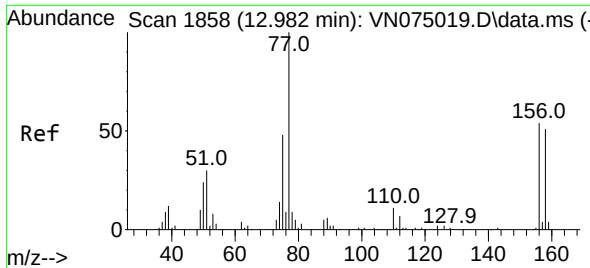
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#76
1,2,3-Trichloropropane
Concen: 53.244 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Tgt Ion: 75 Resp: 104962
Ion Ratio Lower Upper
75 100
77 166.3 75.6 226.8





#77
Bromobenzene
Concen: 47.925 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

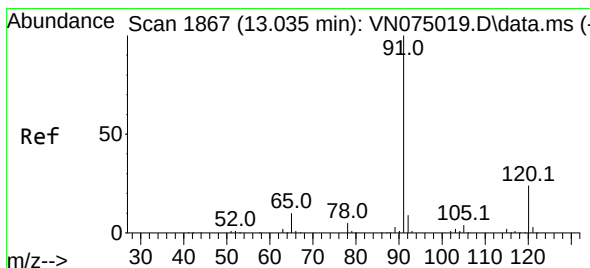
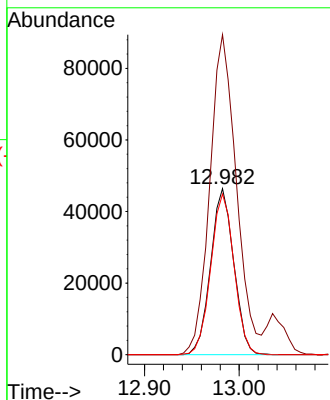
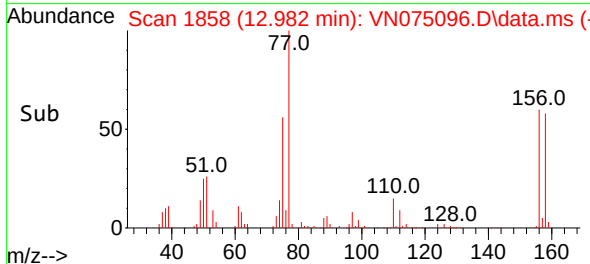
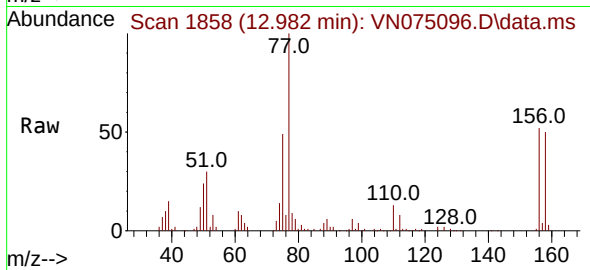
VSTDCCC050EC

Tgt Ion:156 Resp: 7865
Ion Ratio Lower Upper
156 100
77 221.9 108.5 325.5
158 97.4 47.7 143.1

Manual Integrations

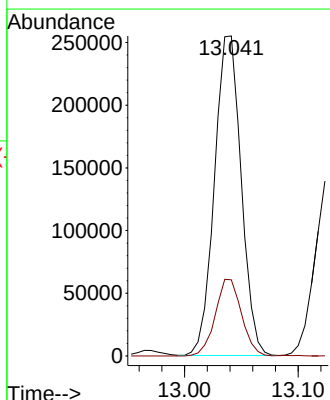
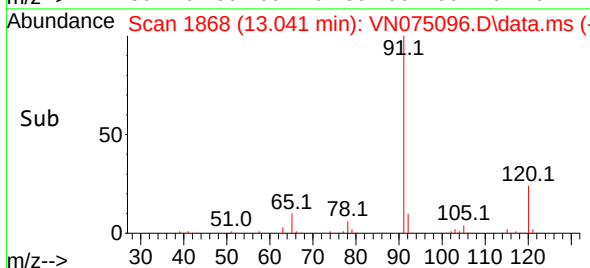
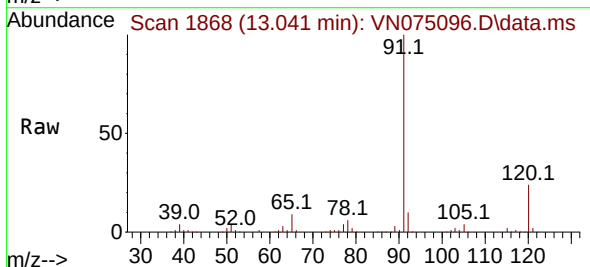
APPROVED

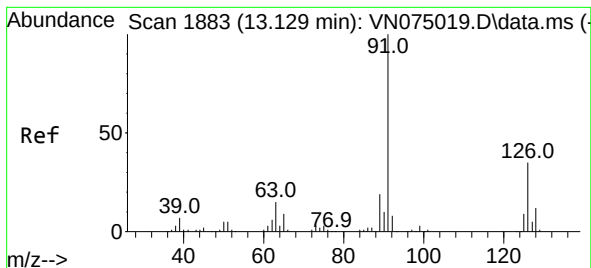
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#78
n-propylbenzene
Concen: 49.785 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Tgt Ion: 91 Resp: 416626
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





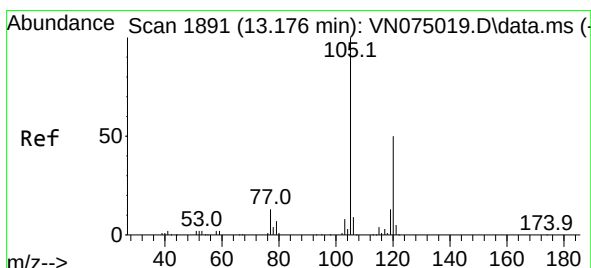
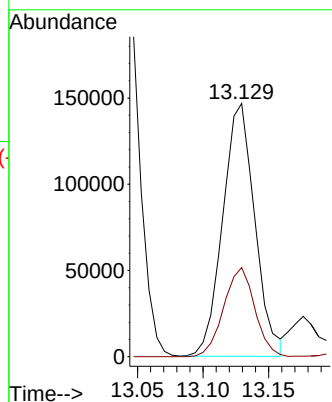
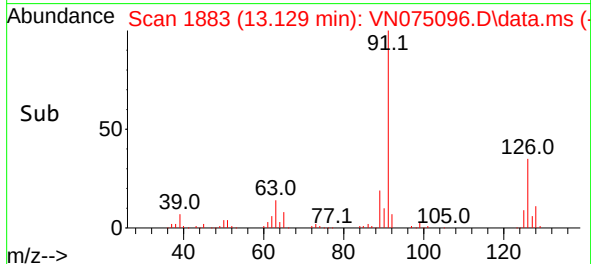
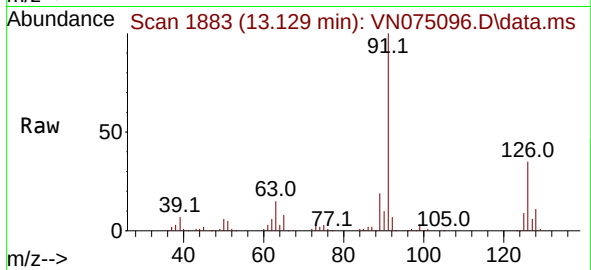
#79
2-Chlorotoluene
Concen: 48.863 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 249875
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7

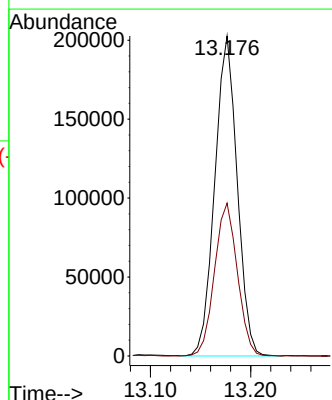
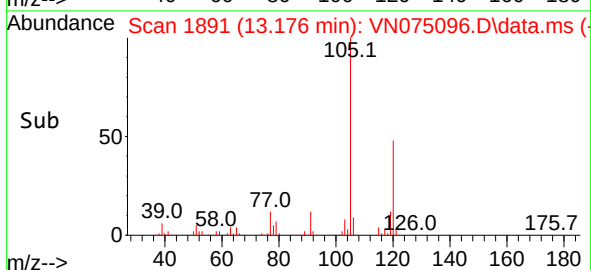
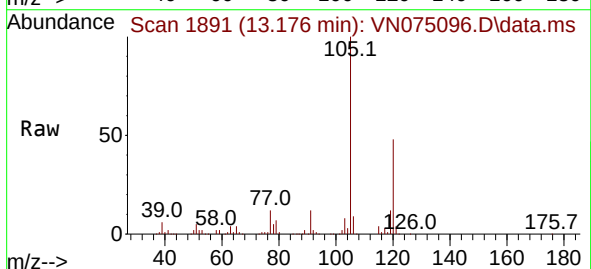
Manual Integrations
APPROVED

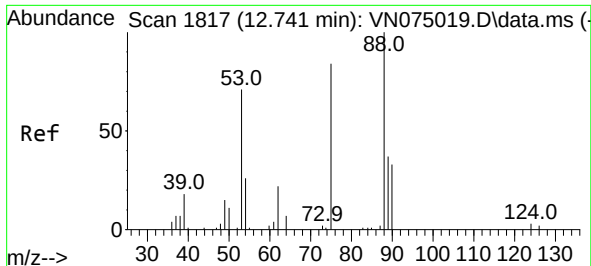
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.217 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

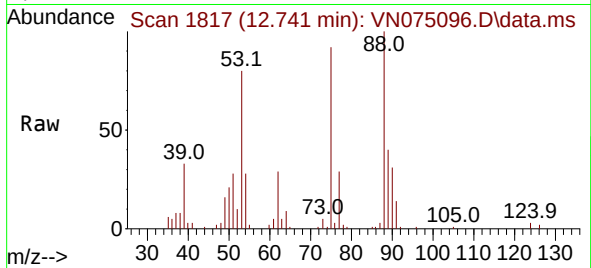
Tgt Ion:105 Resp: 314383
Ion Ratio Lower Upper
105 100
120 48.8 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.126 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

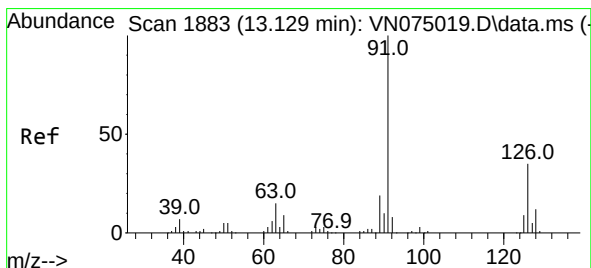
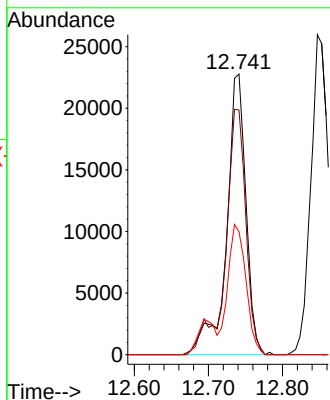
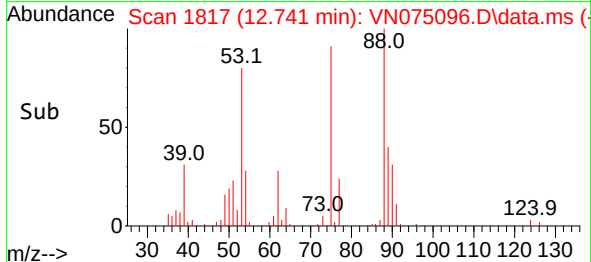
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 41560
Ion Ratio Lower Upper
75 100
53 80.6 78.5 117.7
89 43.4 37.7 56.5

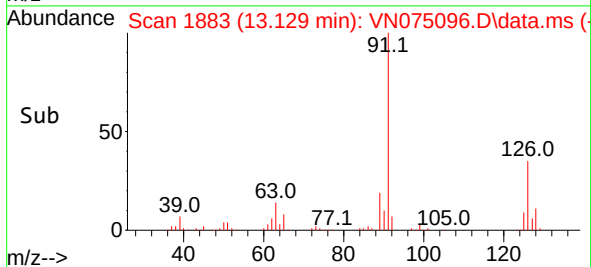
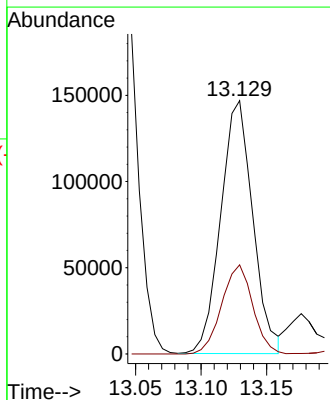
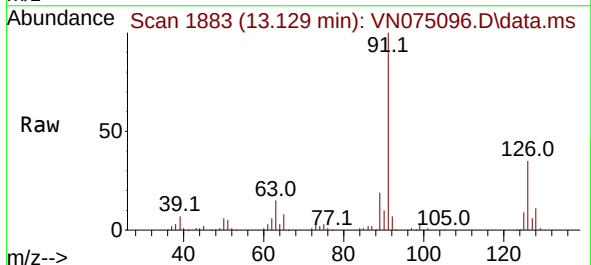
Manual Integrations
APPROVED

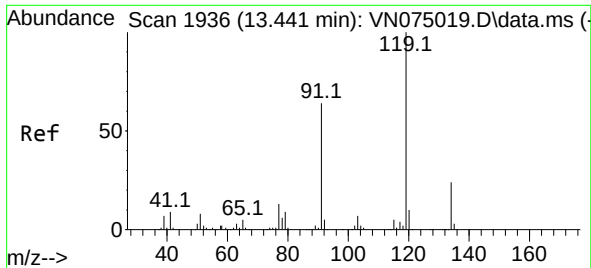
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#82
4-Chlorotoluene
Concen: 48.863 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

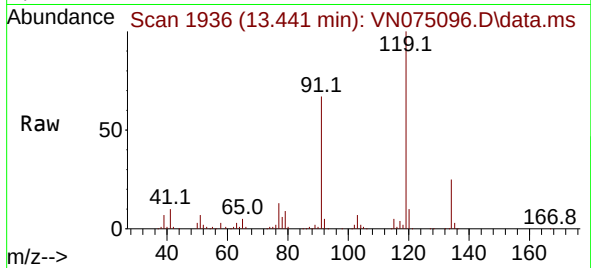
Tgt Ion: 91 Resp: 249875
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7





#83
tert-Butylbenzene
Concen: 49.480 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

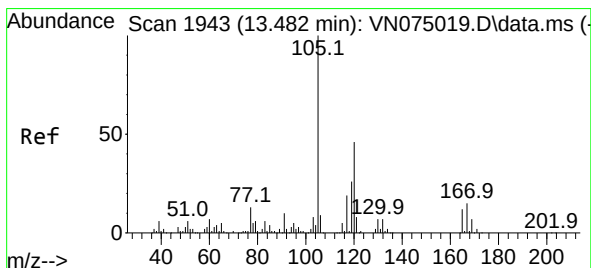
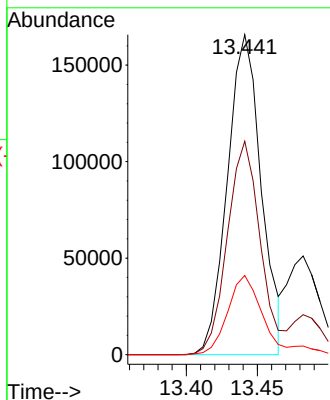
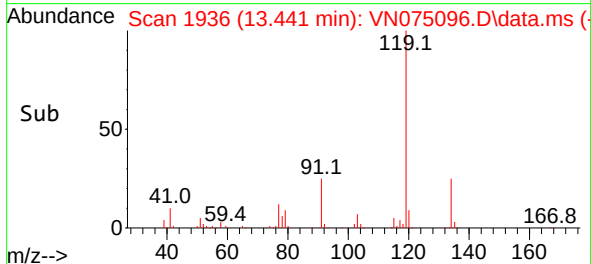
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



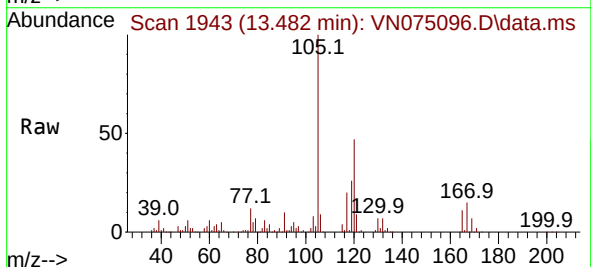
Tgt Ion:119 Resp: 275250
Ion Ratio Lower Upper
119 100
91 65.7 32.8 98.4
134 26.6 12.3 36.9

Manual Integrations
APPROVED

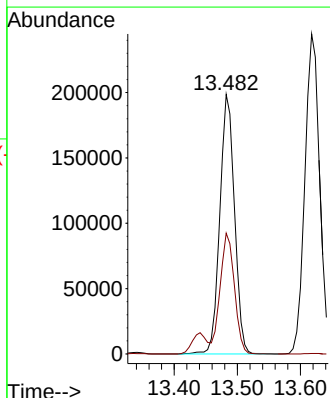
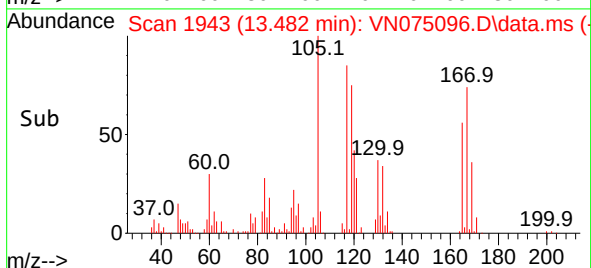
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

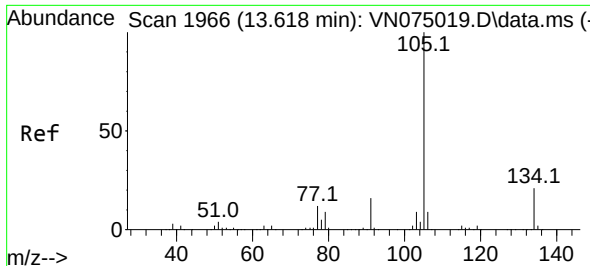


#84
1,2,4-Trimethylbenzene
Concen: 50.522 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



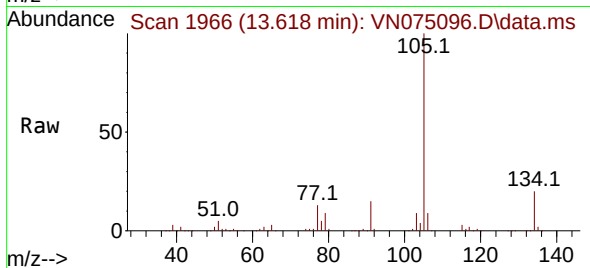
Tgt Ion:105 Resp: 320017
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 50.940 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075096.D
 Acq: 31 Oct 2022 18:59

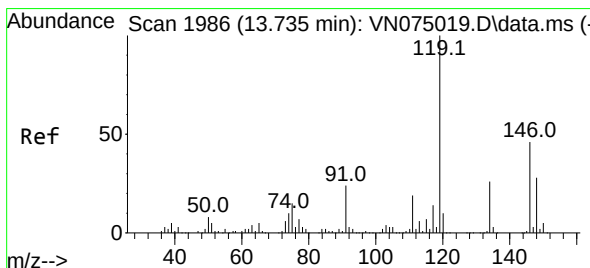
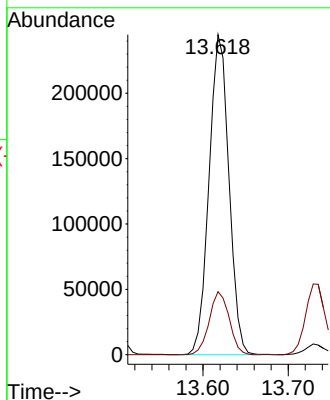
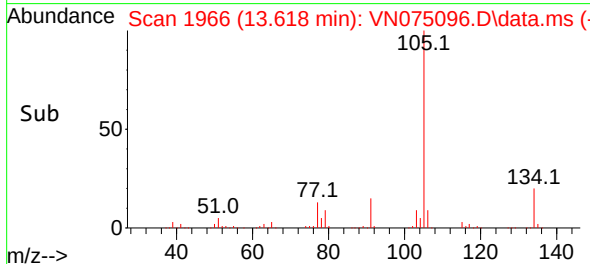
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



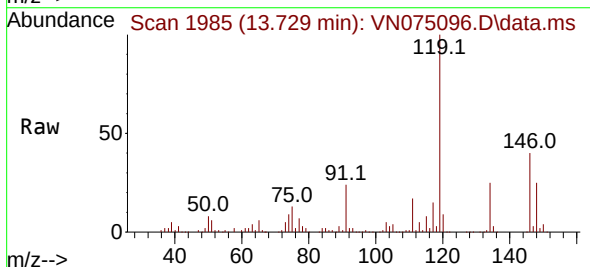
Tgt Ion:105 Resp: 39641
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.6

Manual Integrations
 APPROVED

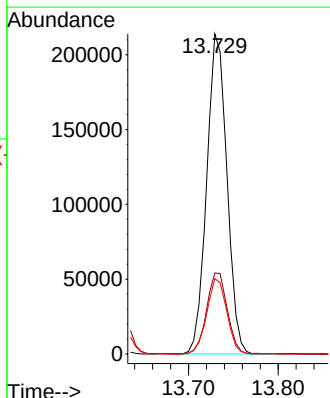
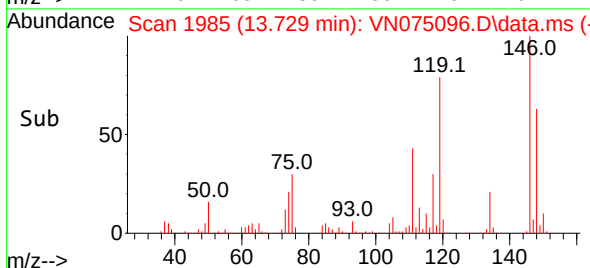
Reviewed By :John Carlone 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

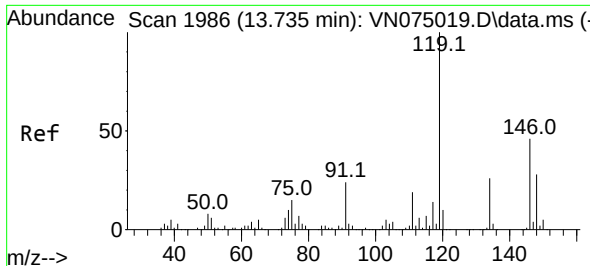


#86
 p-Isopropyltoluene
 Concen: 52.161 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075096.D
 Acq: 31 Oct 2022 18:59



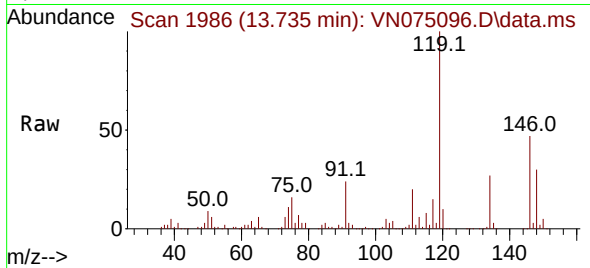
Tgt Ion:119 Resp: 335233
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 23.3 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 50.437 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

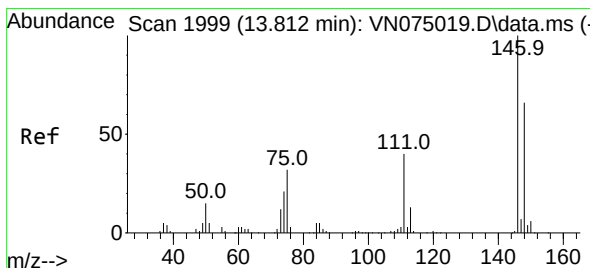
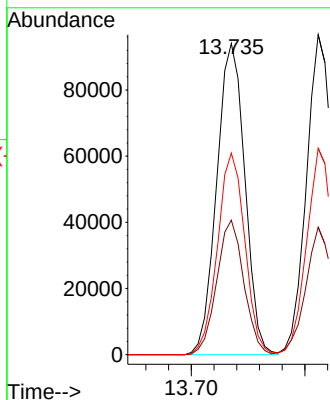
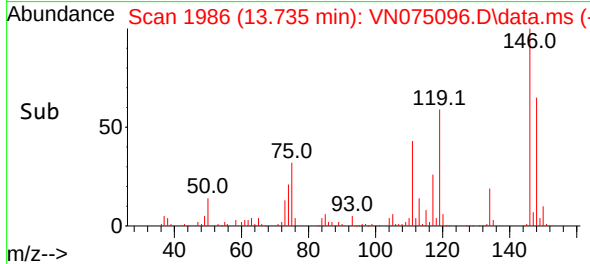
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



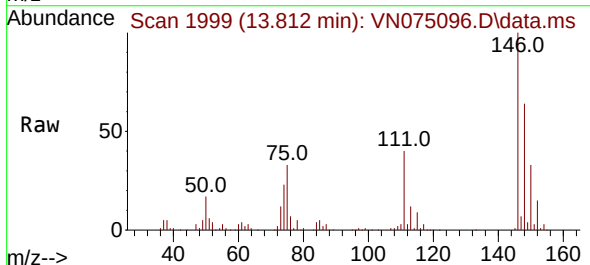
Tgt Ion:146 Resp: 162079
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.5
148 63.0 31.1 93.5

Manual Integrations
APPROVED

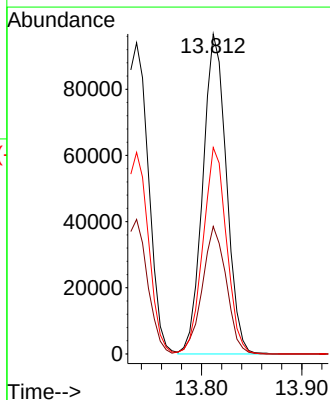
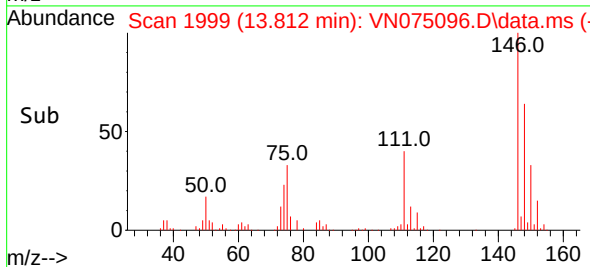
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

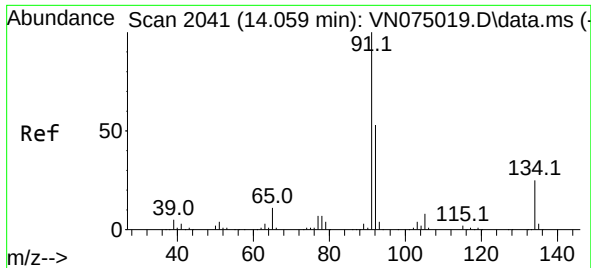


#88
1,4-Dichlorobenzene
Concen: 49.766 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



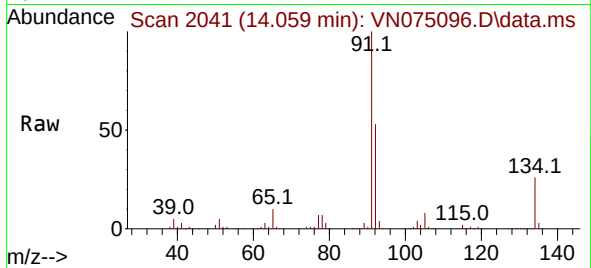
Tgt Ion:146 Resp: 158267
Ion Ratio Lower Upper
146 100
111 40.7 20.1 60.3
148 64.1 31.9 95.7





#89
n-Butylbenzene
Concen: 52.641 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

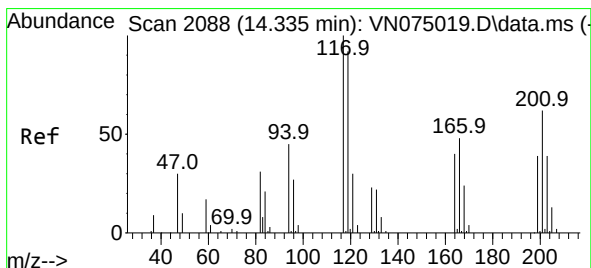
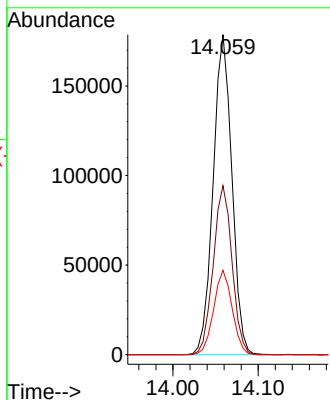
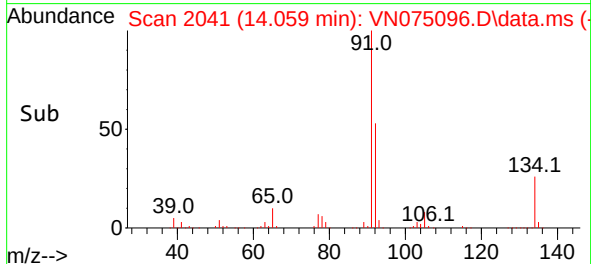
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 27243
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.4
134 26.1 13.0 39.0

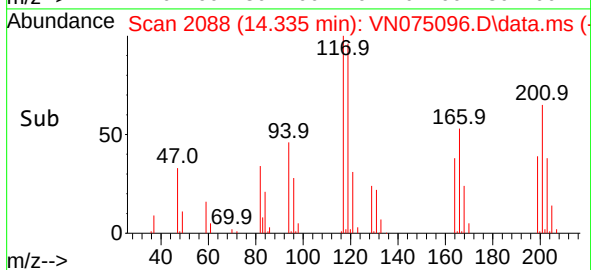
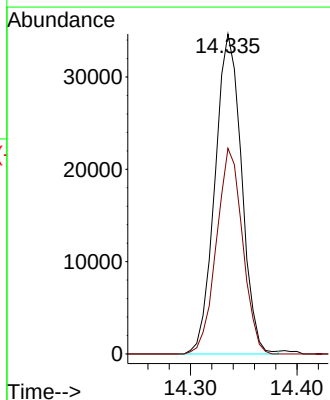
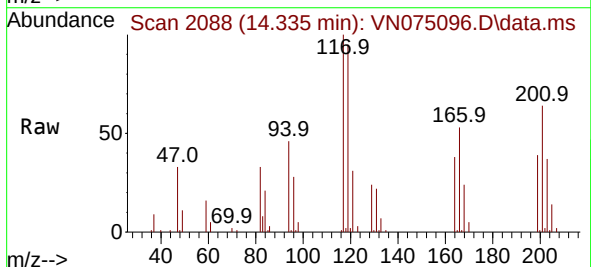
Manual Integrations
APPROVED

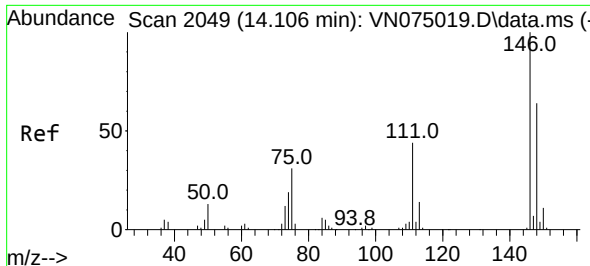
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#90
Hexachloroethane
Concen: 51.015 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

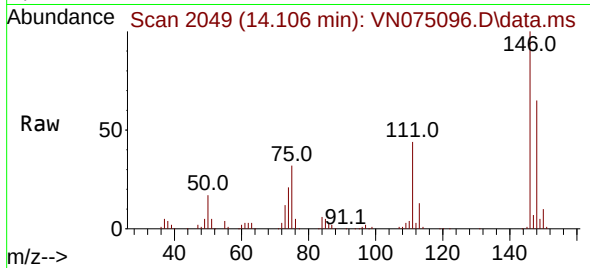
Tgt Ion:117 Resp: 60114
Ion Ratio Lower Upper
117 100
201 63.1 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 50.041 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

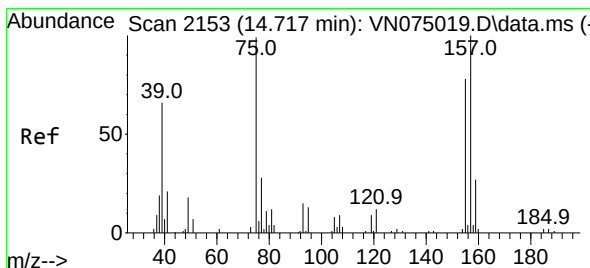
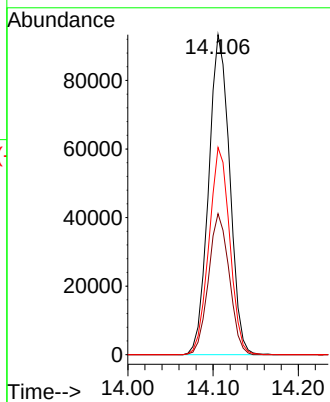
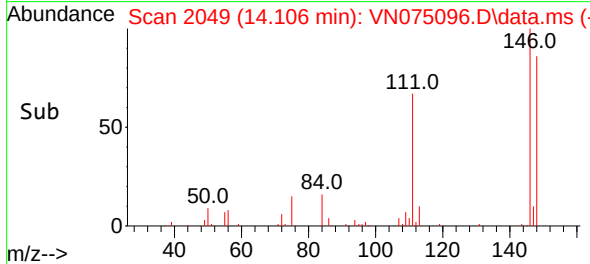
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



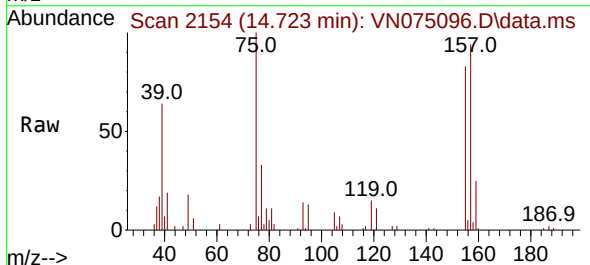
Tgt Ion:146 Resp: 15986
Ion Ratio Lower Upper
146 100
111 43.4 21.3 63.9
148 64.2 31.4 94.2

Manual Integrations
APPROVED

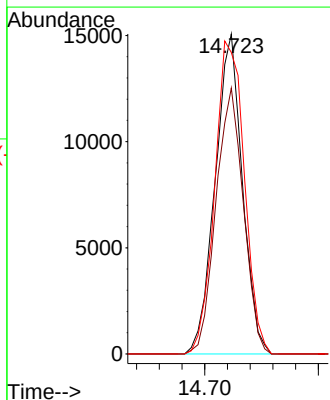
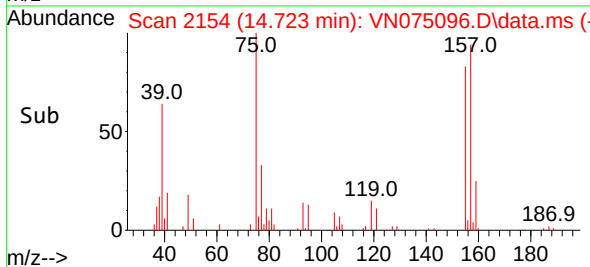
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

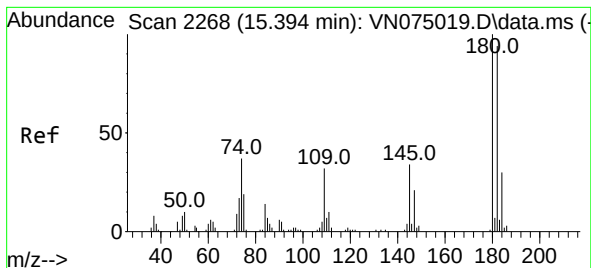


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.943 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



Tgt Ion: 75 Resp: 25110
Ion Ratio Lower Upper
75 100
155 83.7 42.1 126.3
157 106.0 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 51.683 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 71048

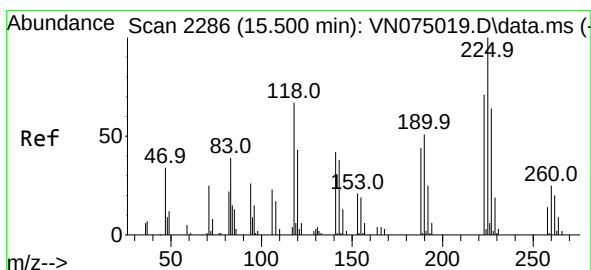
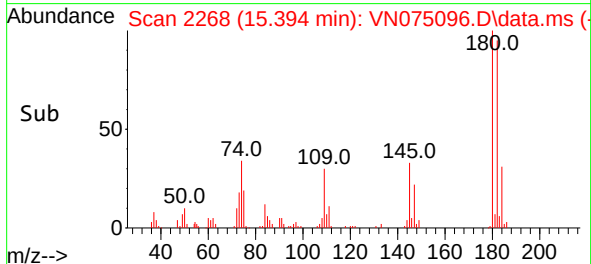
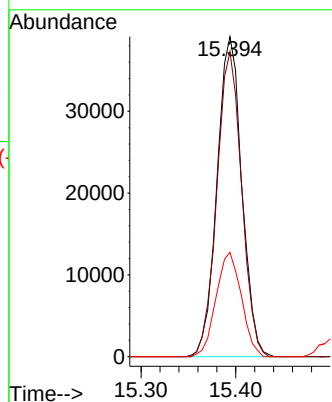
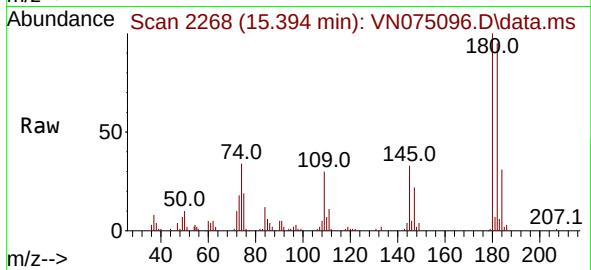
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.4
145	33.4	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#94

Hexachlorobutadiene

Concen: 50.249 ug/l

RT: 15.500 min Scan# 2286

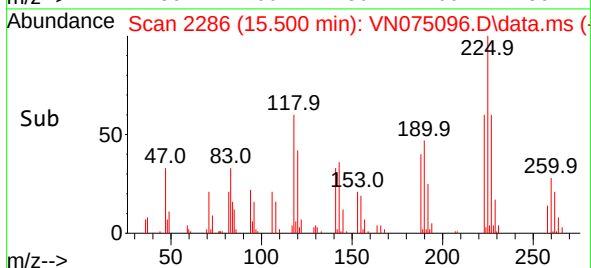
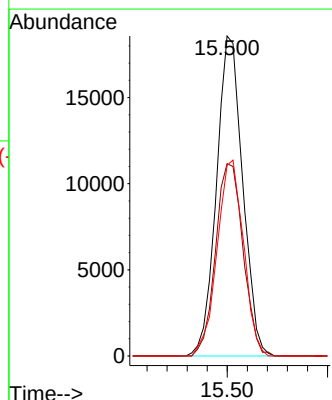
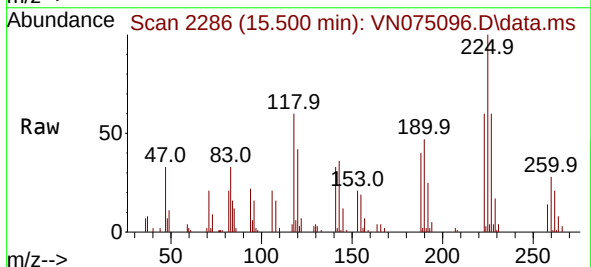
Delta R.T. -0.000 min

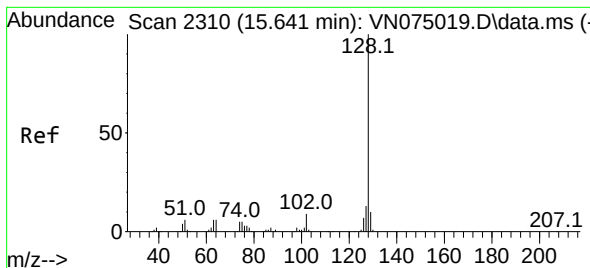
Lab File: VN075096.D

Acq: 31 Oct 2022 18:59

Tgt Ion:225 Resp: 33675

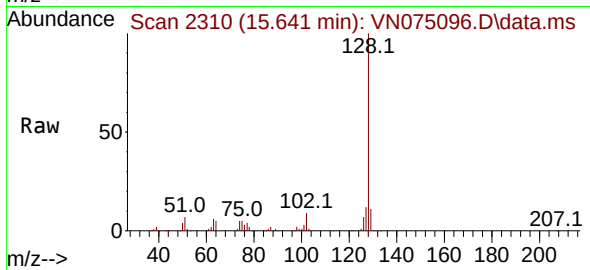
Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.3	96.9
227	61.7	32.0	96.2





#95
Naphthalene
Concen: 51.593 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59

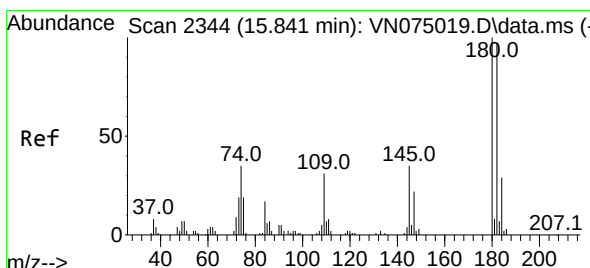
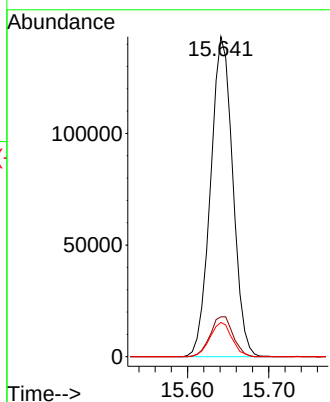
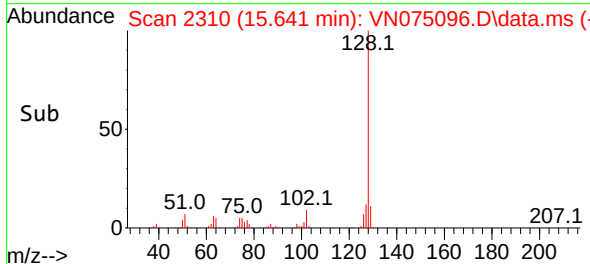
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



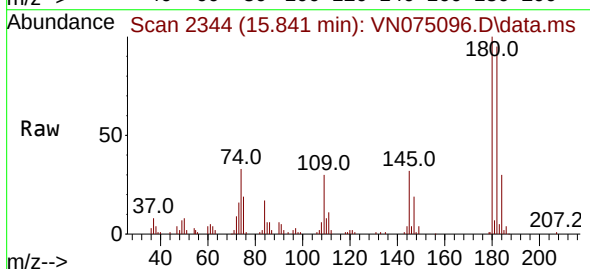
Tgt Ion:128 Resp: 272744
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.696 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075096.D
Acq: 31 Oct 2022 18:59



Tgt Ion:180 Resp: 70612
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.8
145 34.0 17.6 52.9

