

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120122\
 Data File : VN075515.D
 Acq On : 01 Dec 2022 15:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2022
 Supervised By : Mahesh Dadoda 12/02/2022

Quant Time: Dec 02 04:32:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	154014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	250106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	230511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42748	51.708	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.420%			
35) Dibromofluoromethane	8.171	113	55962	56.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.920%			
50) Toluene-d8	10.571	98	121263	54.799	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.600%			
62) 4-Bromofluorobenzene	12.847	95	95173	58.269	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	64992	55.186	ug/l	99
3) Chloromethane	2.371	50	71129	48.539	ug/l	100
4) Vinyl Chloride	2.524	62	92150	49.897	ug/l	97
5) Bromomethane	2.942	94	90811	55.917	ug/l	96
6) Chloroethane	3.112	64	70528	50.399	ug/l	96
7) Trichlorofluoromethane	3.501	101	134135	50.840	ug/l	97
8) Diethyl Ether	3.971	74	52645	56.931	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	77809	53.422	ug/l	91
10) Methyl Iodide	4.595	142	135669	57.484	ug/l	94
11) Tert butyl alcohol	5.536	59	76634	220.815	ug/l	100
12) 1,1-Dichloroethene	4.353	96	74457	52.205	ug/l	86
13) Acrolein	4.189	56	80422	266.001	ug/l	98
14) Allyl chloride	5.030	41	98354m	53.312	ug/l	
15) Acrylonitrile	5.724	53	207014	259.993	ug/l	98
16) Acetone	4.436	43	253743	329.052	ug/l	92
17) Carbon Disulfide	4.718	76	178980	48.287	ug/l	99
18) Methyl Acetate	5.036	43	109295	56.386	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	276119	54.651	ug/l	98
20) Methylene Chloride	5.289	84	87374	56.030	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	82169	50.553	ug/l	93
22) Diisopropyl ether	6.677	45	226100	53.705	ug/l	97
23) Vinyl Acetate	6.612	43	840551	250.961	ug/l	97
24) 1,1-Dichloroethane	6.571	63	144029	53.299	ug/l	97
25) 2-Butanone	7.489	43	300496	279.116	ug/l	94
26) 2,2-Dichloropropane	7.494	77	132260	52.663	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	104063	56.619	ug/l	91
28) Bromochloromethane	7.818	49	56252	51.283	ug/l #	79
29) Tetrahydrofuran	7.841	42	172327	263.151	ug/l	96
30) Chloroform	7.971	83	161629	52.084	ug/l	97
31) Cyclohexane	8.259	56	124146	47.264	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	146883	52.129	ug/l	96
36) 1,1-Dichloropropene	8.377	75	112358	52.440	ug/l	95
37) Ethyl Acetate	7.565	43	104670	54.254	ug/l	97
38) Carbon Tetrachloride	8.365	117	131376	55.817	ug/l	98
39) Methylcyclohexane	9.600	83	148789	55.486	ug/l	97
40) Benzene	8.606	78	359748	54.840	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	54310	55.062	ug/l	92
42) 1,2-Dichloroethane	8.677	62	122210	55.625	ug/l	96
43) Isopropyl Acetate	8.694	43	180859	58.404	ug/l	97
44) Trichloroethene	9.353	130	98628	54.947	ug/l	96
45) 1,2-Dichloropropane	9.624	63	85391	54.623	ug/l	99
46) Dibromomethane	9.712	93	65999	55.816	ug/l #	88
47) Bromodichloromethane	9.888	83	130676	57.068	ug/l	94
48) Methyl methacrylate	9.682	41	81836	57.152	ug/l	94
49) 1,4-Dioxane	9.700	88	41260	1014.769	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	561055	284.460	ug/l	98
52) Toluene	10.629	92	241996	57.246	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	142204	61.860	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	151861	60.824	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	98996	57.497	ug/l	97
56) Ethyl methacrylate	10.877	69	144769	62.261	ug/l	97
57) 1,3-Dichloropropane	11.165	76	160295	57.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	238723	284.670	ug/l	95
59) 2-Hexanone	11.194	43	439606	296.821	ug/l	97
60) Dibromochloromethane	11.359	129	111623	63.160	ug/l	99
61) 1,2-Dibromoethane	11.471	107	104173	58.293	ug/l	99
64) Tetrachloroethene	11.106	164	89555	50.875	ug/l	93
65) Chlorobenzene	11.894	112	268511	56.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	102054	57.440	ug/l	99
67) Ethyl Benzene	11.965	91	469016	57.749	ug/l	98
68) m/p-Xylenes	12.071	106	378871	114.876	ug/l	100
69) o-Xylene	12.400	106	189111	57.711	ug/l	95
70) Styrene	12.412	104	309415	59.856	ug/l	99
71) Bromoform	12.582	173	85019	62.873	ug/l #	99
73) Isopropylbenzene	12.700	105	479802	54.740	ug/l	98
74) N-amyl acetate	12.494	43	160994	59.745	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	148369	55.522	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	127210m	56.081	ug/l	
77) Bromobenzene	12.982	156	119929	55.423	ug/l	85
78) n-propylbenzene	13.035	91	547472	55.968	ug/l	100
79) 2-Chlorotoluene	13.129	91	328350	55.711	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	422540	58.025	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	47311	61.712	ug/l	99
82) 4-Chlorotoluene	13.129	91	328350	55.711	ug/l	97
83) tert-Butylbenzene	13.441	119	364560	54.907	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	426841	58.436	ug/l	100
85) sec-Butylbenzene	13.618	105	512828	56.925	ug/l	100
86) p-Isopropyltoluene	13.729	119	445130	58.727	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	232952	56.818	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	229297	55.056	ug/l	98
89) n-Butylbenzene	14.059	91	356903	55.751	ug/l	99
90) Hexachloroethane	14.335	117	78436	59.985	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	226144	56.587	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29347	57.975	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	121202	59.180	ug/l	98
94) Hexachlorobutadiene	15.506	225	59123	55.422	ug/l	99
95) Naphthalene	15.641	128	379757	58.941	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	117707	58.477	ug/l	98

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VSTDCCC050

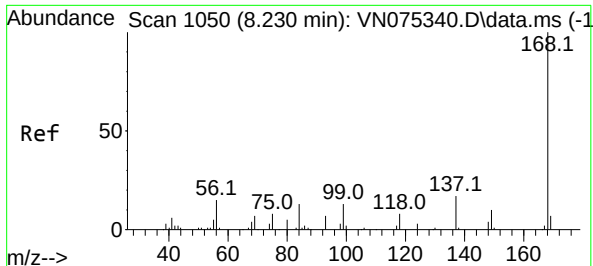
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

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



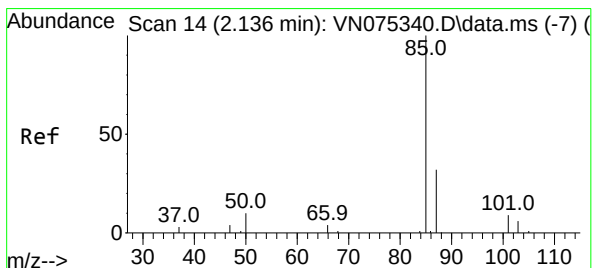
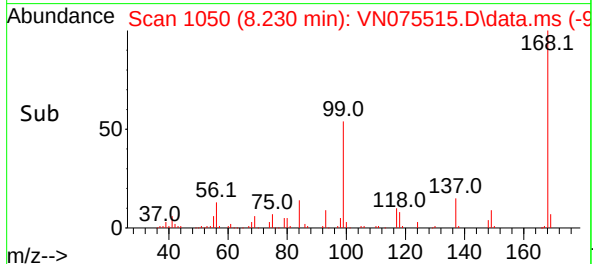
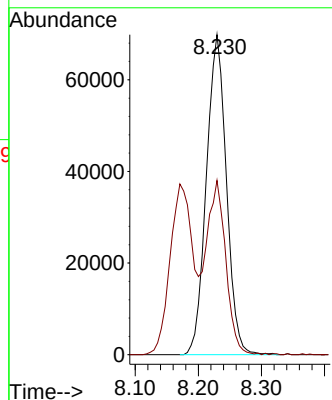
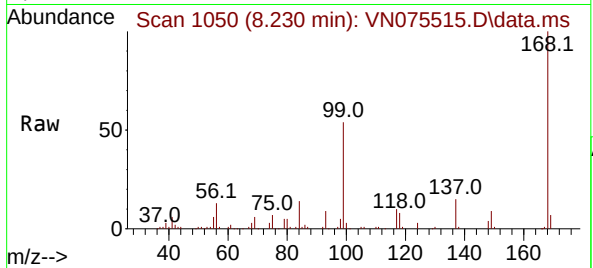
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075515.D
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MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 154014
Ion Ratio Lower Upper
168 100
99 54.5 51.6 77.4

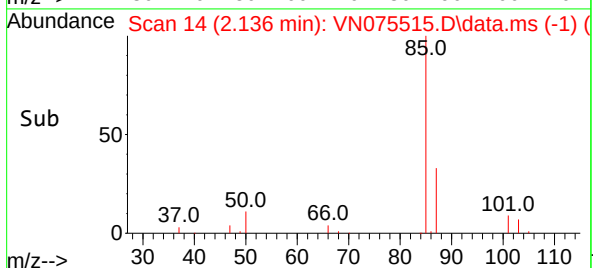
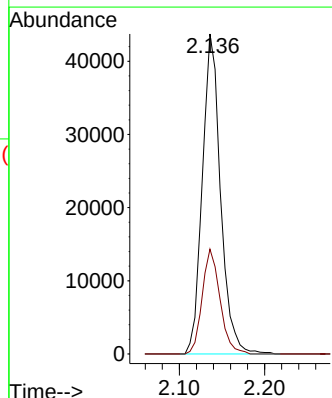
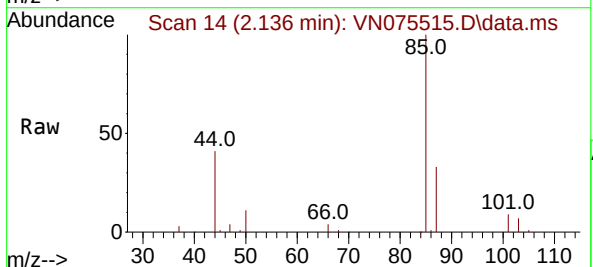
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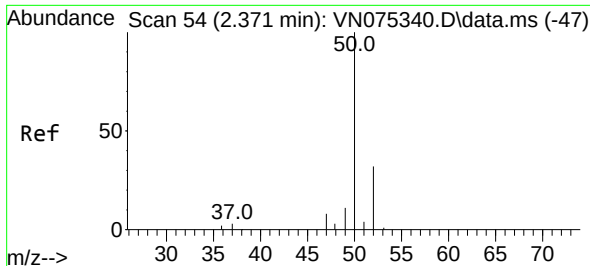
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#2
Dichlorodifluoromethane
Concen: 55.186 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Tgt Ion: 85 Resp: 64992
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0





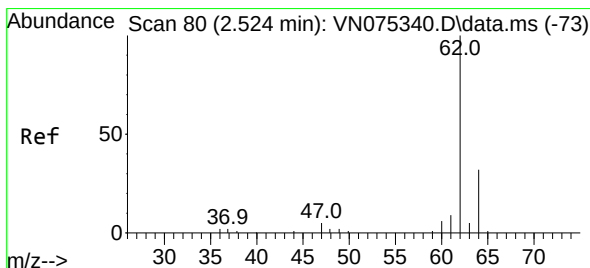
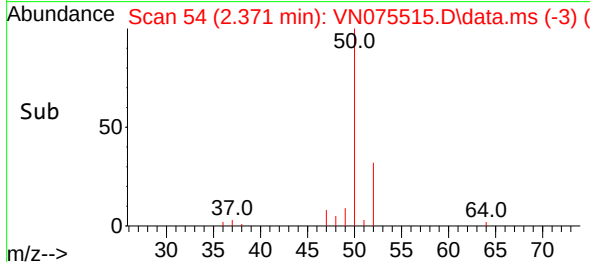
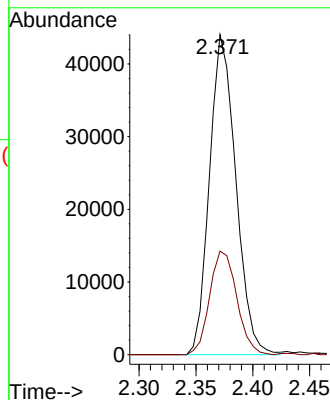
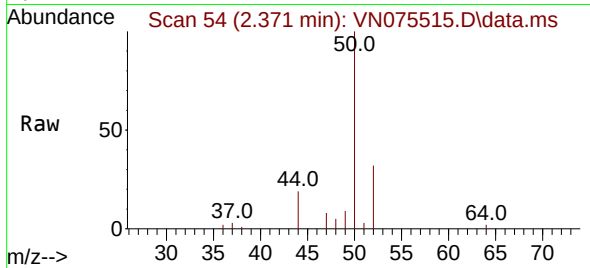
#3
Chloromethane
Concen: 48.539 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 71129
Ion Ratio Lower Upper
50 100
52 32.4 25.8 38.6

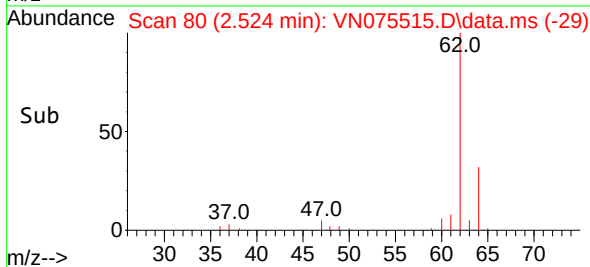
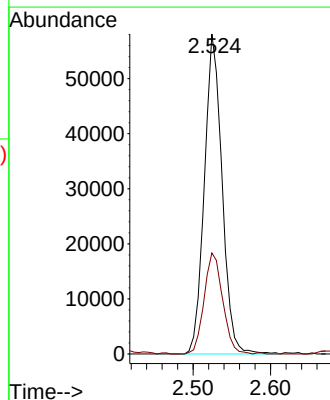
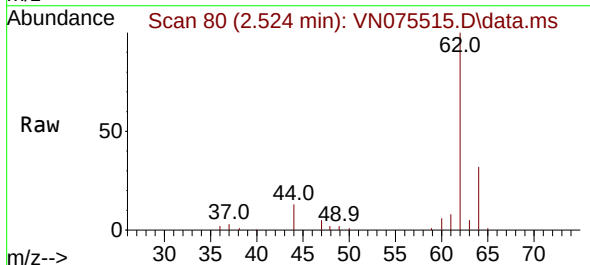
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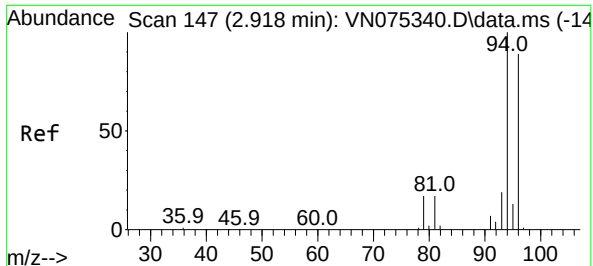
Reviewed By :John Carlone 12/02/2022
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#4
Vinyl Chloride
Concen: 49.897 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075515.D
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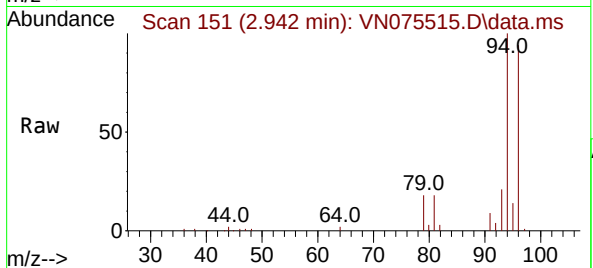
Tgt Ion: 62 Resp: 92150
Ion Ratio Lower Upper
62 100
64 31.6 24.0 36.0





#5
Bromomethane
Concen: 55.917 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

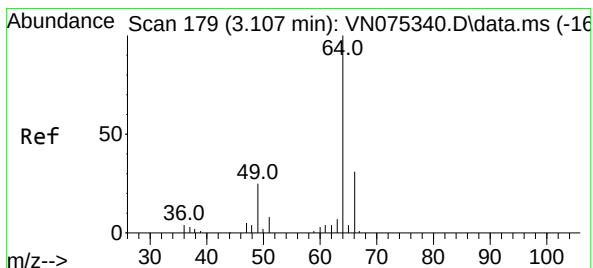
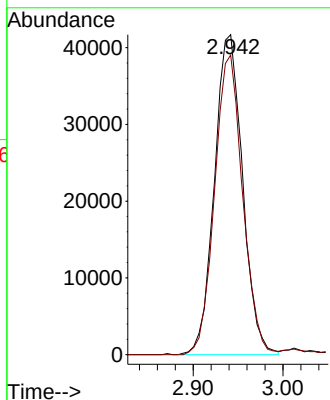
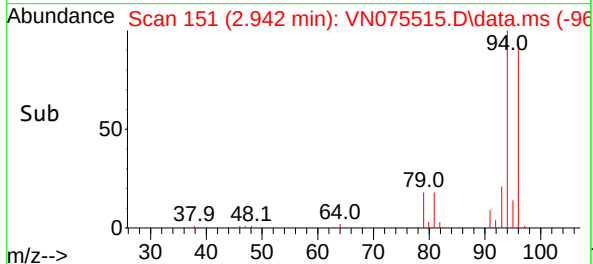
Instrument :
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Tgt Ion: 94 Resp: 9081
Ion Ratio Lower Upper
94 100
96 93.6 71.8 107.6

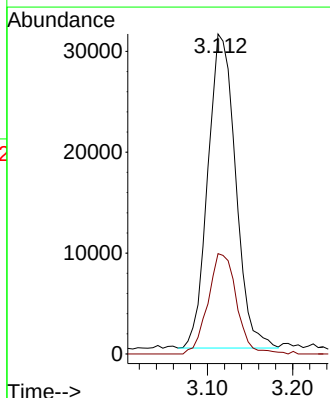
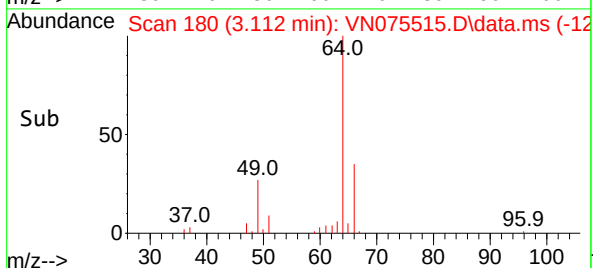
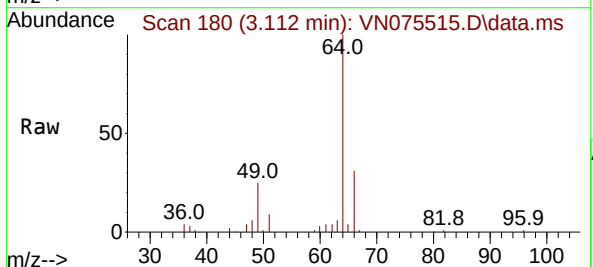
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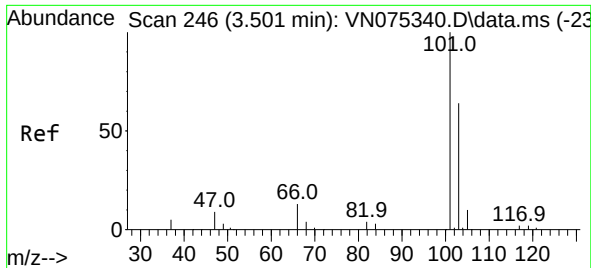
Reviewed By :John Carlone 12/02/2022
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#6
Chloroethane
Concen: 50.399 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075515.D
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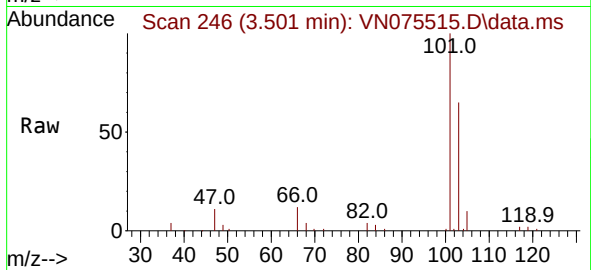
Tgt Ion: 64 Resp: 70528
Ion Ratio Lower Upper
64 100
66 32.0 23.8 35.8





#7
Trichlorofluoromethane
Concen: 50.840 ug/l
RT: 3.501 min Scan# 246
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

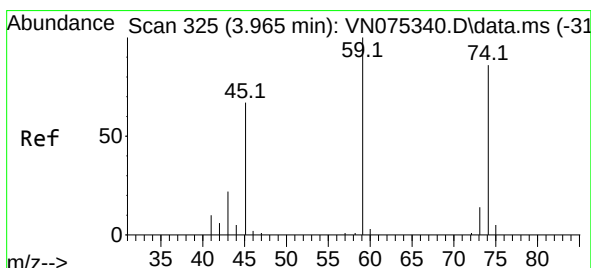
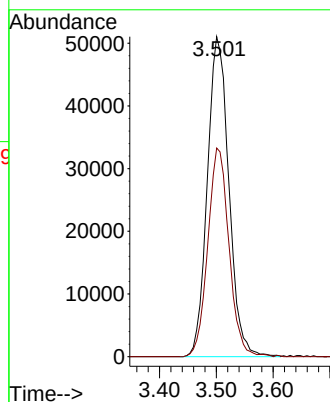
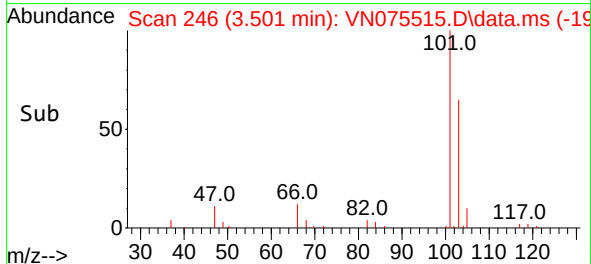
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



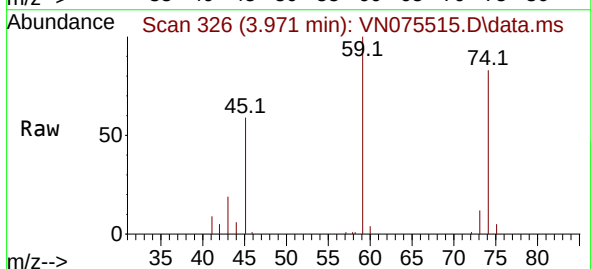
Tgt Ion:101 Resp: 13413
Ion Ratio Lower Upper
101 100
103 65.2 50.5 75.7

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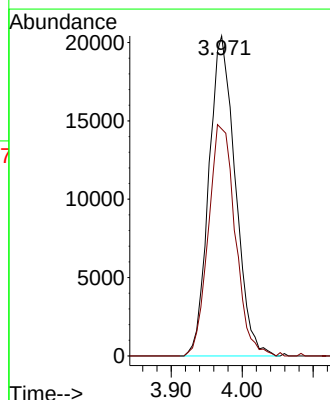
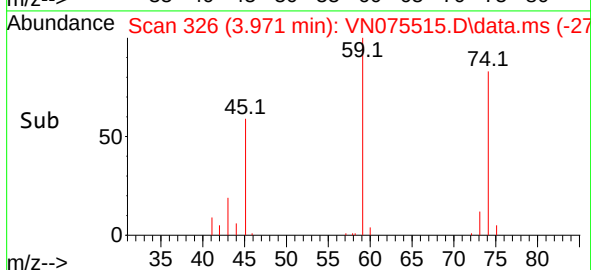
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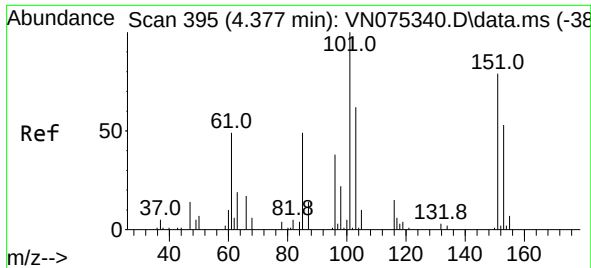


#8
Diethyl Ether
Concen: 56.931 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



Tgt Ion: 74 Resp: 52645
Ion Ratio Lower Upper
74 100
45 73.6 39.3 117.9





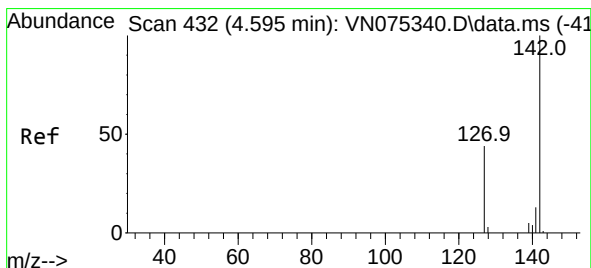
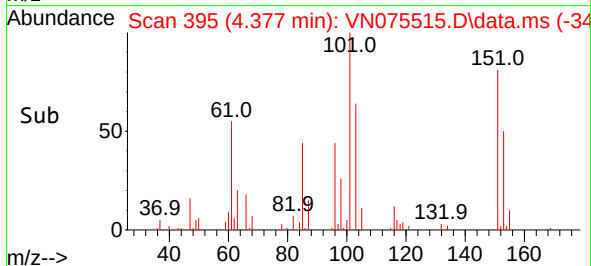
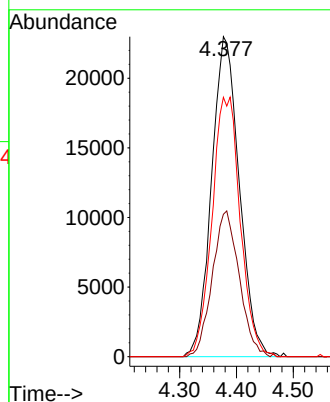
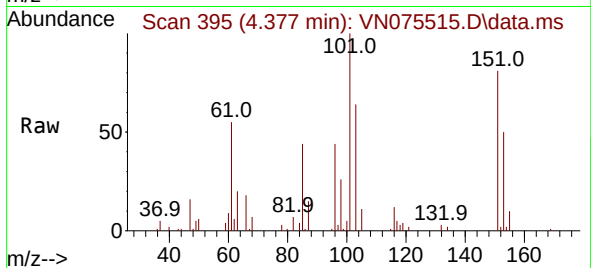
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.422 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 77809
Ion Ratio Lower Upper
101 100
85 44.3 37.6 56.4
151 82.7 58.3 87.5

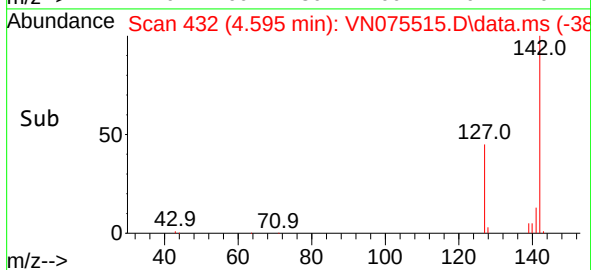
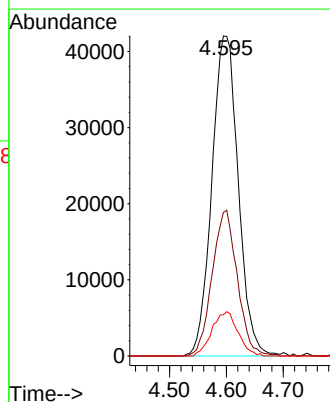
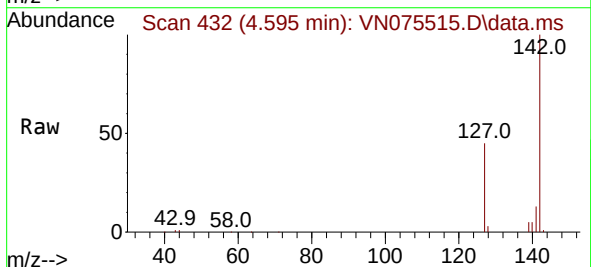
Manual Integrations
APPROVED

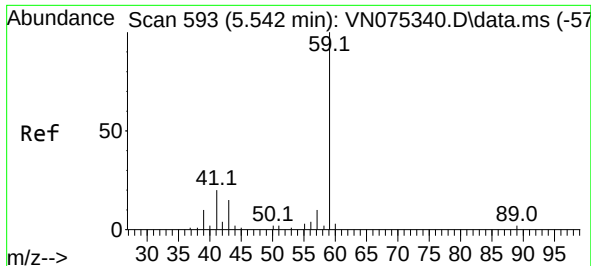
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#10
Methyl Iodide
Concen: 57.484 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Tgt Ion:142 Resp: 135669
Ion Ratio Lower Upper
142 100
127 43.4 38.0 57.0
141 13.6 12.2 18.4





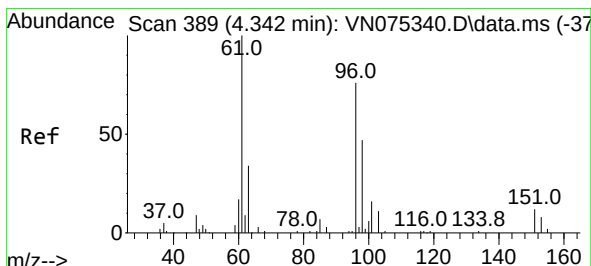
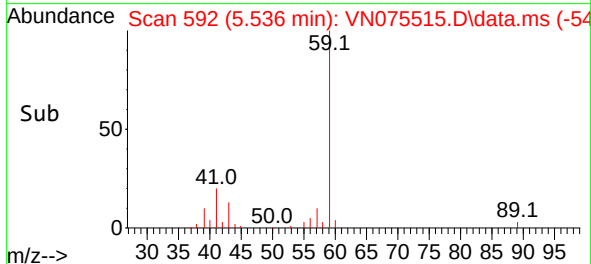
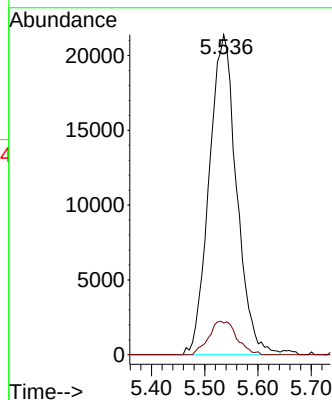
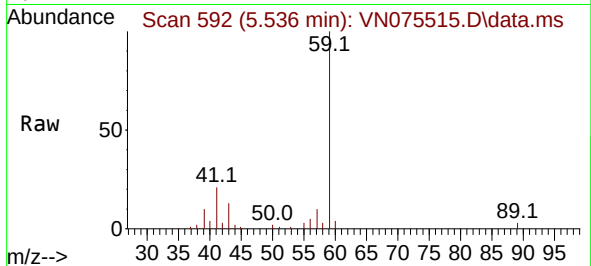
#11
Tert butyl alcohol
Concen: 220.815 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 76634
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

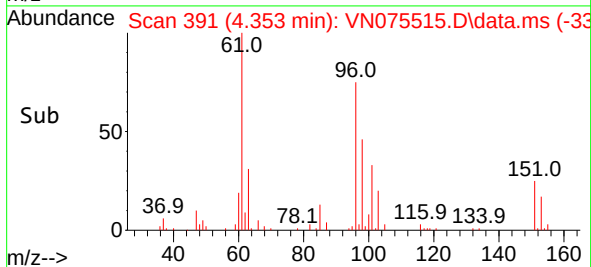
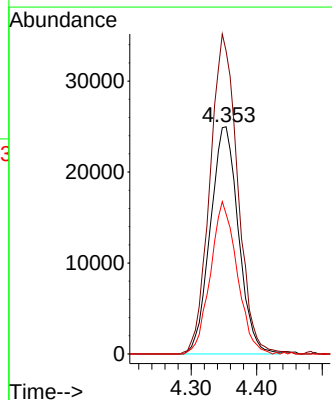
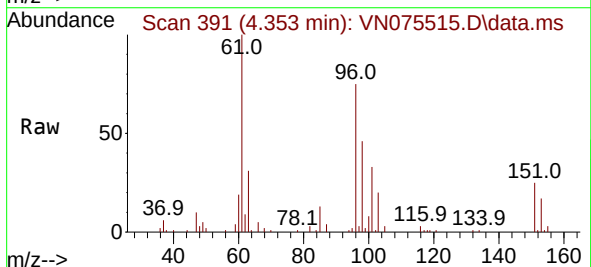
Manual Integrations
APPROVED

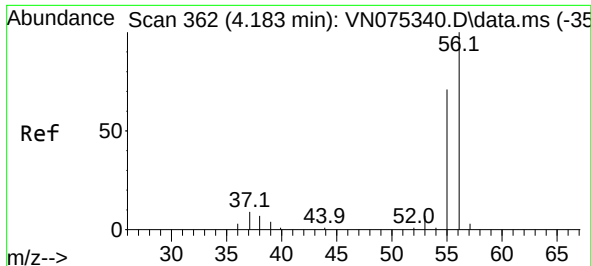
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#12
1,1-Dichloroethene
Concen: 52.205 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.011 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

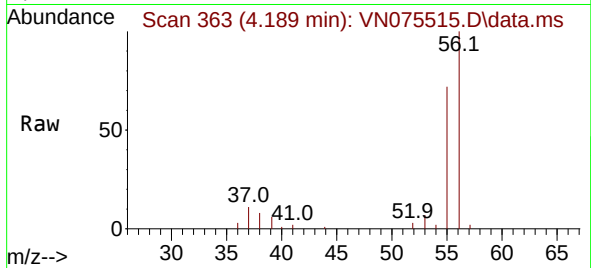
Tgt Ion: 96 Resp: 74457
Ion Ratio Lower Upper
96 100
61 133.3 126.2 189.4
98 61.6 51.5 77.3





#13
Acrolein
Concen: 266.001 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

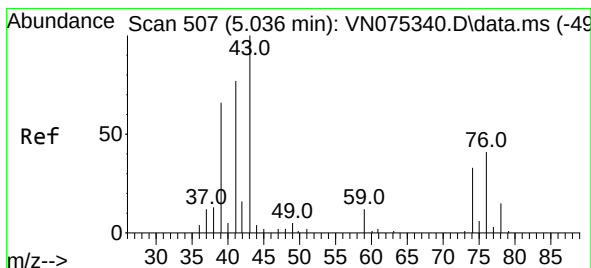
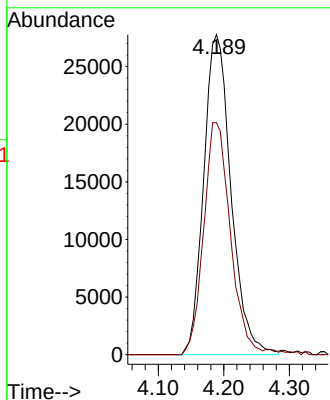
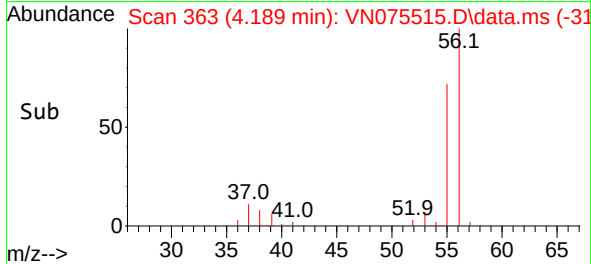
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



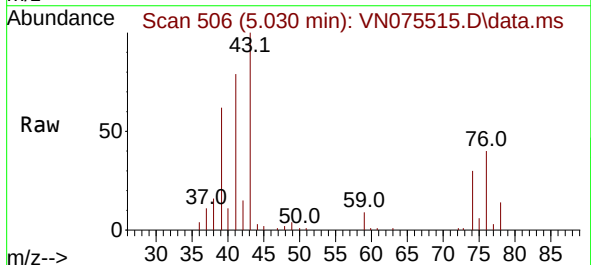
Tgt Ion: 56 Resp: 8042
Ion Ratio Lower Upper
56 100
55 70.7 55.2 82.8

Manual Integrations
APPROVED

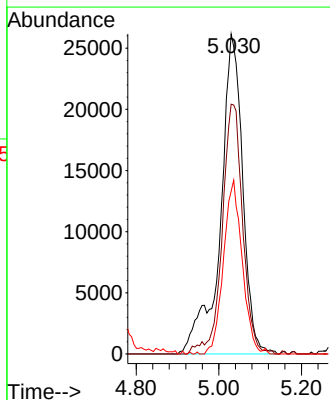
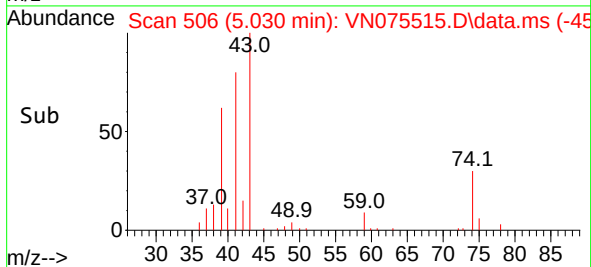
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

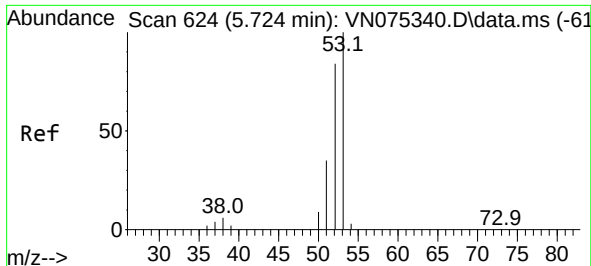


#14
Allyl chloride
Concen: 53.312 ug/l m
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



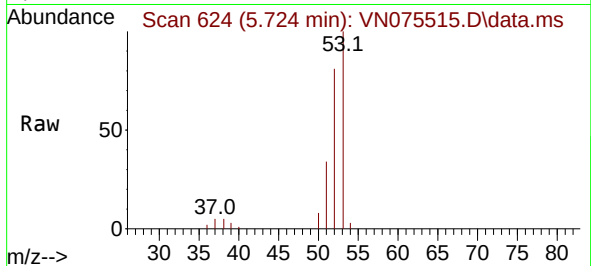
Tgt Ion: 41 Resp: 98354
Ion Ratio Lower Upper
41 100
39 71.4 61.0 91.4
76 45.5 33.4 50.0





#15
Acrylonitrile
Concen: 259.993 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

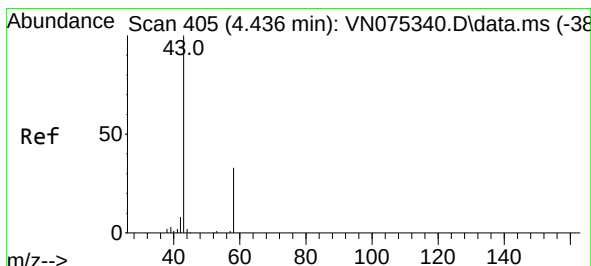
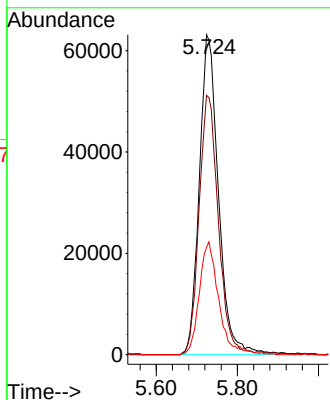
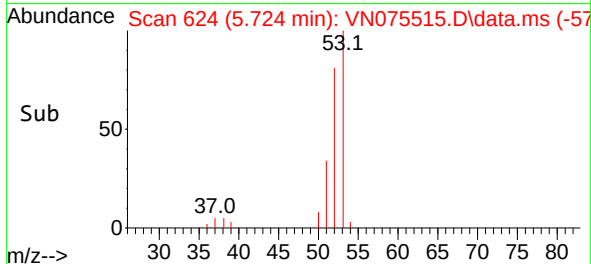
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 207014
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 35.8 29.6 44.4

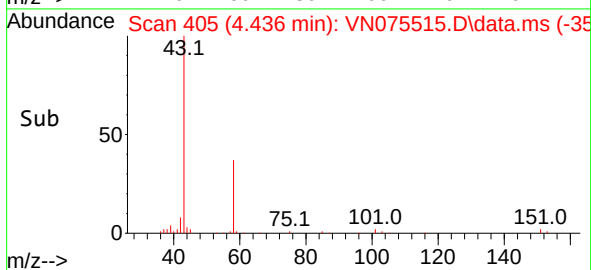
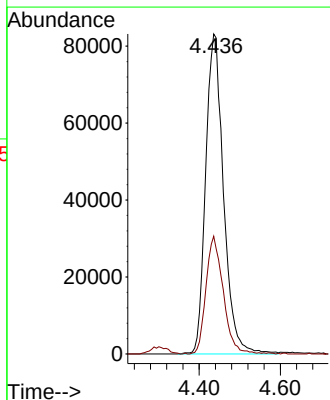
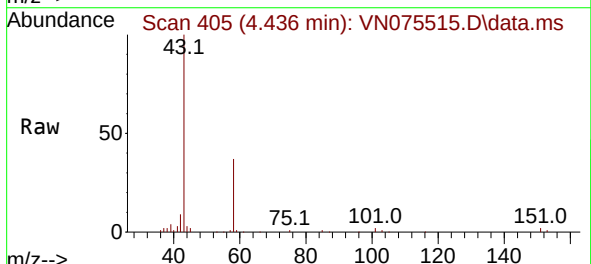
Manual Integrations
APPROVED

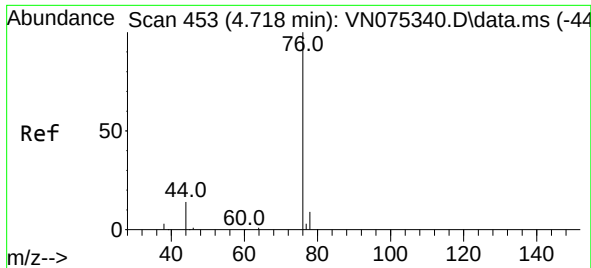
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#16
Acetone
Concen: 329.052 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

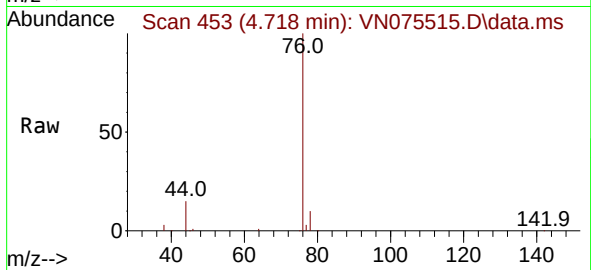
Tgt Ion: 43 Resp: 253743
Ion Ratio Lower Upper
43 100
58 36.6 25.5 38.3





#17
Carbon Disulfide
Concen: 48.287 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

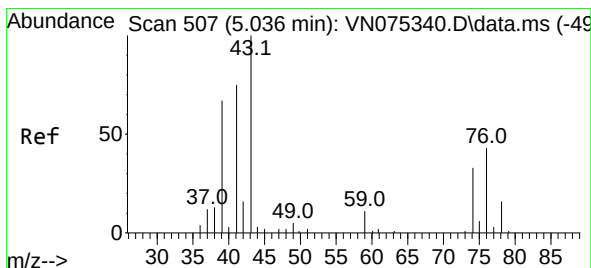
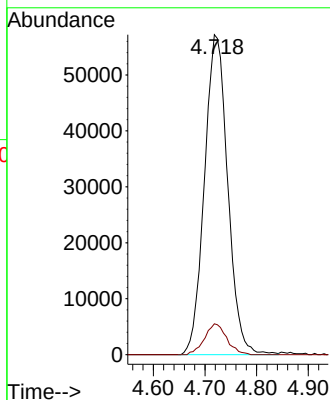
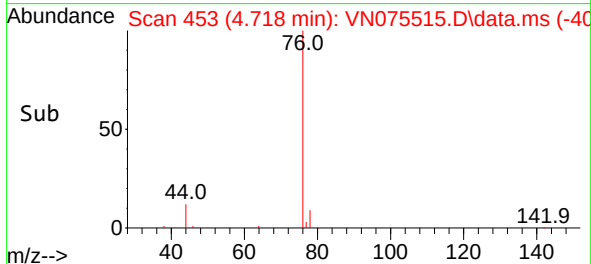
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



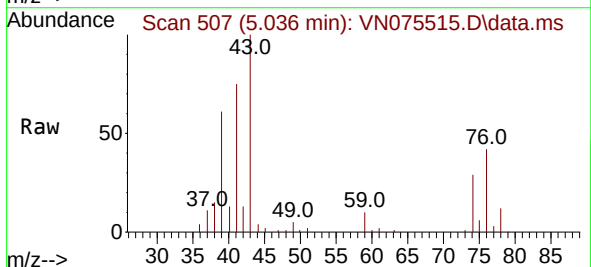
Tgt Ion: 76 Resp: 178980
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

Manual Integrations
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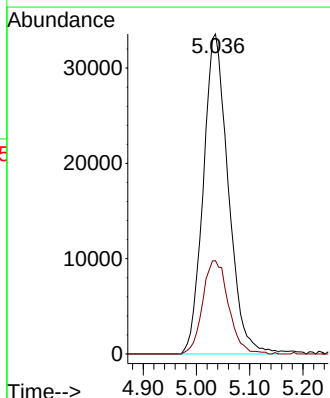
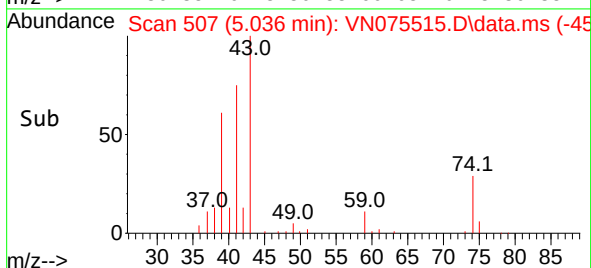
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

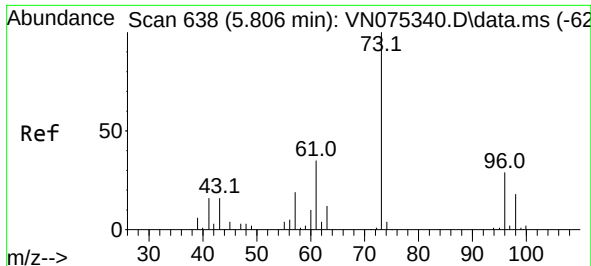


#18
Methyl Acetate
Concen: 56.386 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



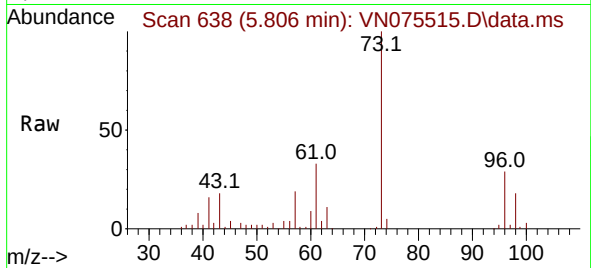
Tgt Ion: 43 Resp: 109295
Ion Ratio Lower Upper
43 100
74 30.2 22.0 33.0





#19
Methyl tert-butyl Ether
Concen: 54.651 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

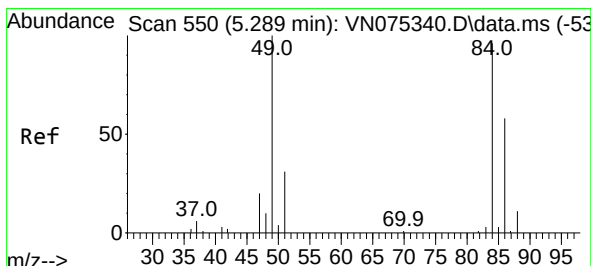
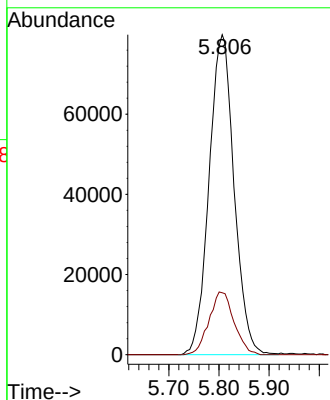
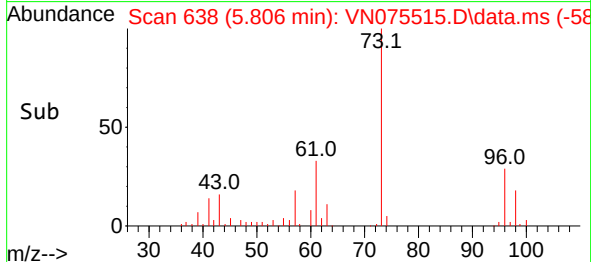
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 276119
Ion Ratio Lower Upper
73 100
57 19.3 16.3 24.5

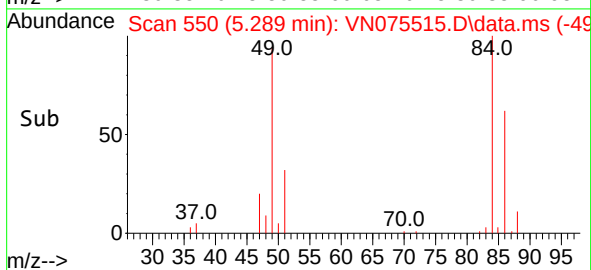
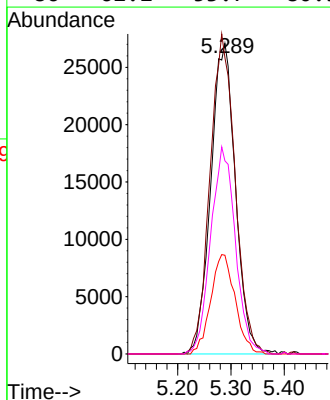
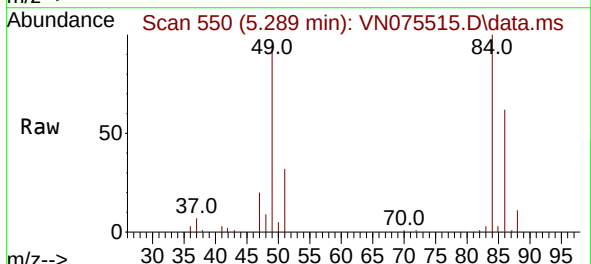
Manual Integrations
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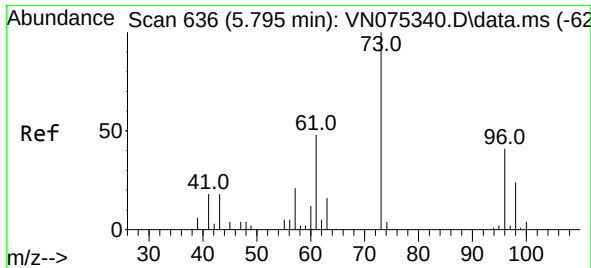
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#20
Methylene Chloride
Concen: 56.030 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Tgt Ion: 84 Resp: 87374
Ion Ratio Lower Upper
84 100
49 95.4 94.9 142.3
51 31.8 26.8 40.2
86 62.2 53.7 80.5





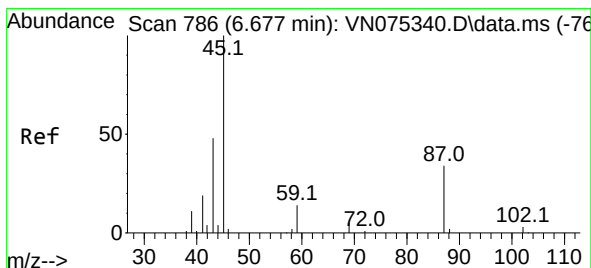
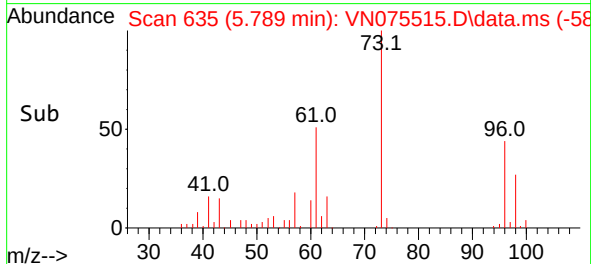
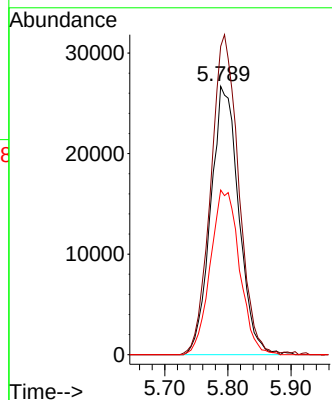
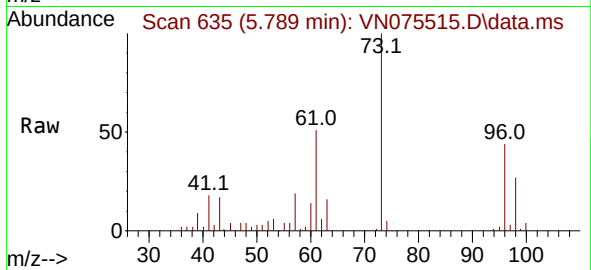
#21
trans-1,2-Dichloroethene
Concen: 50.553 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 82169
Ion Ratio Lower Upper
96 100
61 114.9 99.9 149.9
98 61.4 51.5 77.3

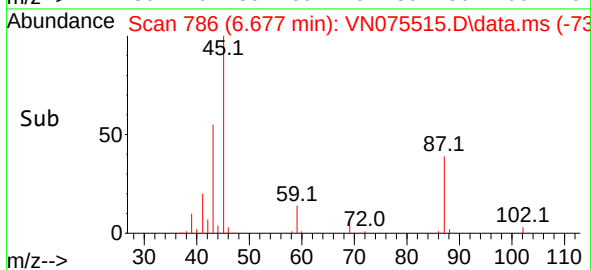
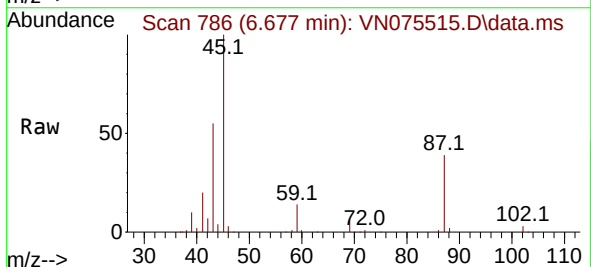
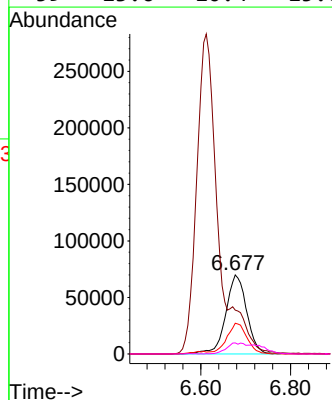
Manual Integrations
APPROVED

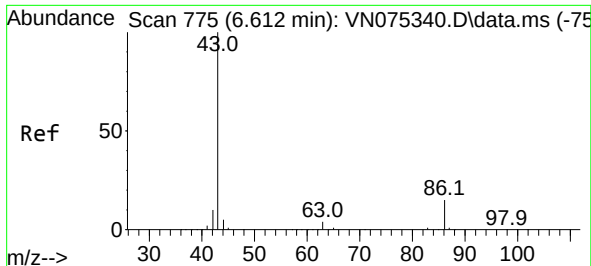
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#22
Diisopropyl ether
Concen: 53.705 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Tgt Ion: 45 Resp: 226100
Ion Ratio Lower Upper
45 100
43 54.2 42.8 64.2
87 38.5 28.4 42.6
59 13.6 10.4 15.6





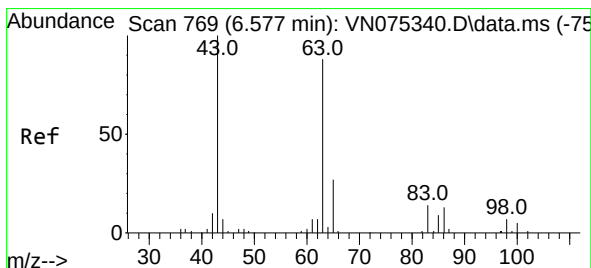
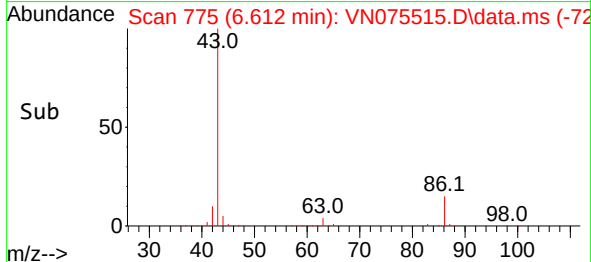
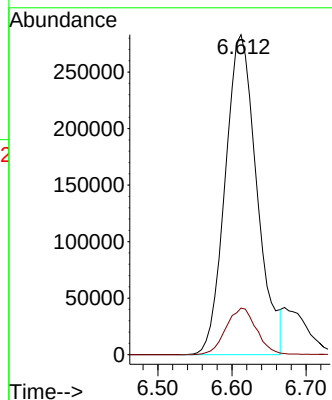
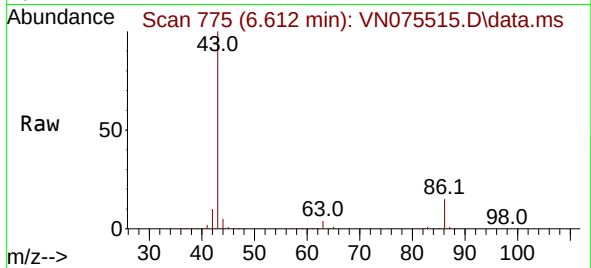
#23
 Vinyl Acetate
 Concen: 250.961 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075515.D
 Acq: 01 Dec 2022 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 84055
 Ion Ratio Lower Upper
 43 100
 86 14.6 10.7 16.1

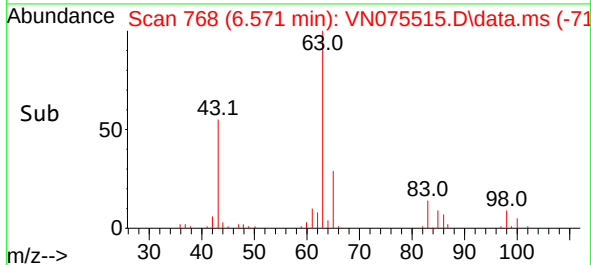
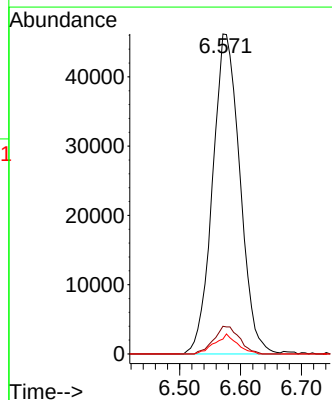
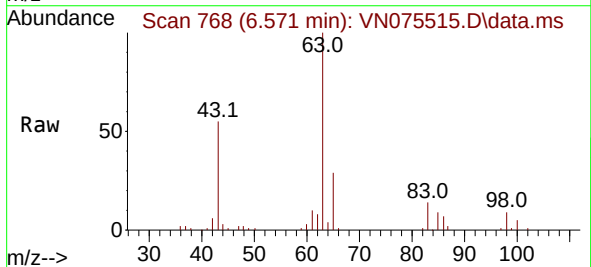
Manual Integrations
 APPROVED

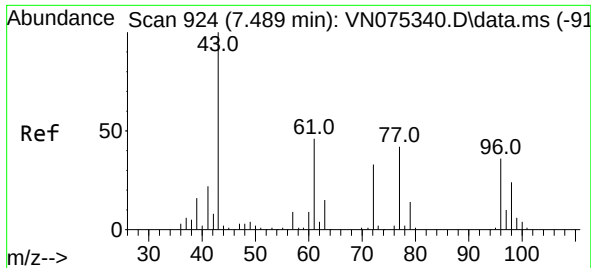
Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022



#24
 1,1-Dichloroethane
 Concen: 53.299 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075515.D
 Acq: 01 Dec 2022 15:02

Tgt Ion: 63 Resp: 144029
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 4.6 2.4 7.2





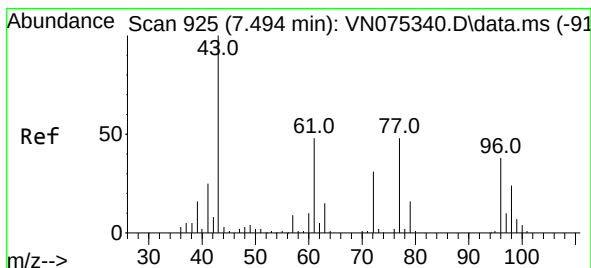
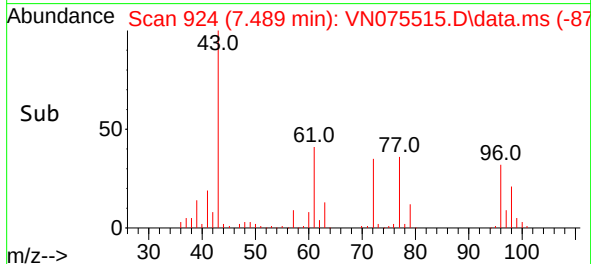
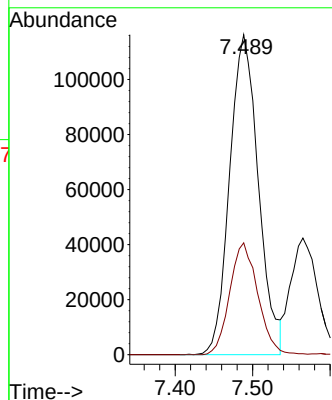
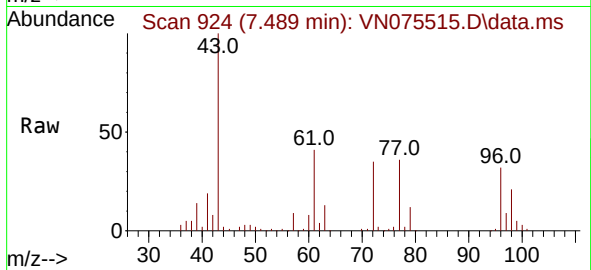
#25
2-Butanone
Concen: 279.116 ug/l
RT: 7.489 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 300490
Ion Ratio Lower Upper
43 100
72 35.0 25.5 38.3

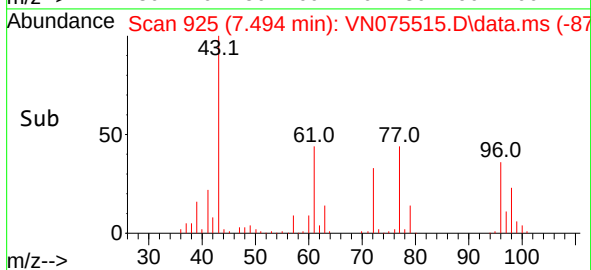
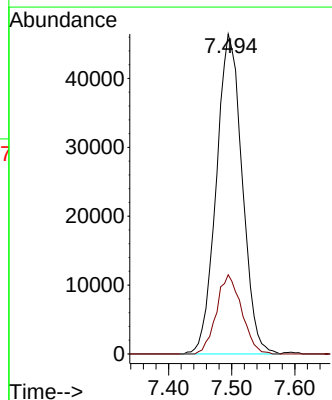
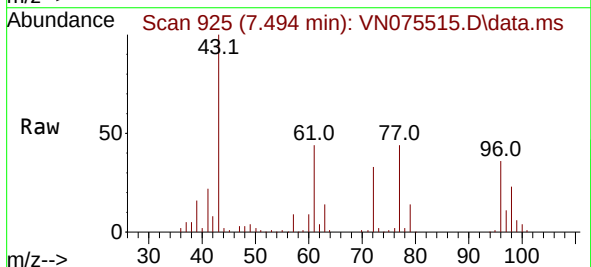
Manual Integrations
APPROVED

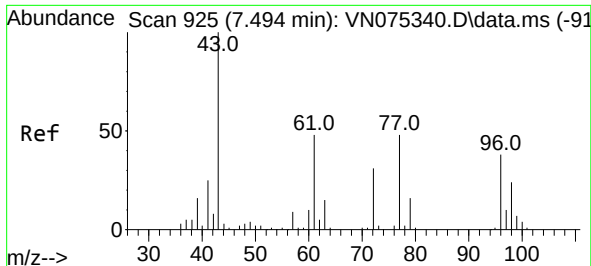
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#26
2,2-Dichloropropane
Concen: 52.663 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Tgt Ion: 77 Resp: 132260
Ion Ratio Lower Upper
77 100
97 24.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 56.619 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 10406

Ion Ratio Lower Upper

96 100

61 124.5 0.0 278.8

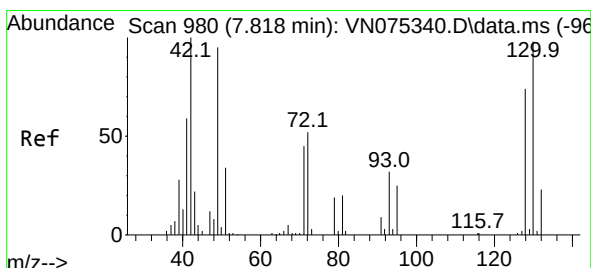
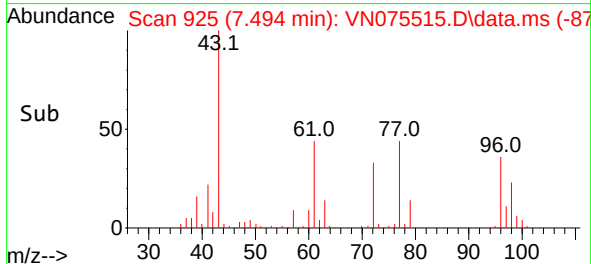
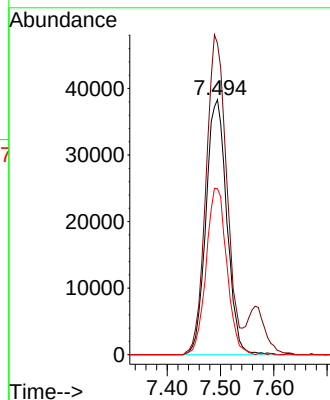
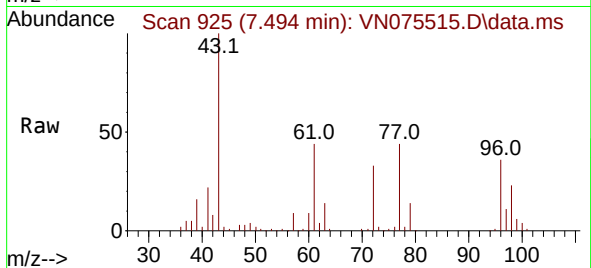
98 64.7 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#28

Bromochloromethane

Concen: 51.283 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

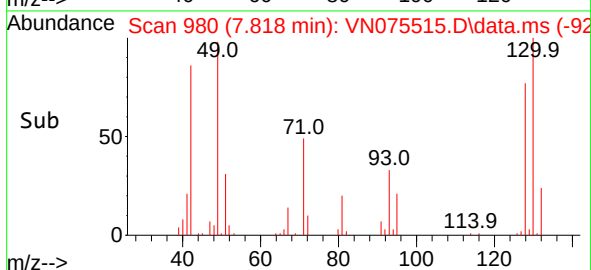
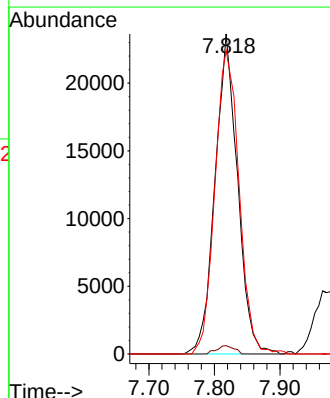
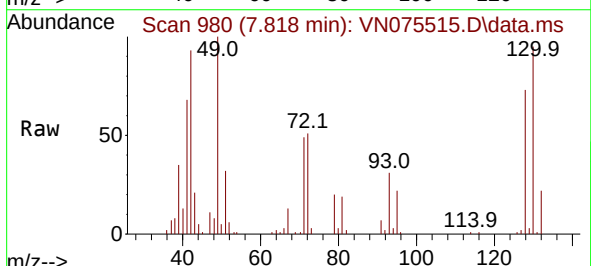
Tgt Ion: 49 Resp: 56252

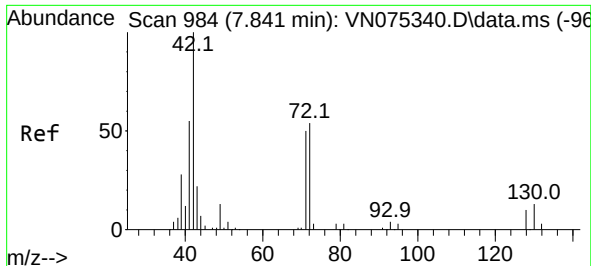
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 101.9 66.2 99.4





#29

Tetrahydrofuran

Concen: 263.151 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 17232

Ion Ratio Lower Upper

42 100

72 56.8 43.0 64.6

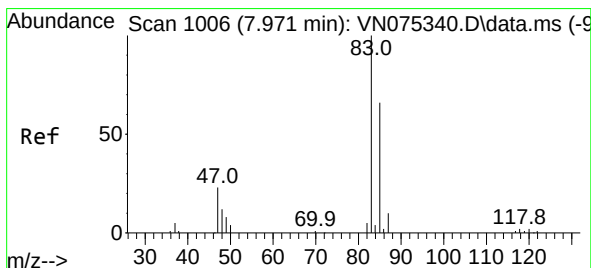
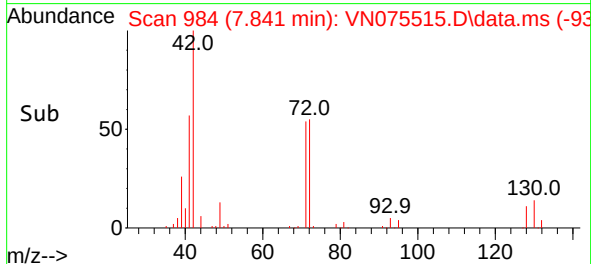
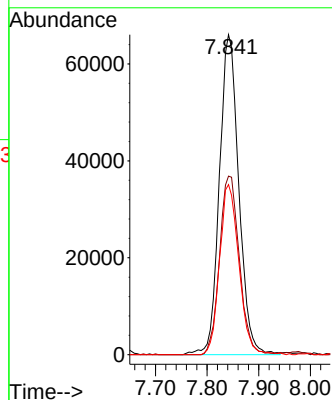
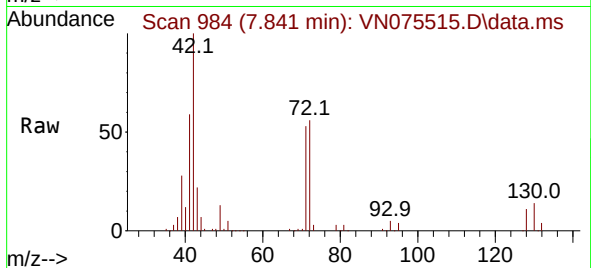
71 52.9 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#30

Chloroform

Concen: 52.084 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075515.D

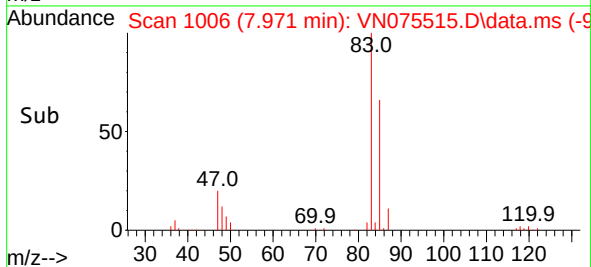
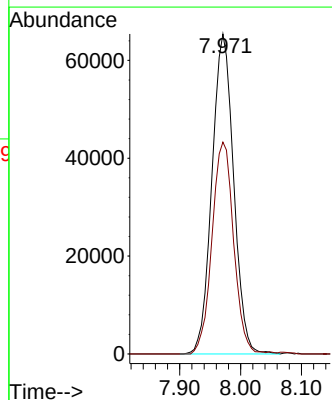
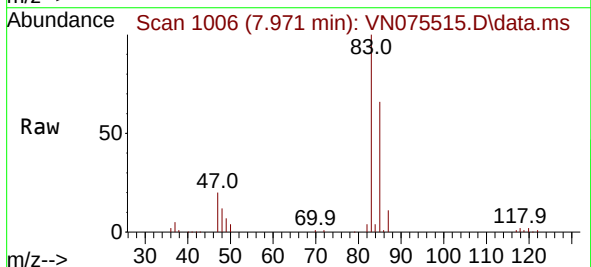
Acq: 01 Dec 2022 15:02

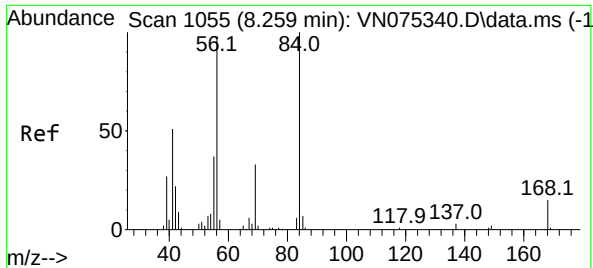
Tgt Ion: 83 Resp: 161629

Ion Ratio Lower Upper

83 100

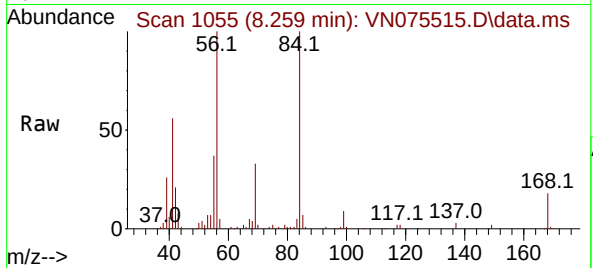
85 66.2 51.4 77.0





#31
Cyclohexane
Concen: 47.264 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

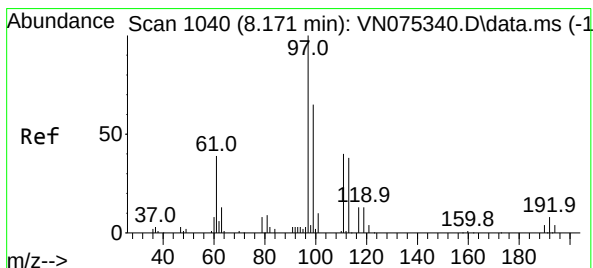
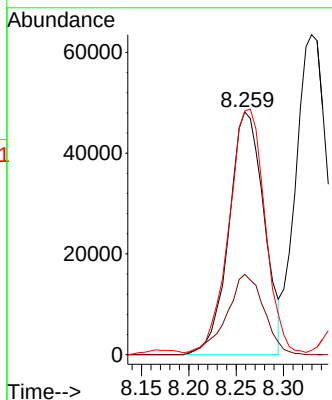
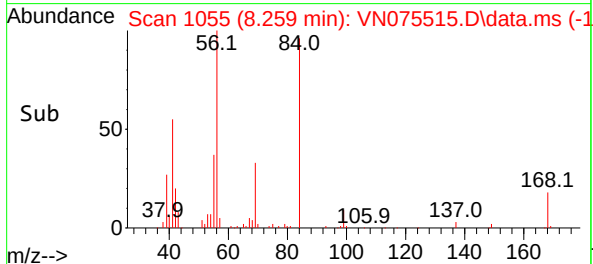
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



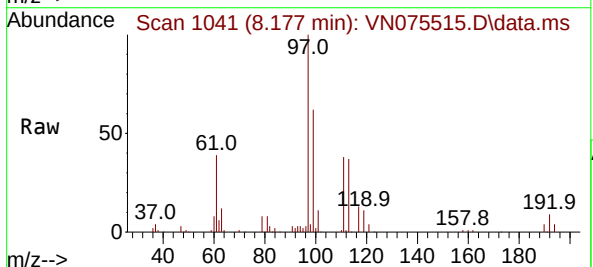
Tgt Ion: 56 Resp: 124140
Ion Ratio Lower Upper
56 100
69 33.1 25.2 37.8
84 99.0 77.8 116.8

Manual Integrations
APPROVED

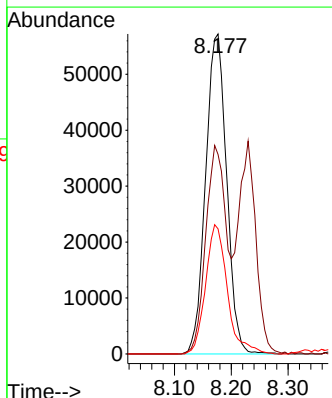
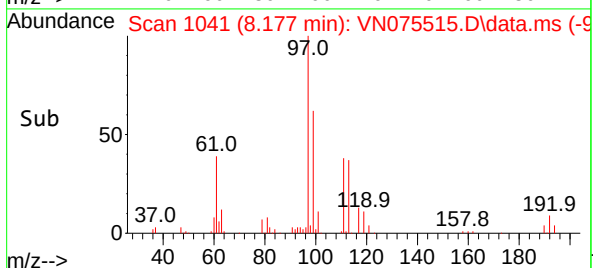
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

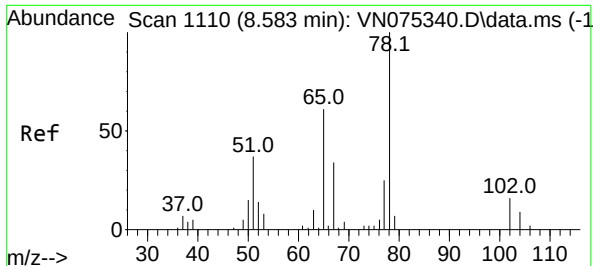


#32
1,1,1-Trichloroethane
Concen: 52.129 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



Tgt Ion: 97 Resp: 146883
Ion Ratio Lower Upper
97 100
99 63.7 50.2 75.2
61 41.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 51.708 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 42748

Ion Ratio Lower Upper

65 100

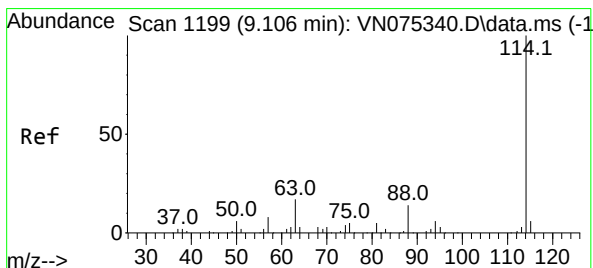
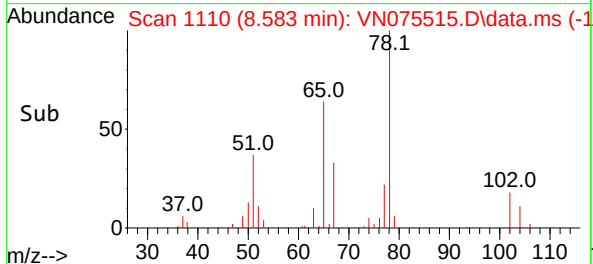
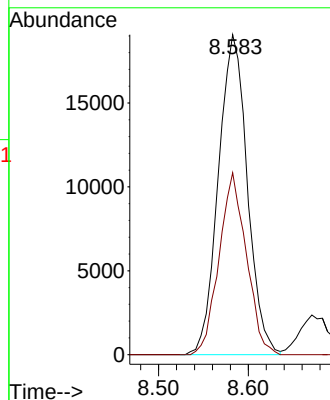
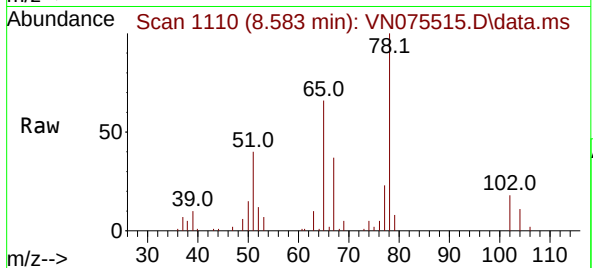
67 53.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

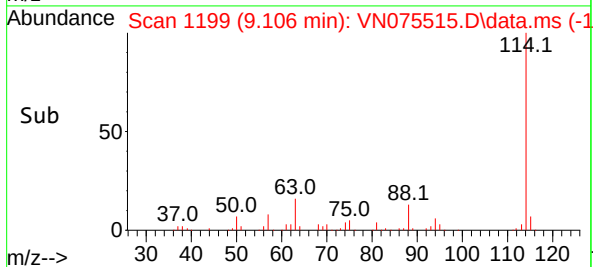
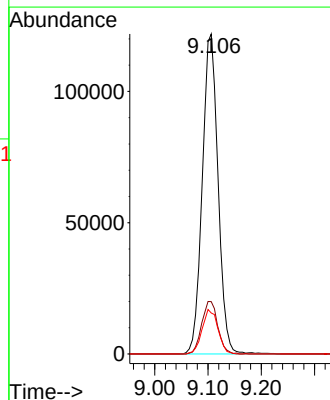
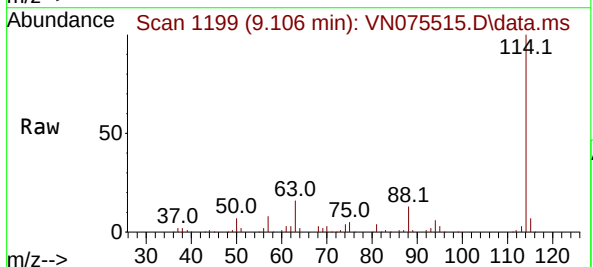
Tgt Ion:114 Resp: 250106

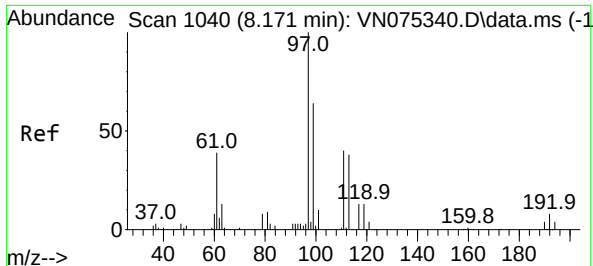
Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.6

88 12.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 56.959 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

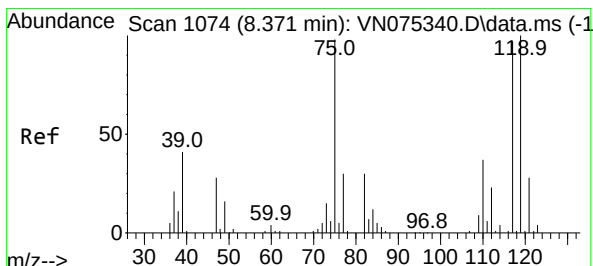
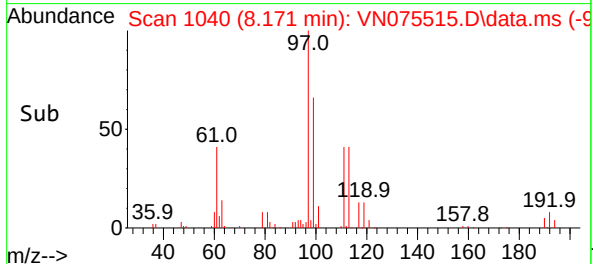
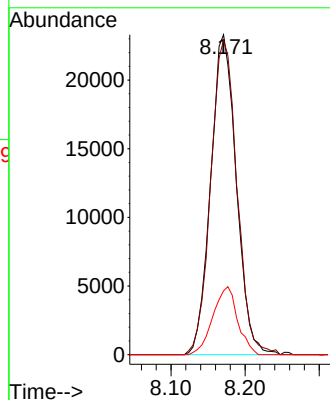
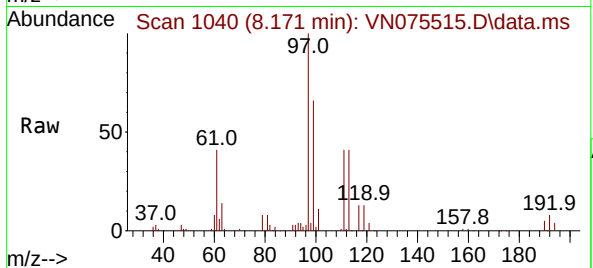
Tgt Ion:	113	Resp:	5596
Ion Ratio	Lower	Upper	
113	100		
111	100.5	80.5	120.7
192	20.5	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#36

1,1-Dichloropropene

Concen: 52.440 ug/l

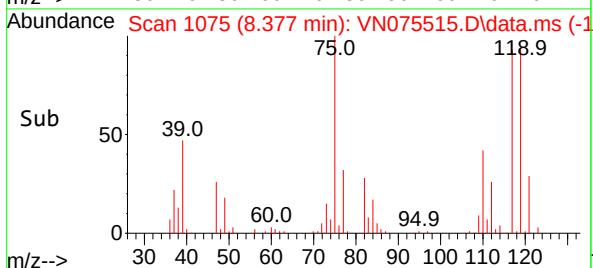
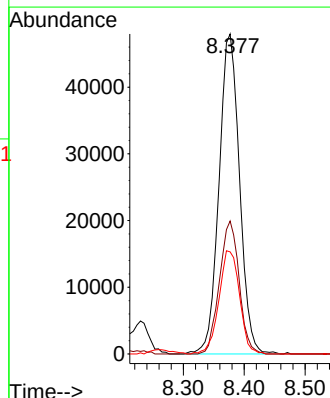
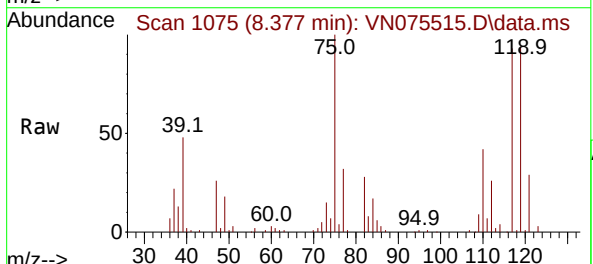
RT: 8.377 min Scan# 1075

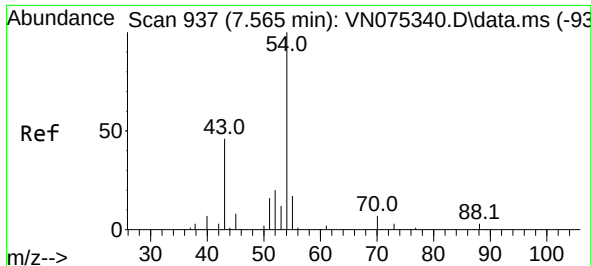
Delta R.T. 0.006 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

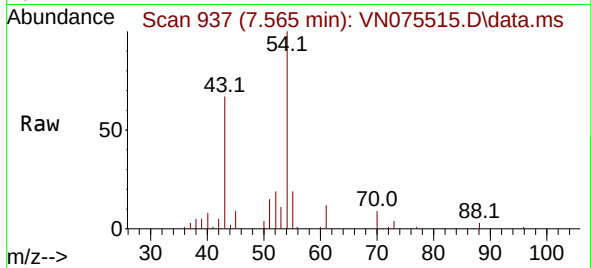
Tgt Ion:	75	Resp:	112358
Ion Ratio	Lower	Upper	
75	100		
110	39.8	17.8	53.3
77	32.4	24.6	37.0





#37
Ethyl Acetate
Concen: 54.254 ug/l
RT: 7.565 min Scan# 937
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

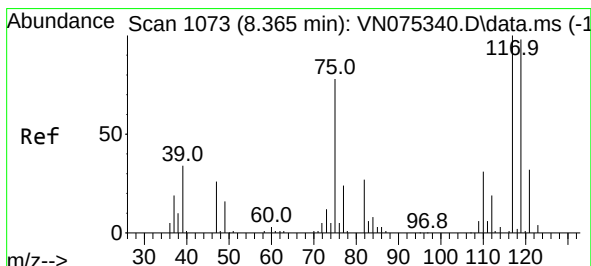
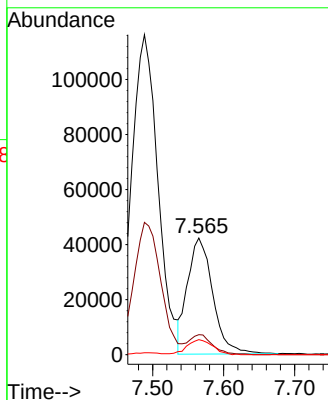
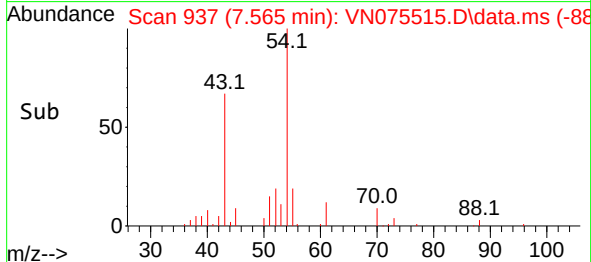
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 104670
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.4
70 13.0 9.4 14.2

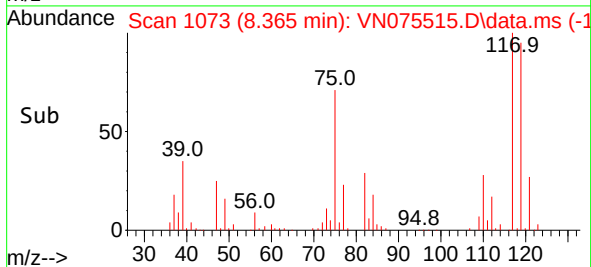
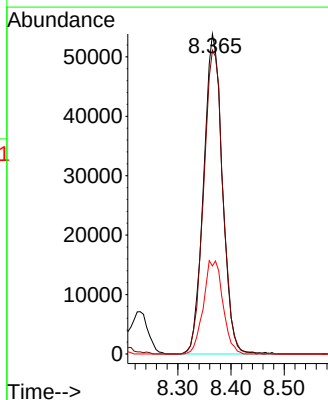
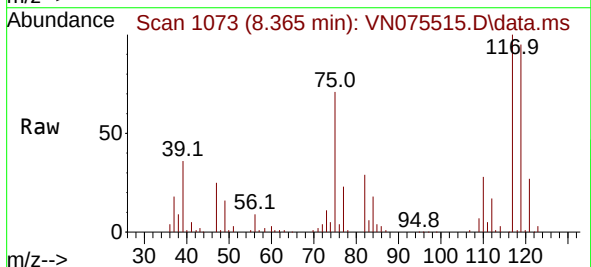
Manual Integrations
APPROVED

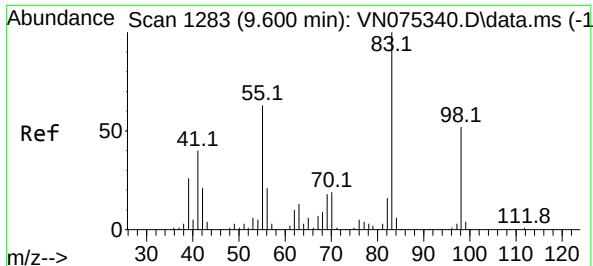
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#38
Carbon Tetrachloride
Concen: 55.817 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Tgt Ion:117 Resp: 131376
Ion Ratio Lower Upper
117 100
119 94.9 76.7 115.1
121 27.5 23.9 35.9





#39

Methylcyclohexane

Concen: 55.486 ug/l

RT: 9.600 min Scan# 11283

Delta R.T. 0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 148789

Ion Ratio Lower Upper

83 100

55 63.5 53.6 80.4

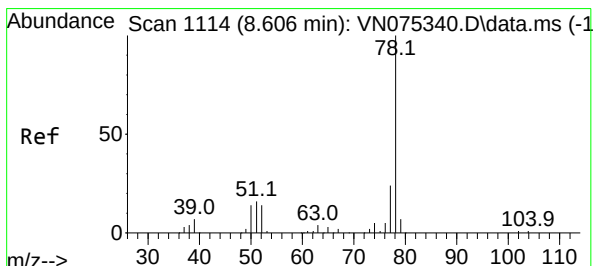
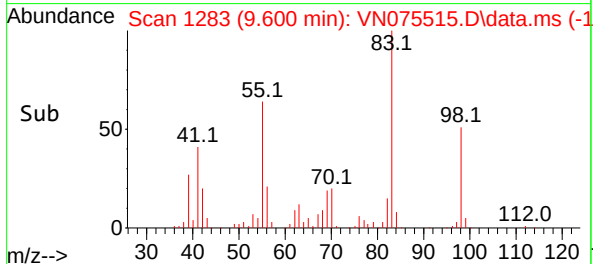
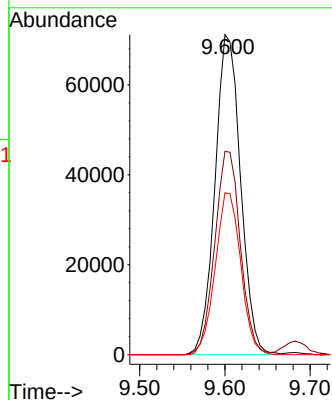
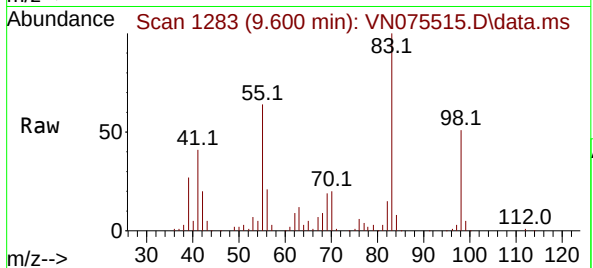
98 50.6 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#40

Benzene

Concen: 54.840 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VN075515.D

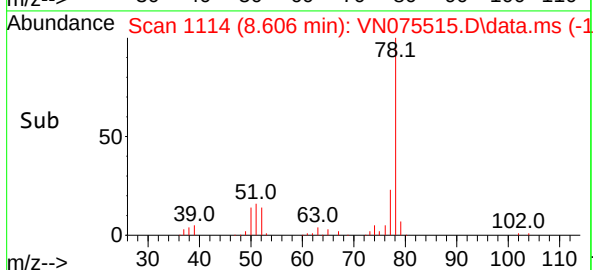
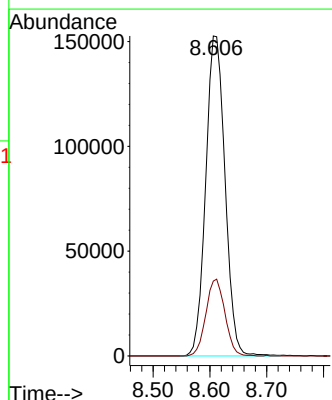
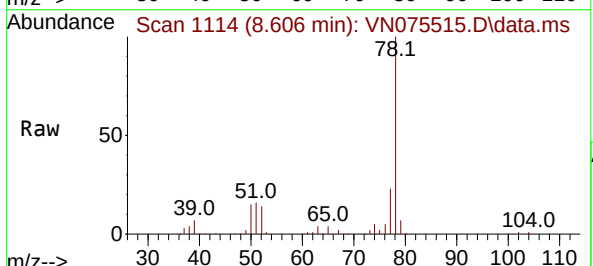
Acq: 01 Dec 2022 15:02

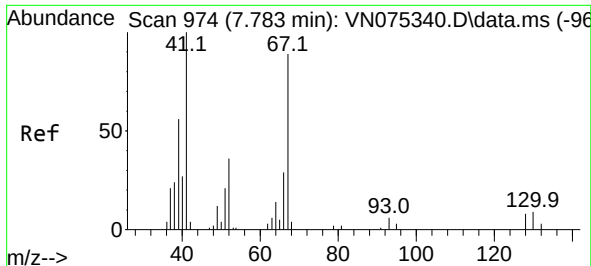
Tgt Ion: 78 Resp: 359748

Ion Ratio Lower Upper

78 100

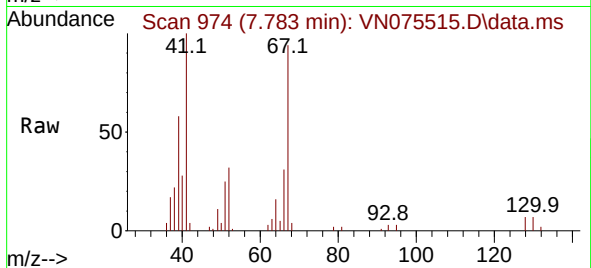
77 23.4 19.4 29.0





#41
Methacrylonitrile
Concen: 55.062 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

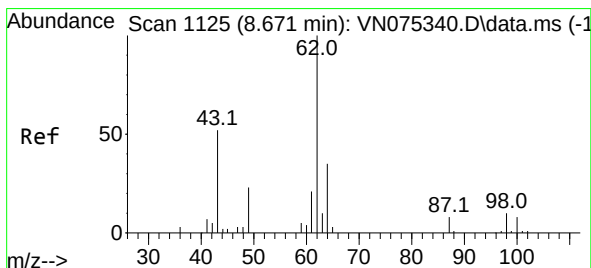
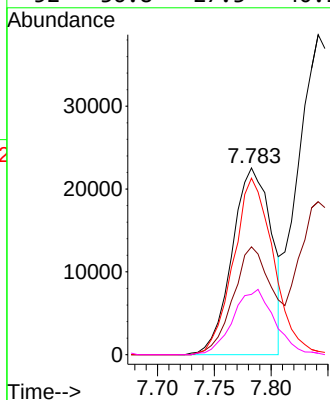
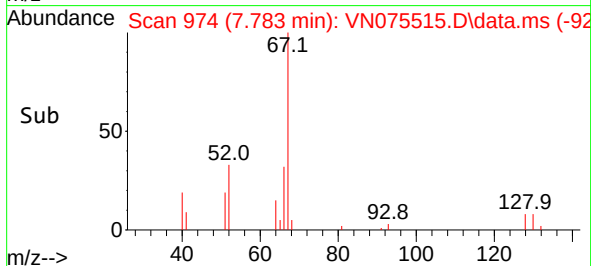
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



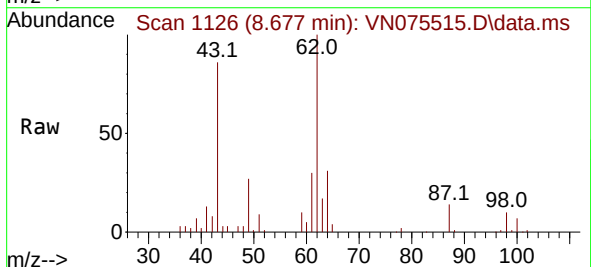
Tgt Ion: 41 Resp: 54310
Ion Ratio Lower Upper
41 100
39 58.9 44.4 66.6
67 96.9 69.8 104.6
52 36.8 27.3 40.9

Manual Integrations
APPROVED

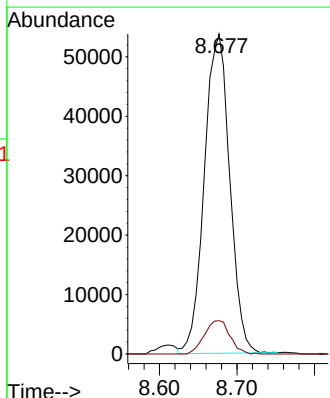
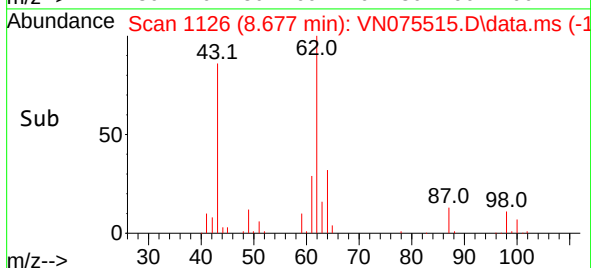
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

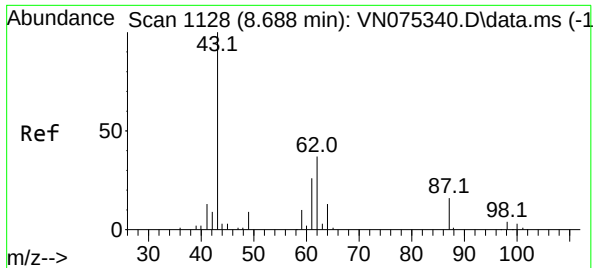


#42
1,2-Dichloroethane
Concen: 55.625 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



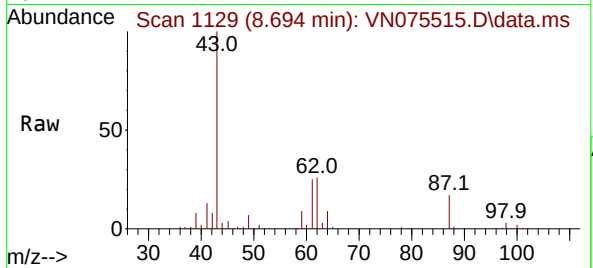
Tgt Ion: 62 Resp: 122210
Ion Ratio Lower Upper
62 100
98 10.5 0.0 18.2





#43
Isopropyl Acetate
Concen: 58.404 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

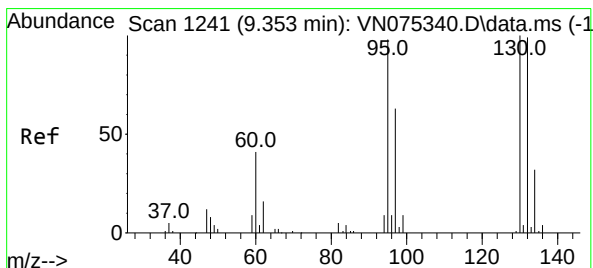
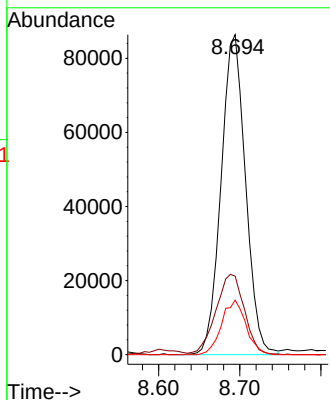
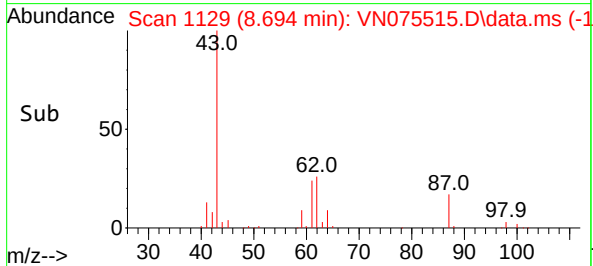
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



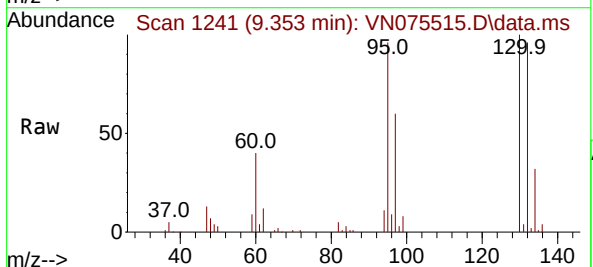
Tgt Ion: 43 Resp: 180859
Ion Ratio Lower Upper
43 100
61 29.3 22.4 33.6
87 17.0 12.5 18.7

Manual Integrations
APPROVED

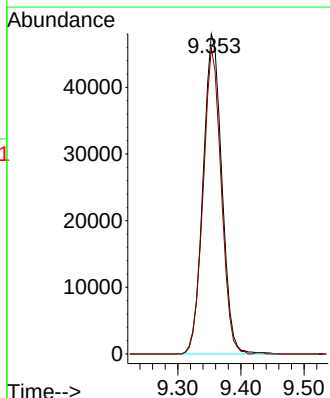
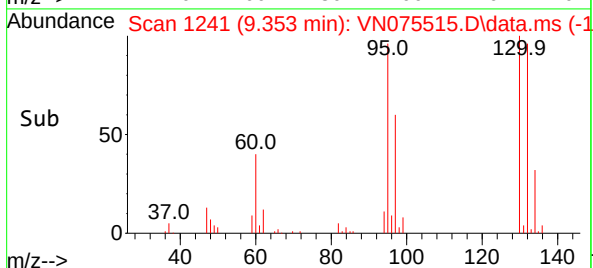
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

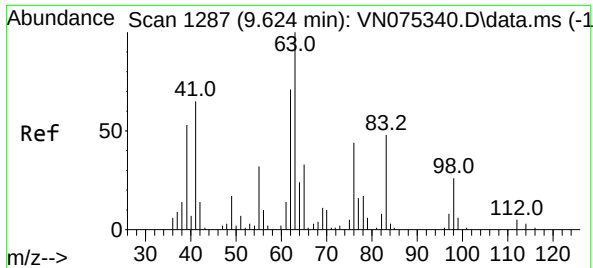


#44
Trichloroethene
Concen: 54.947 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



Tgt Ion:130 Resp: 98628
Ion Ratio Lower Upper
130 100
95 95.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 54.623 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8539

Ion Ratio Lower Upper

63 100

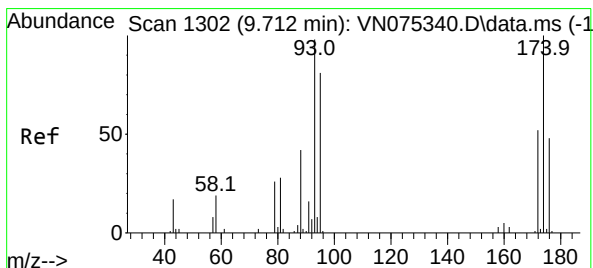
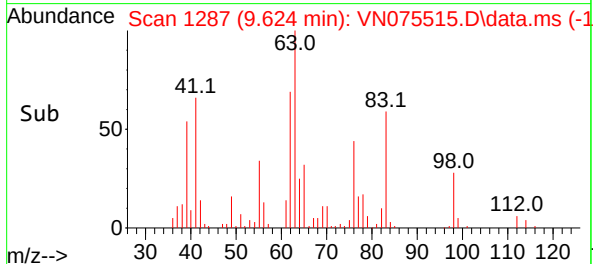
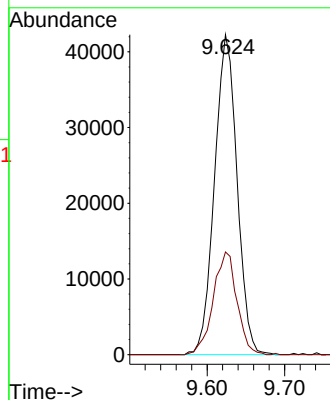
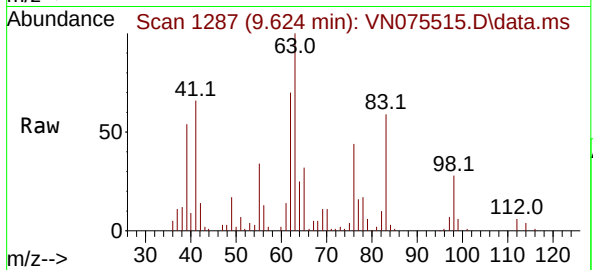
65 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#46

Dibromomethane

Concen: 55.816 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

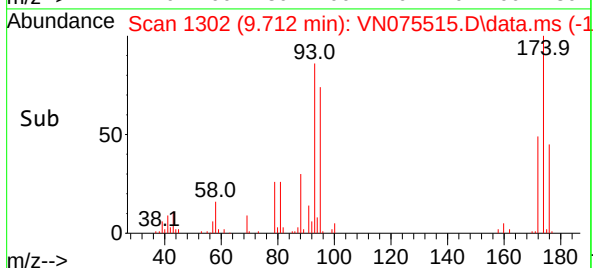
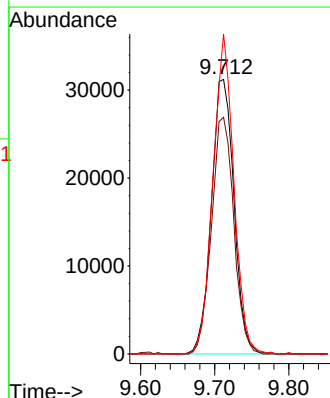
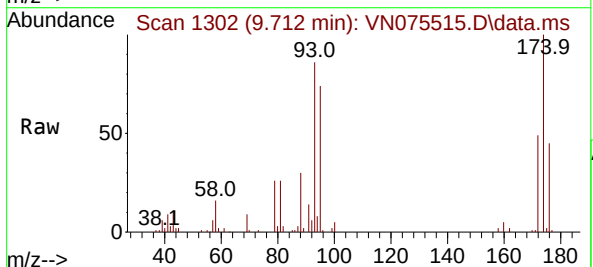
Tgt Ion: 93 Resp: 65999

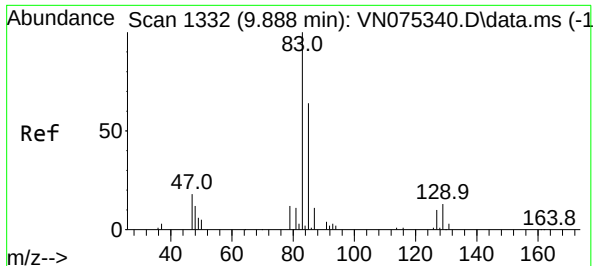
Ion Ratio Lower Upper

93 100

95 85.5 66.6 99.8

174 107.7 70.3 105.5





#47

Bromodichloromethane

Concen: 57.068 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 130670

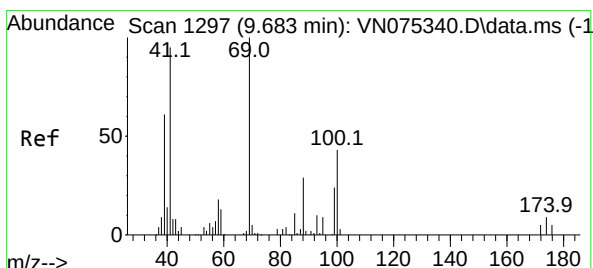
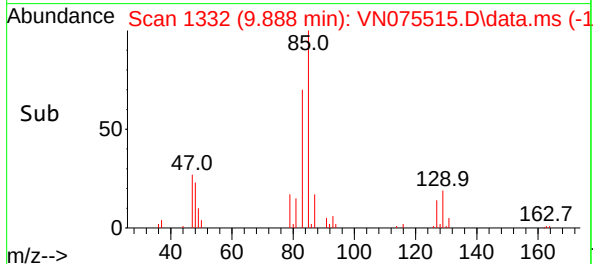
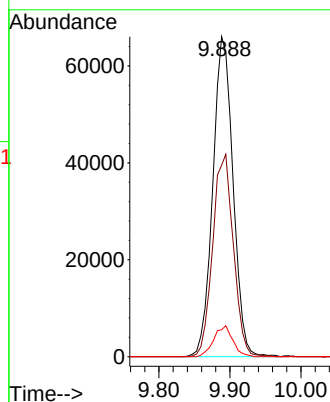
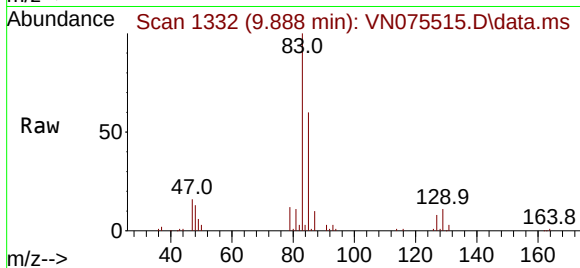
Ion	Ratio	Lower	Upper
83	100		
85	59.9	52.1	78.1
127	8.4	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#48

Methyl methacrylate

Concen: 57.152 ug/l

RT: 9.682 min Scan# 1297

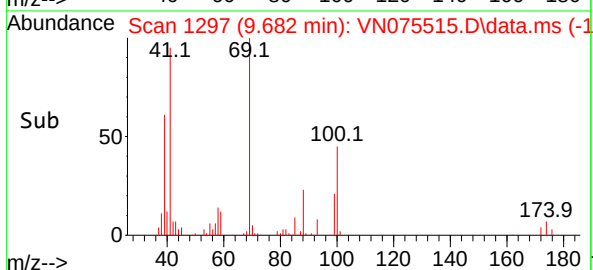
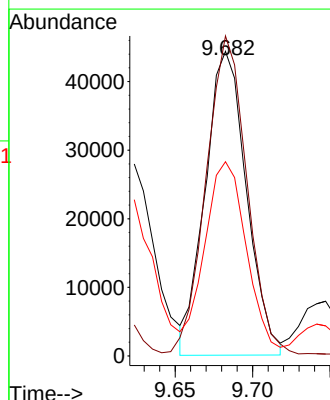
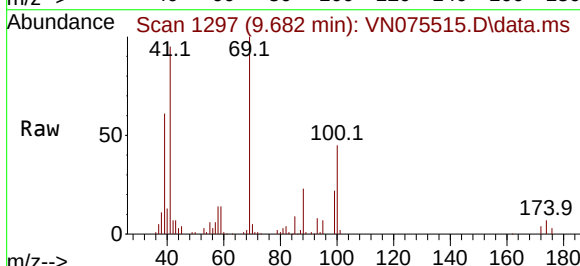
Delta R.T. -0.001 min

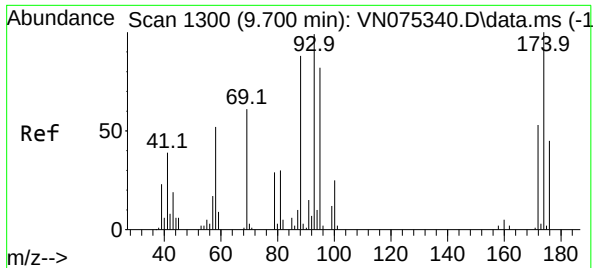
Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

Tgt Ion: 41 Resp: 81836

Ion	Ratio	Lower	Upper
41	100		
69	105.8	80.2	120.2
39	65.6	56.2	84.2





#49

1,4-Dioxane

Concen: 1014.769 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 41260

Ion Ratio Lower Upper

88 100

43 21.4 17.5 26.3

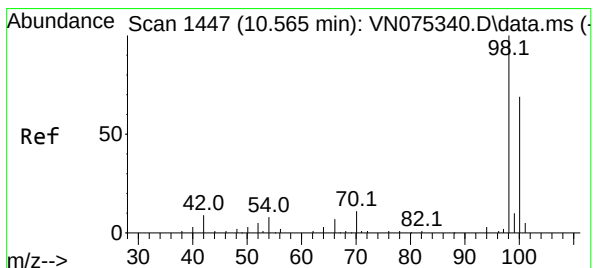
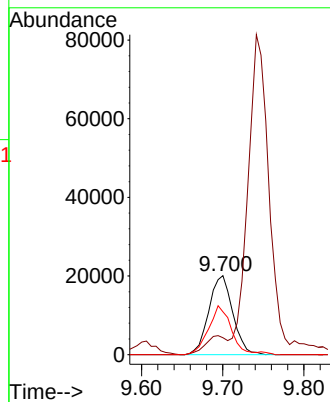
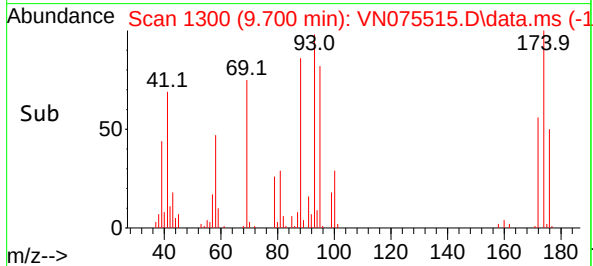
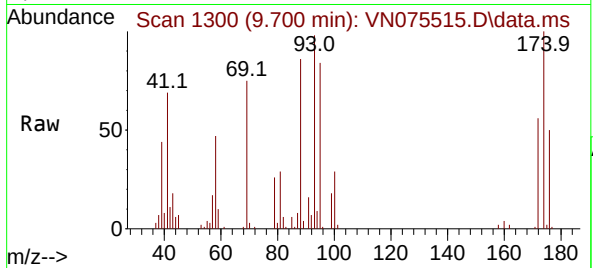
58 59.9 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#50

Toluene-d8

Concen: 54.799 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075515.D

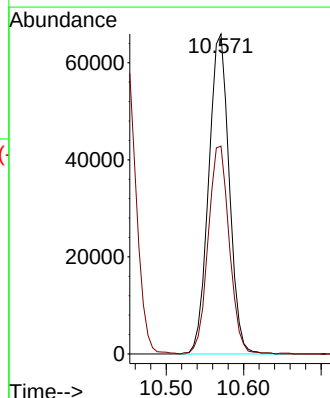
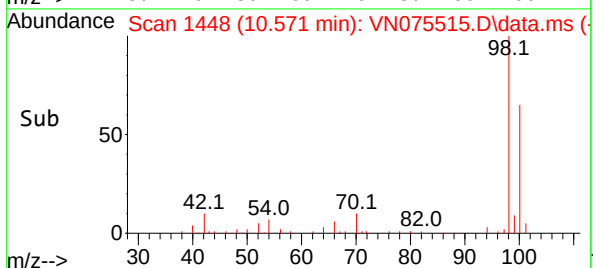
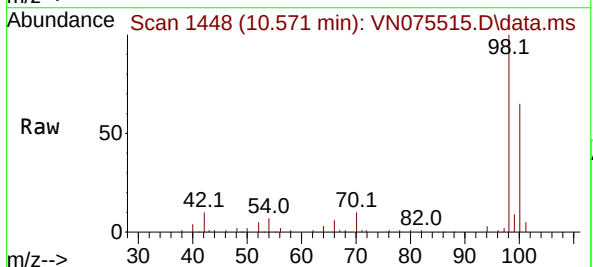
Acq: 01 Dec 2022 15:02

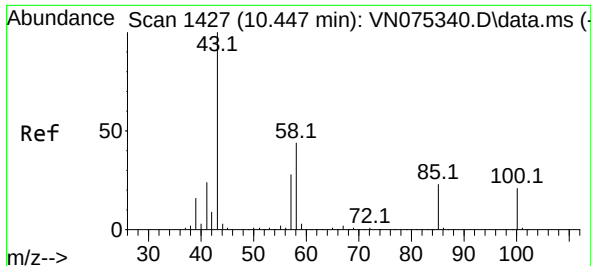
Tgt Ion: 98 Resp: 121263

Ion Ratio Lower Upper

98 100

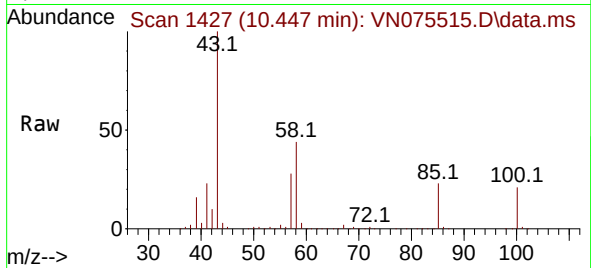
100 66.9 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 284.460 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

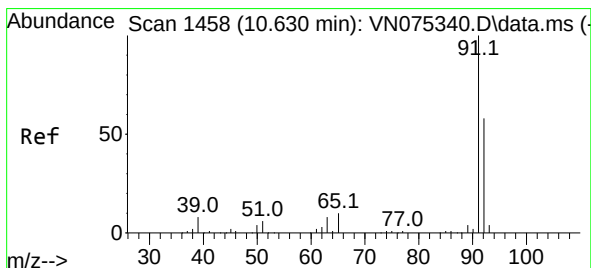
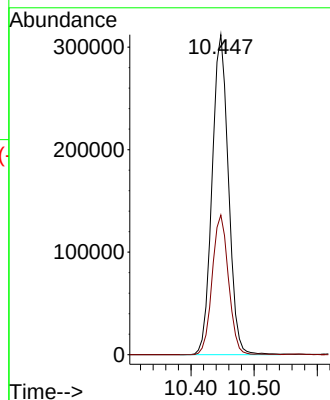
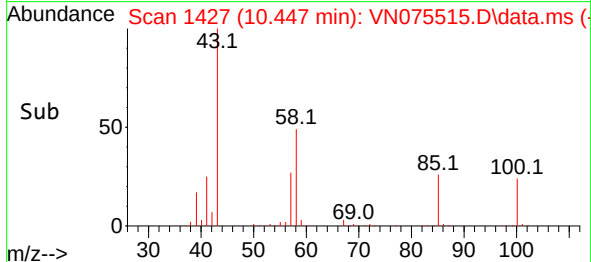
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



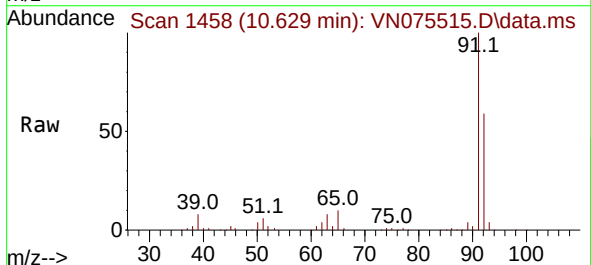
Tgt Ion: 43 Resp: 561058
Ion Ratio Lower Upper
43 100
58 43.5 33.6 50.4

Manual Integrations
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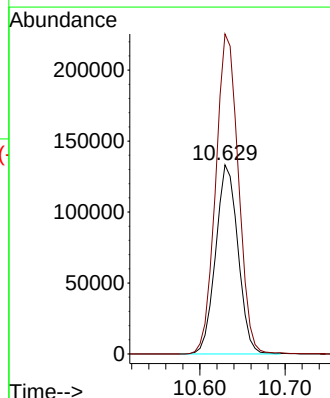
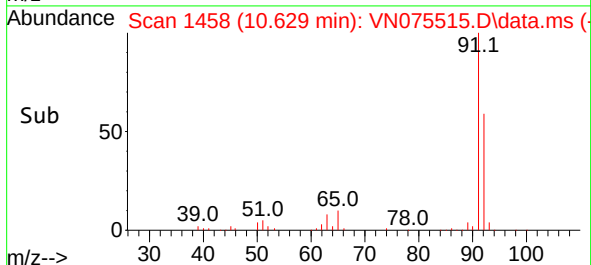
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

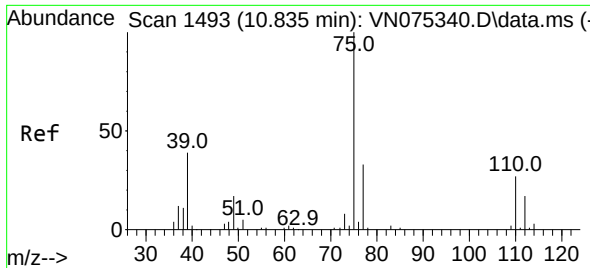


#52
Toluene
Concen: 57.246 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



Tgt Ion: 92 Resp: 241996
Ion Ratio Lower Upper
92 100
91 172.8 135.4 203.2





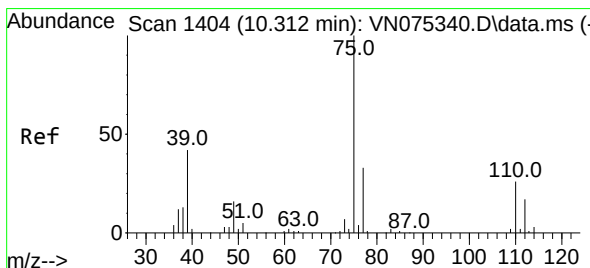
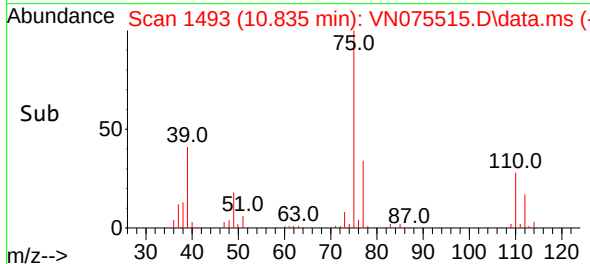
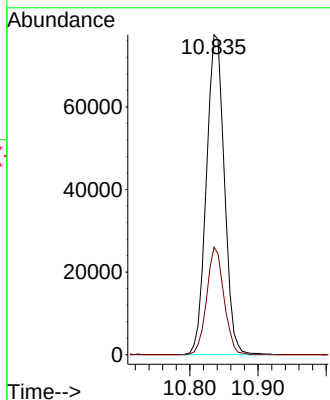
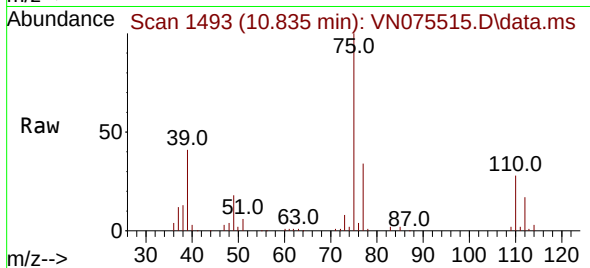
#53
 t-1,3-Dichloropropene
 Concen: 61.860 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075515.D
 Acq: 01 Dec 2022 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 142204
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.4 38.2

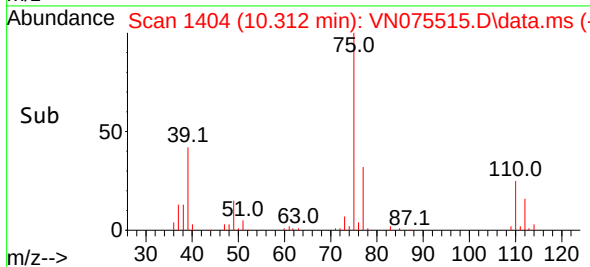
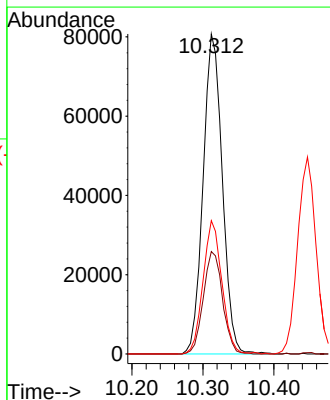
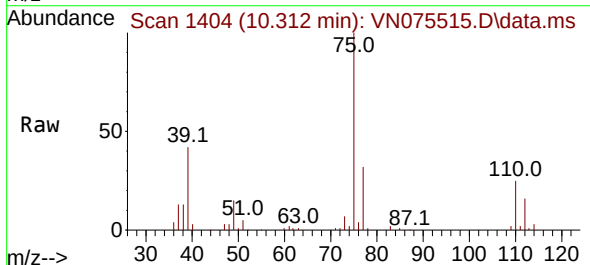
Manual Integrations
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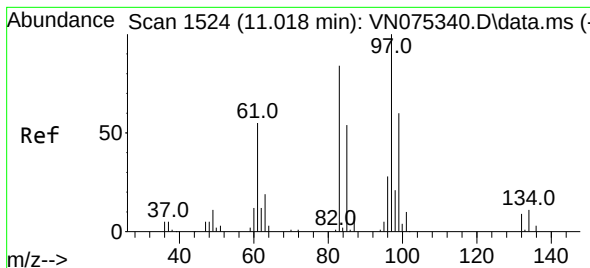
Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022



#54
 cis-1,3-Dichloropropene
 Concen: 60.824 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075515.D
 Acq: 01 Dec 2022 15:02

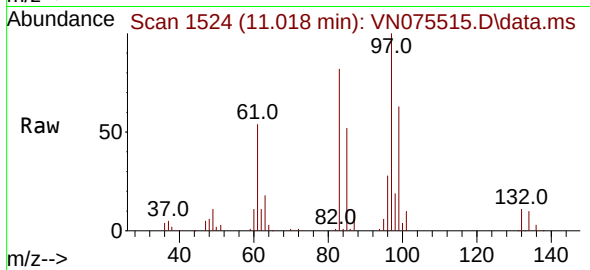
Tgt Ion: 75 Resp: 151861
 Ion Ratio Lower Upper
 75 100
 77 32.0 23.7 35.5
 39 41.7 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 57.497 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

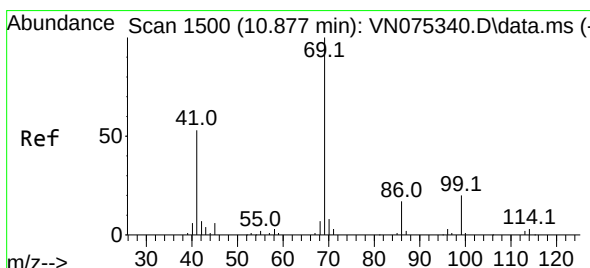
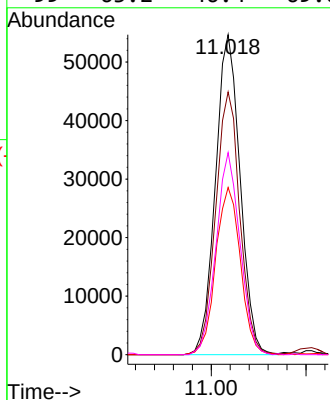
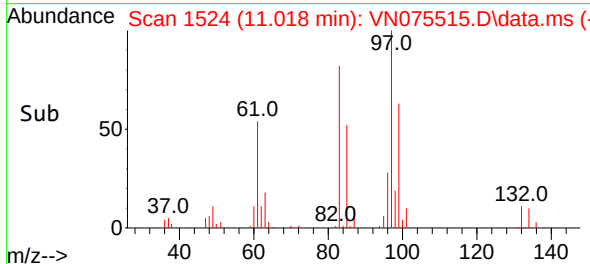
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



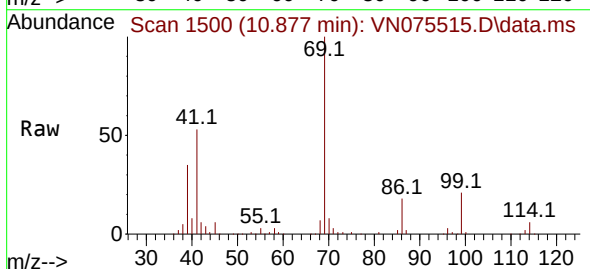
Tgt Ion:	97	Resp:	98990
Ion Ratio	100	Lower	Upper
97	100		
83	82.1	65.9	98.9
85	52.3	40.4	60.6
99	63.2	46.4	69.6

Manual Integrations
APPROVED

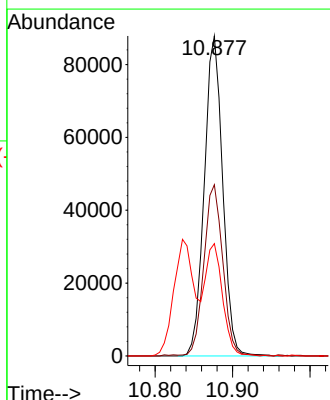
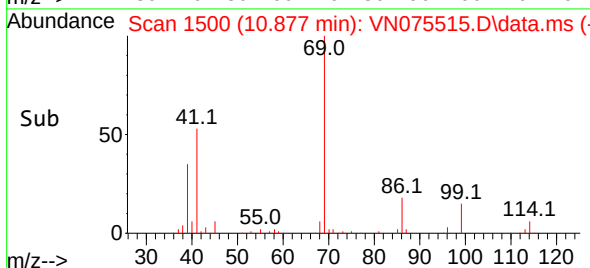
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

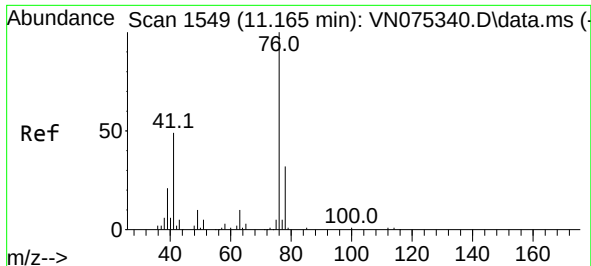


#56
Ethyl methacrylate
Concen: 62.261 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



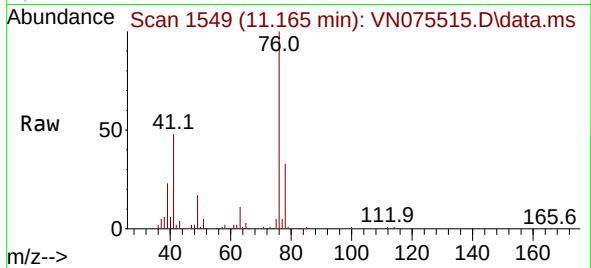
Tgt Ion:	69	Resp:	144769
Ion Ratio	100	Lower	Upper
69	100		
41	55.4	45.6	68.4
39	32.3	28.5	42.7





#57
1,3-Dichloropropane
Concen: 57.097 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

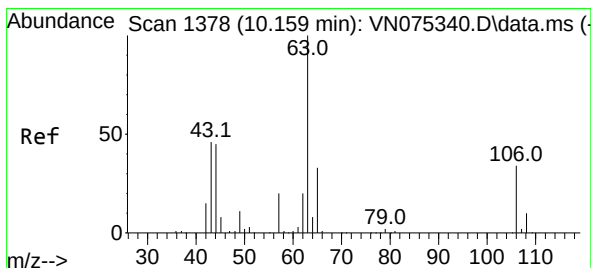
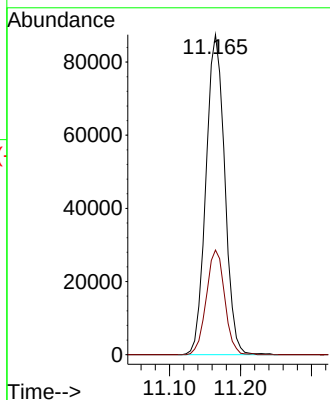
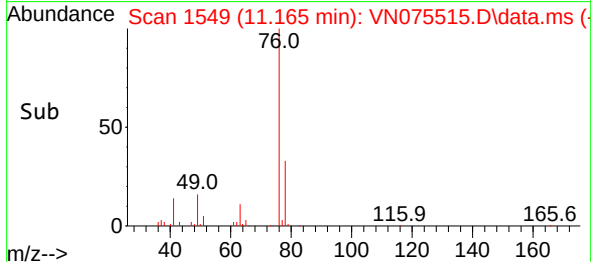
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



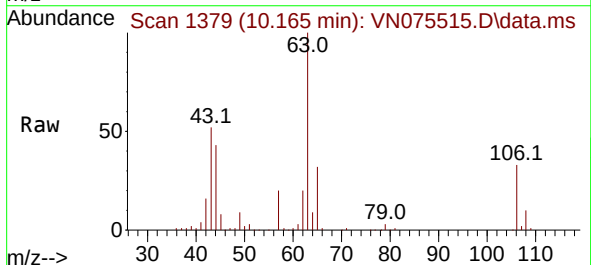
Tgt Ion: 76 Resp: 160295
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.6

Manual Integrations
APPROVED

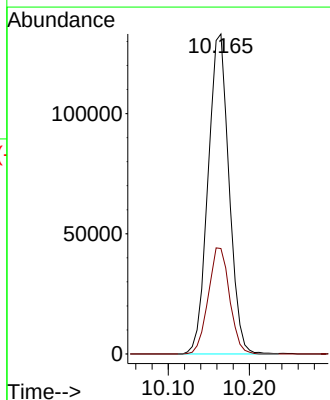
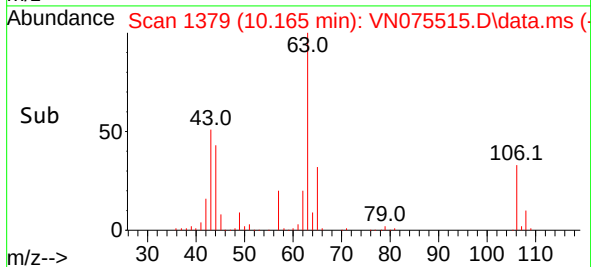
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

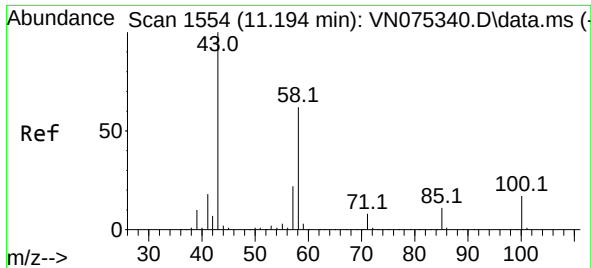


#58
2-Chloroethyl Vinyl ether
Concen: 284.670 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



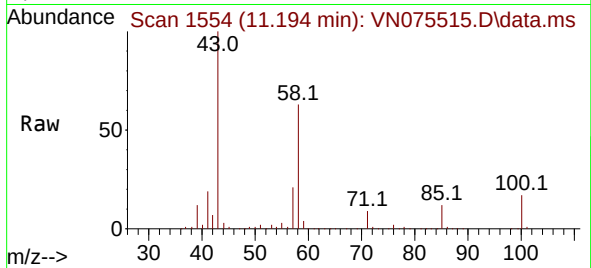
Tgt Ion: 63 Resp: 238723
Ion Ratio Lower Upper
63 100
106 33.7 24.8 37.2





#59
2-Hexanone
Concen: 296.821 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

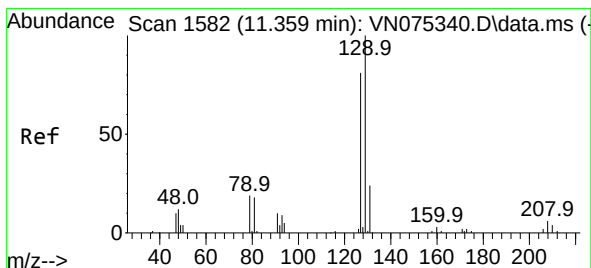
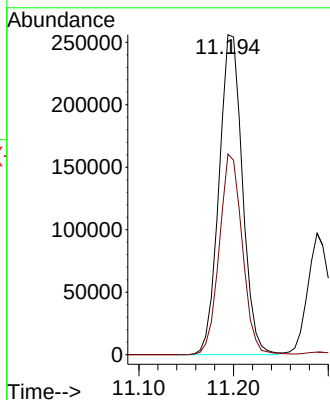
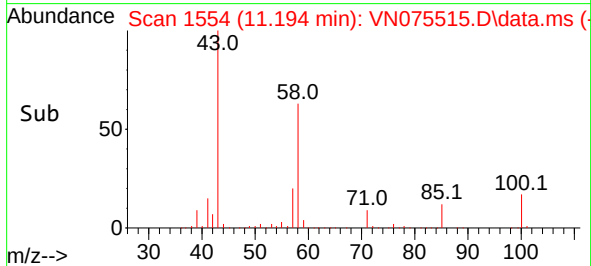
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 439600
Ion Ratio Lower Upper
43 100
58 61.8 29.6 88.8

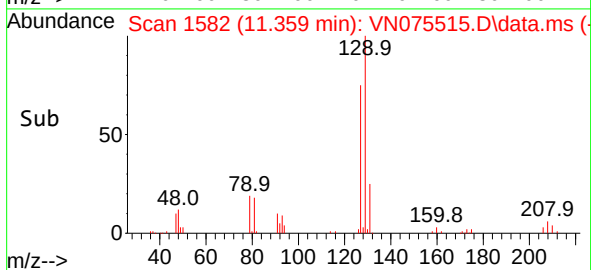
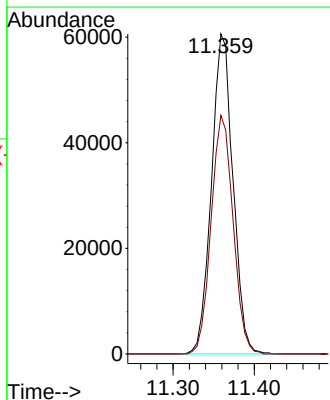
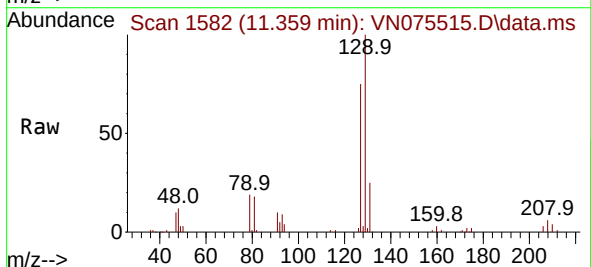
Manual Integrations
APPROVED

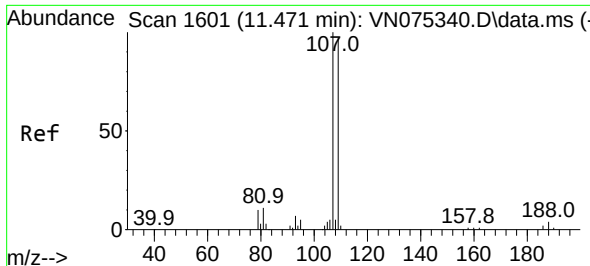
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#60
Dibromochloromethane
Concen: 63.160 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

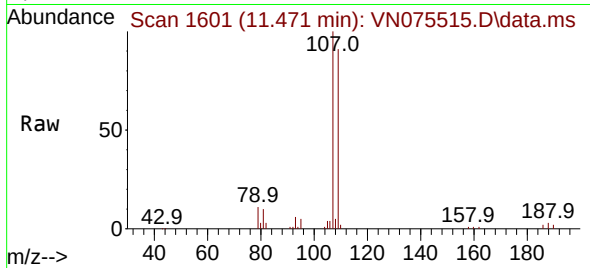
Tgt Ion:129 Resp: 111623
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 58.293 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

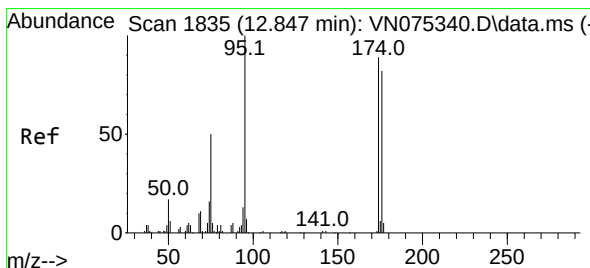
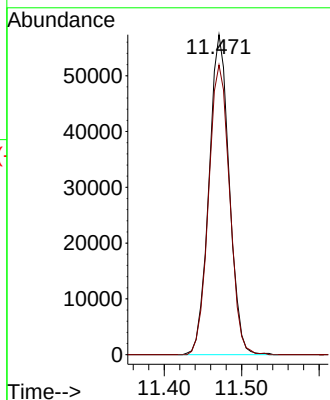
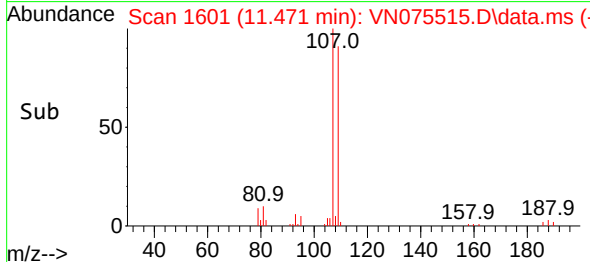
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



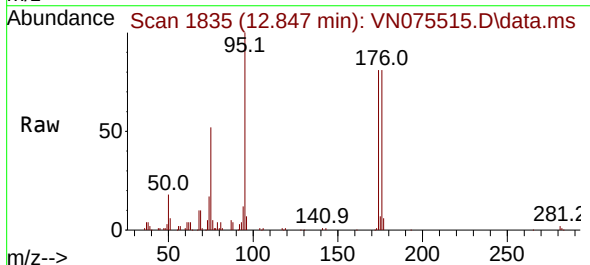
Tgt Ion:107 Resp: 104173
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

Manual Integrations
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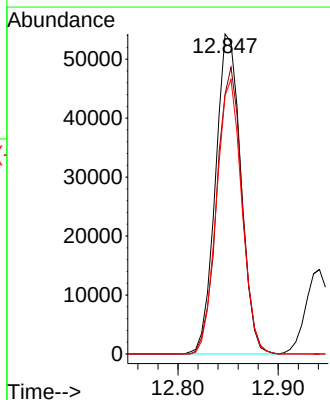
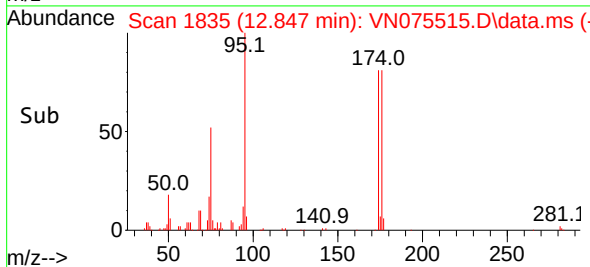
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

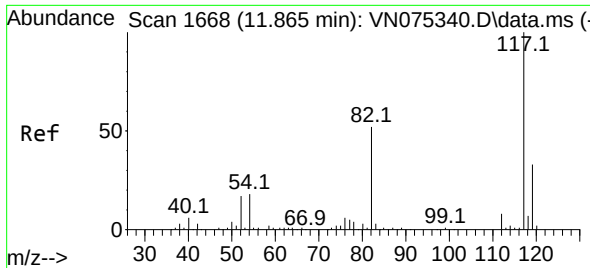


#62
4-Bromofluorobenzene
Concen: 58.269 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



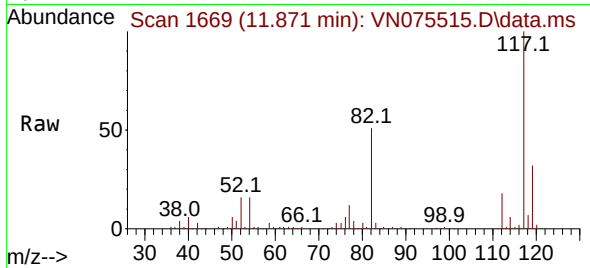
Tgt Ion: 95 Resp: 95173
Ion Ratio Lower Upper
95 100
174 88.7 0.0 147.4
176 85.5 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

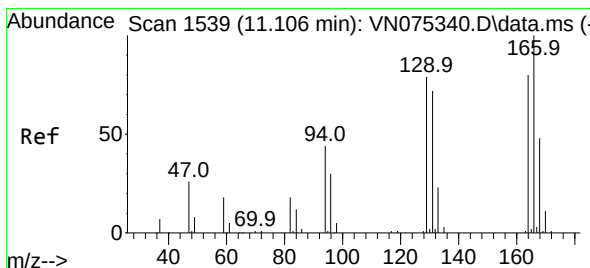
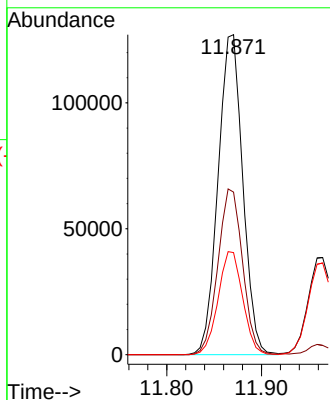
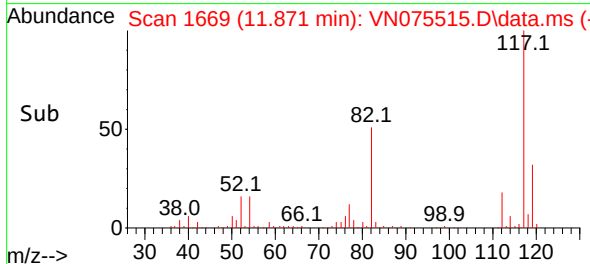
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 23051
Ion Ratio Lower Upper
117 100
82 50.8 43.1 64.7
119 31.9 25.5 38.3

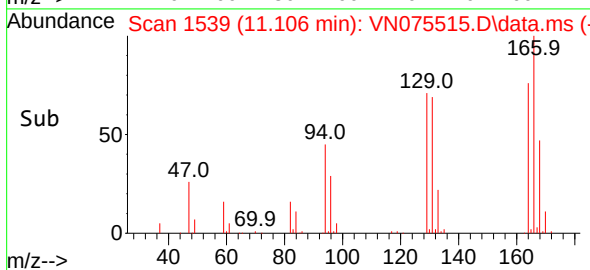
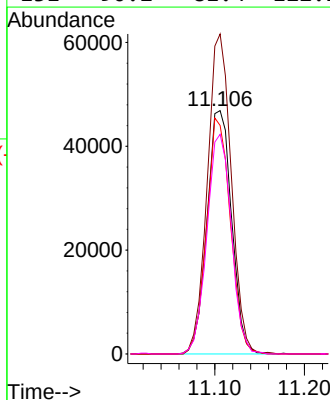
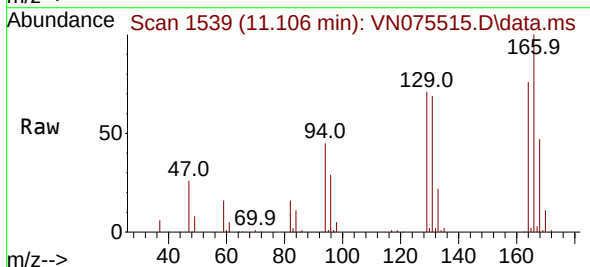
Manual Integrations
APPROVED

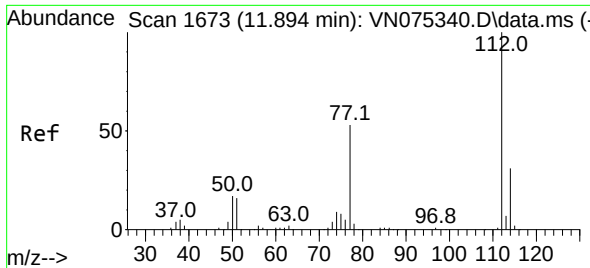
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#64
Tetrachloroethene
Concen: 50.875 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

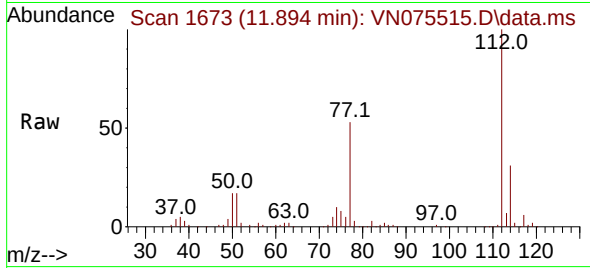
Tgt Ion:164 Resp: 89555
Ion Ratio Lower Upper
164 100
166 131.5 106.5 159.7
129 93.9 81.9 122.9
131 90.2 81.4 122.2





#65
Chlorobenzene
Concen: 56.405 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

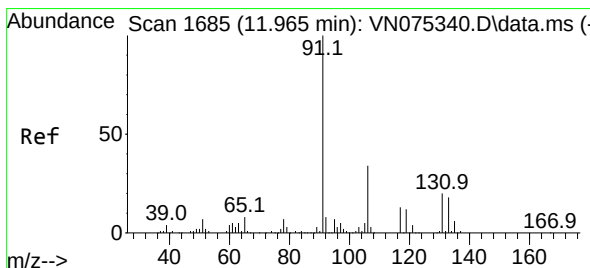
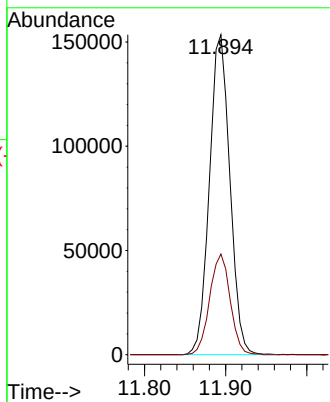
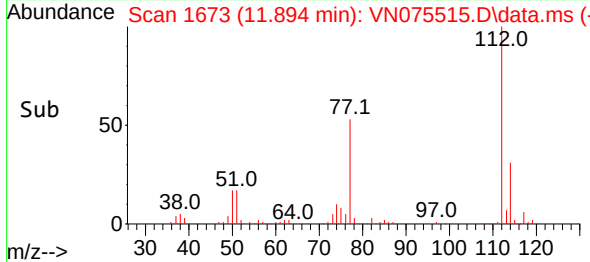
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 26851
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

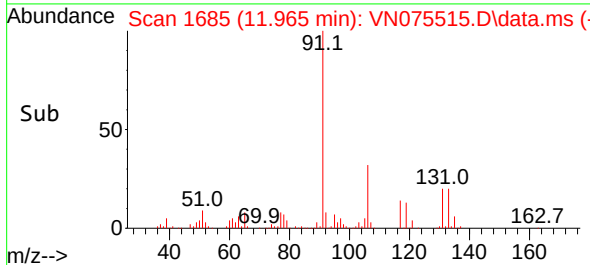
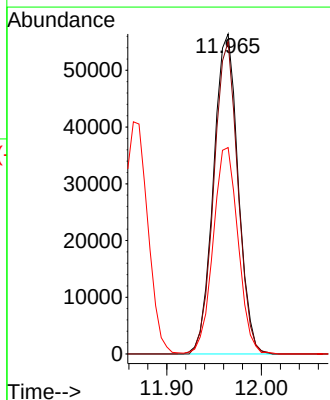
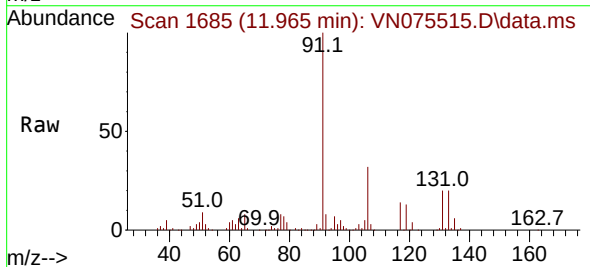
Manual Integrations
APPROVED

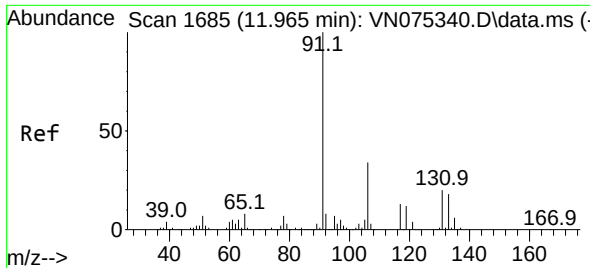
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 57.440 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

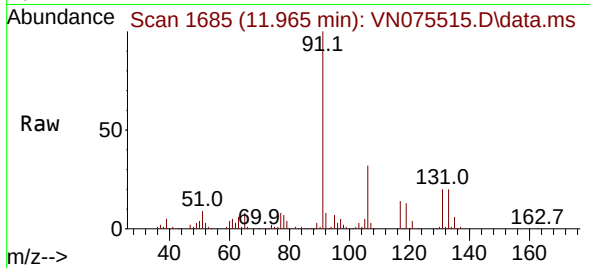
Tgt Ion:131 Resp: 102054
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.4
119 65.3 33.0 99.0





#67
Ethyl Benzene
Concen: 57.749 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

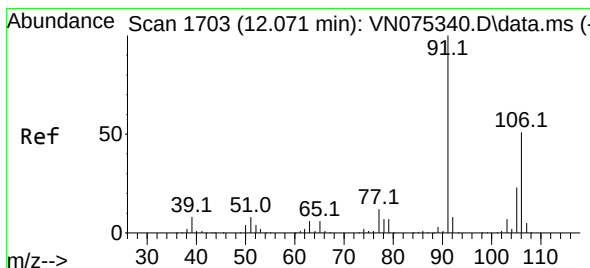
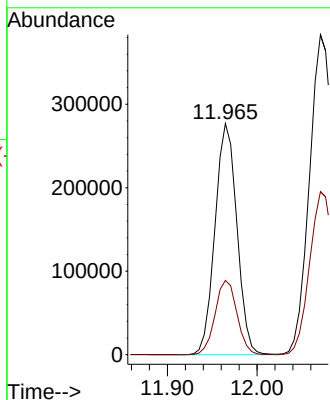
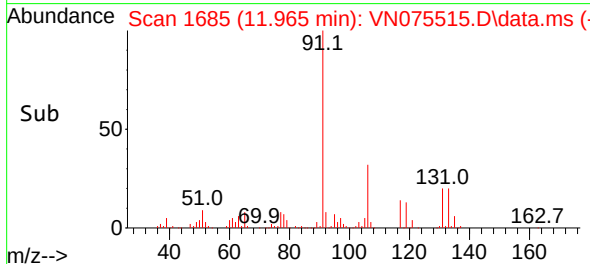
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



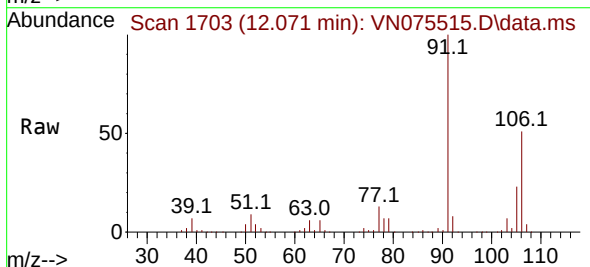
Tgt Ion: 91 Resp: 469010
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

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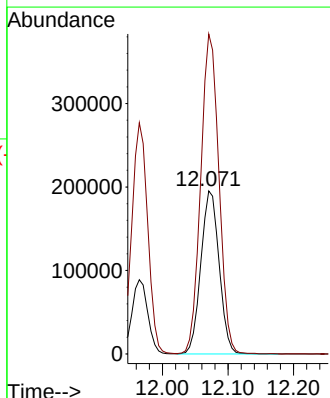
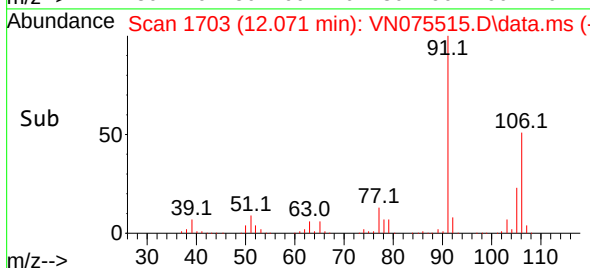
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

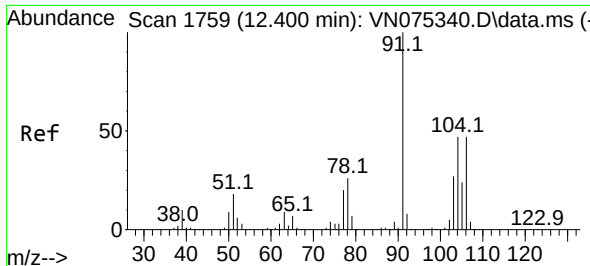


#68
m/p-Xylenes
Concen: 114.876 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



Tgt Ion:106 Resp: 378871
Ion Ratio Lower Upper
106 100
91 195.3 156.0 234.0





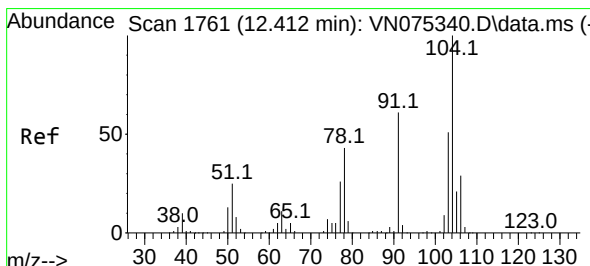
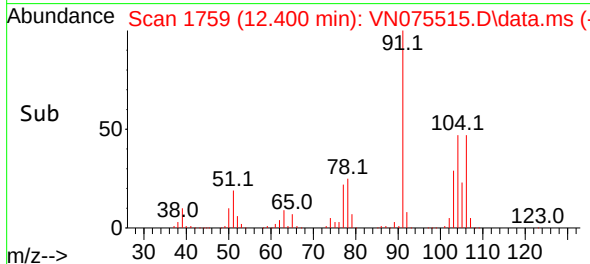
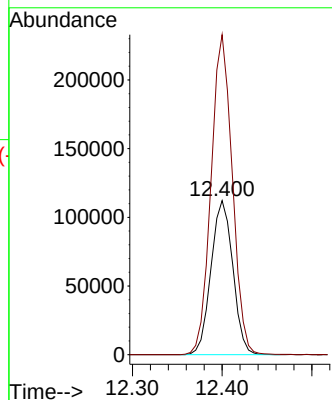
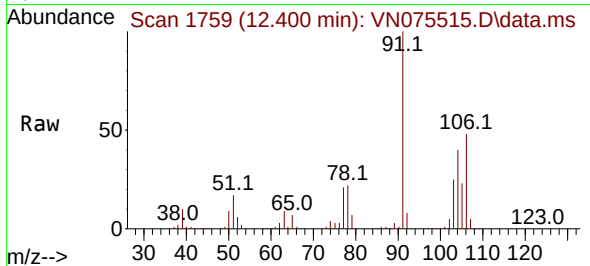
#69
o-Xylene
Concen: 57.711 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 18911
Ion Ratio Lower Upper
106 100
91 202.7 105.2 315.5

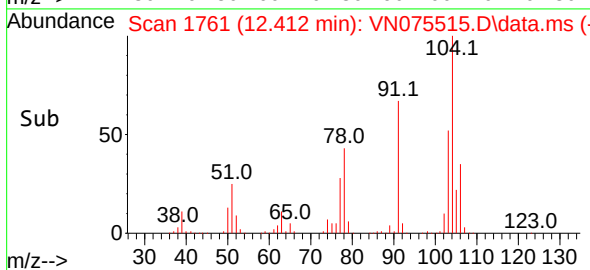
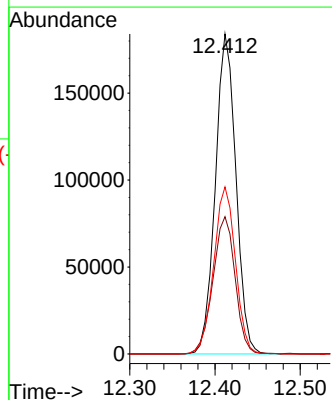
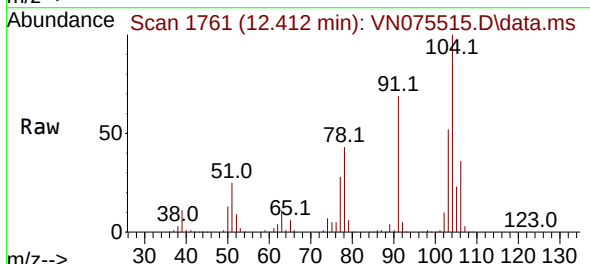
Manual Integrations
APPROVED

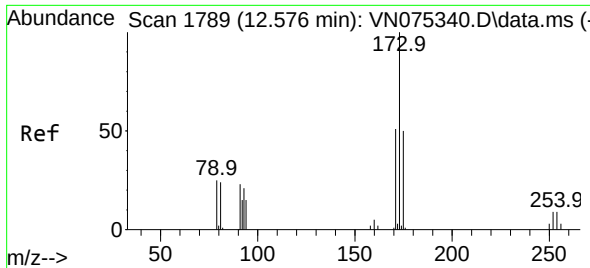
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#70
Styrene
Concen: 59.856 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

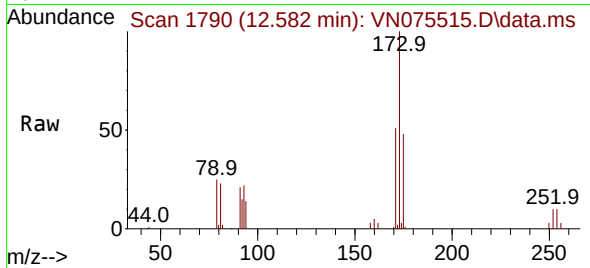
Tgt Ion:104 Resp: 309415
Ion Ratio Lower Upper
104 100
78 46.3 38.1 57.1
103 55.1 44.6 66.8





#71
Bromoform
Concen: 62.873 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

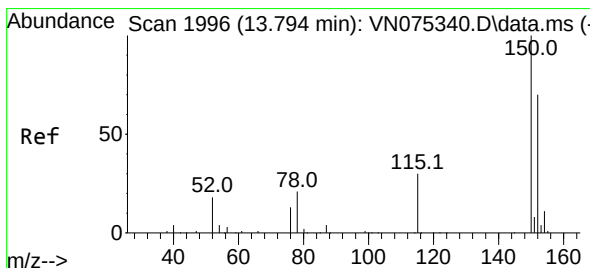
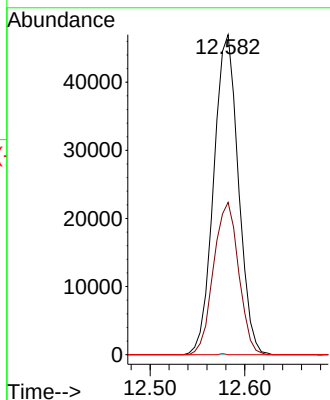
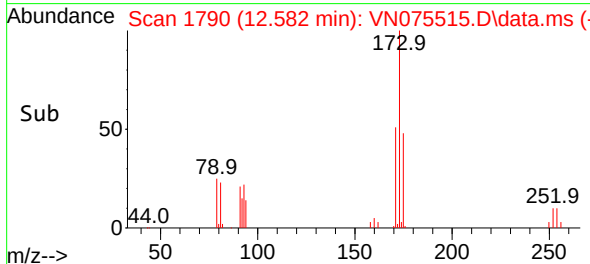
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



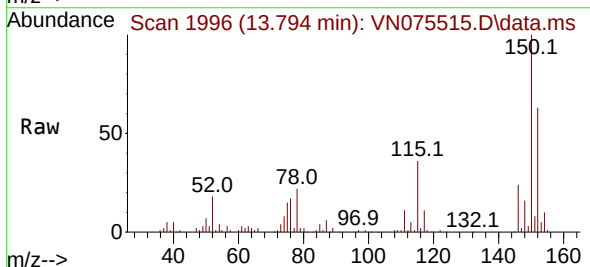
Tgt Ion:173 Resp: 85019
Ion Ratio Lower Upper
173 100
175 48.3 24.6 74.0
254 0.1 0.0 0.0

Manual Integrations
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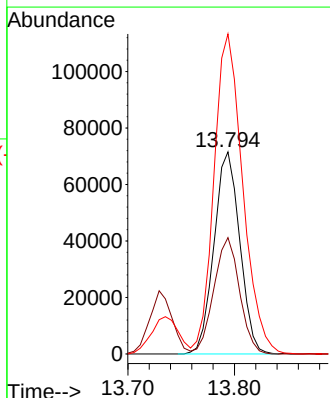
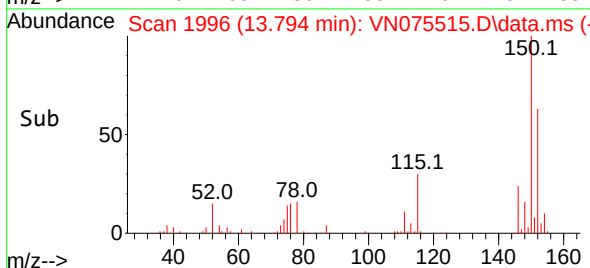
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

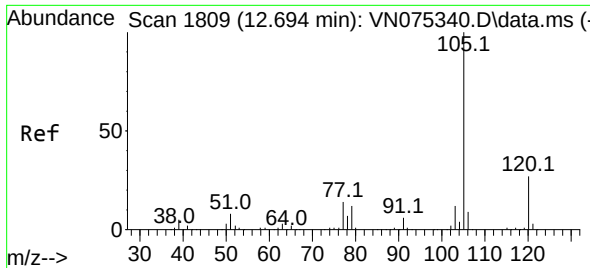


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



Tgt Ion:152 Resp: 119971
Ion Ratio Lower Upper
152 100
115 57.4 30.2 90.6
150 176.9 0.0 348.4





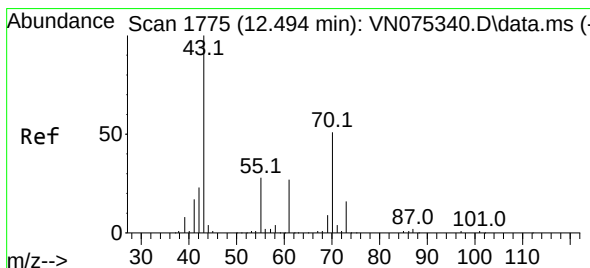
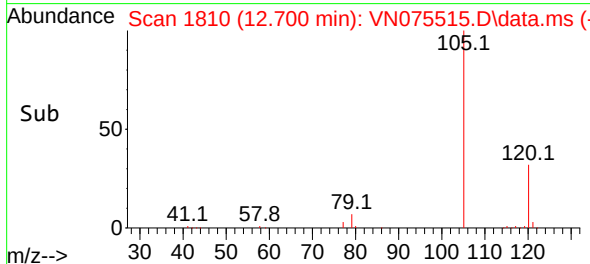
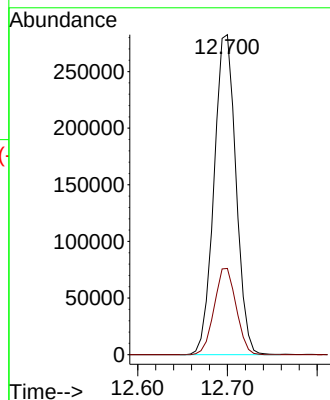
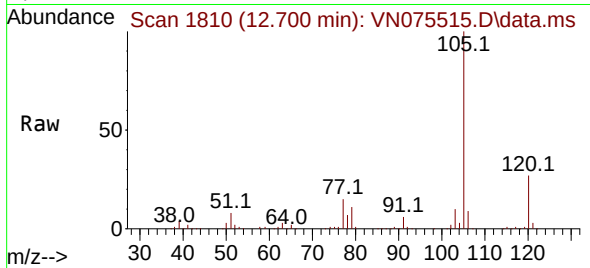
#73
Isopropylbenzene
Concen: 54.740 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 47980
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

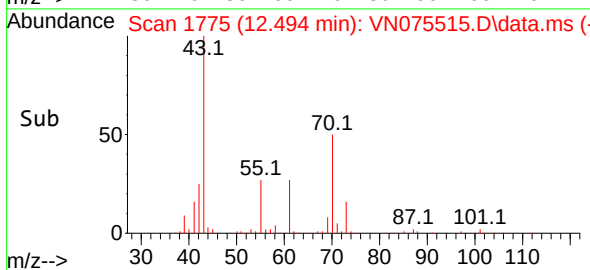
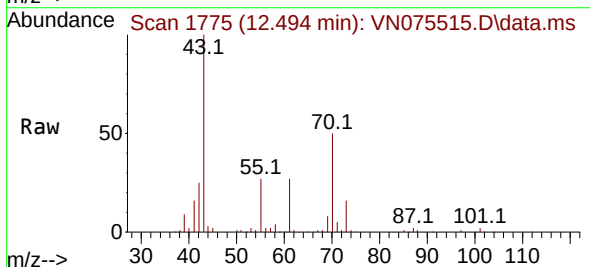
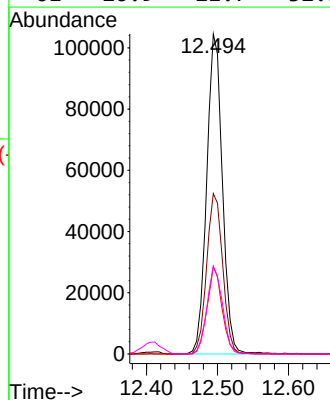
Manual Integrations
APPROVED

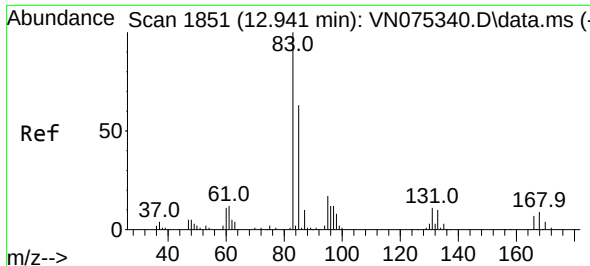
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#74
N-ethyl acetate
Concen: 59.745 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

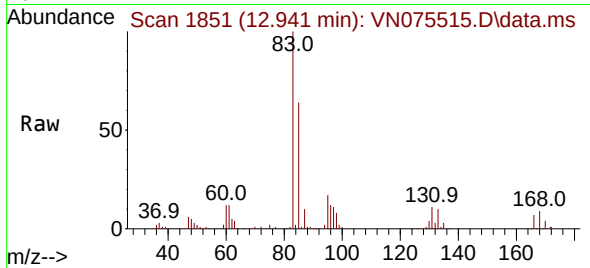
Tgt Ion: 43 Resp: 160994
Ion Ratio Lower Upper
43 100
70 51.3 39.8 59.8
55 26.1 19.9 29.9
61 26.9 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 55.522 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

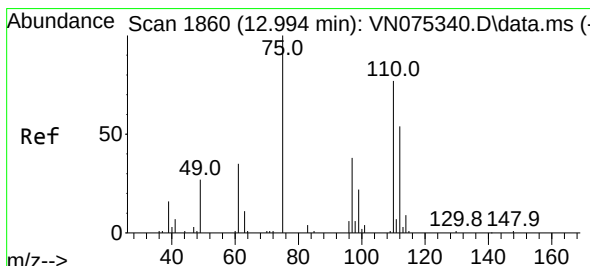
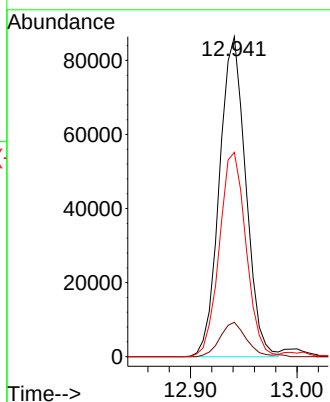
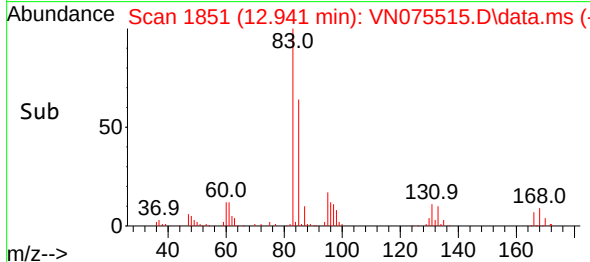
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



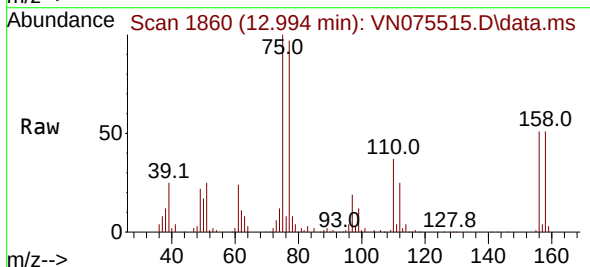
Tgt Ion: 83 Resp: 148369
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 64.6 31.6 94.7

Manual Integrations
APPROVED

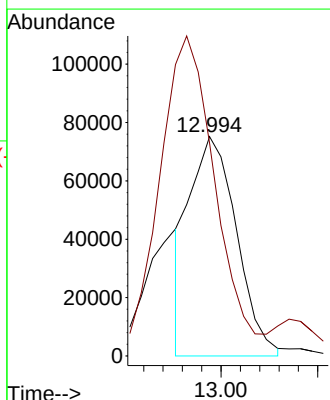
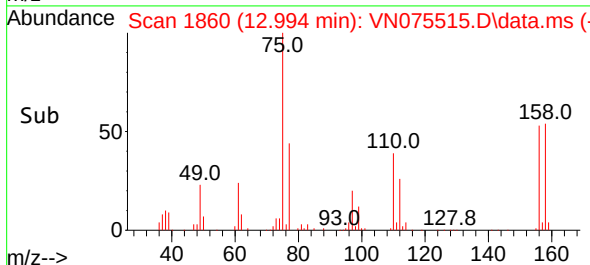
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

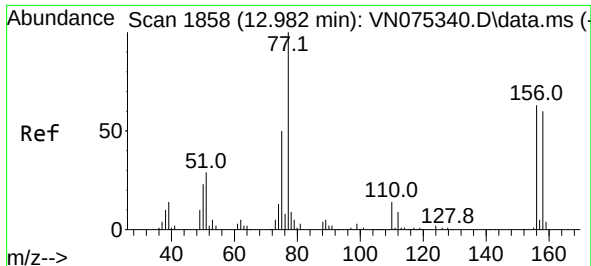


#76
1,2,3-Trichloropropane
Concen: 56.081 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



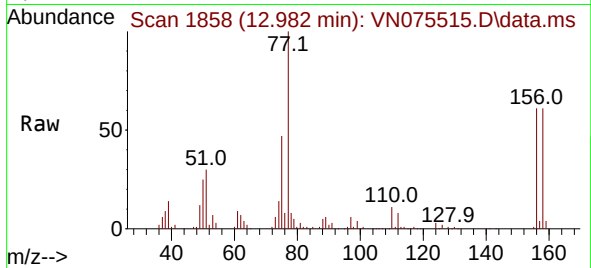
Tgt Ion: 75 Resp: 127210
Ion Ratio Lower Upper
75 100
77 174.0 75.6 226.8





#77
Bromobenzene
Concen: 55.423 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

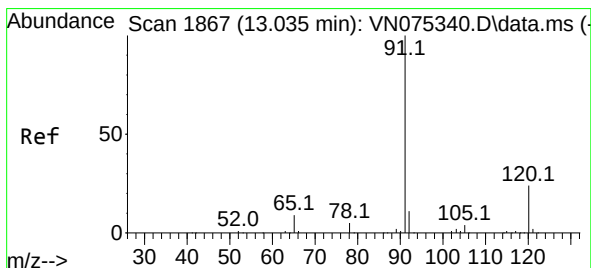
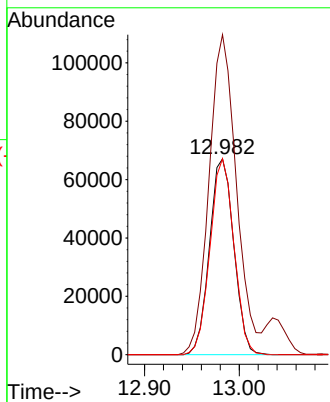
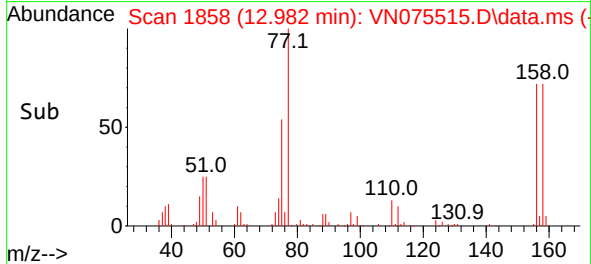
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



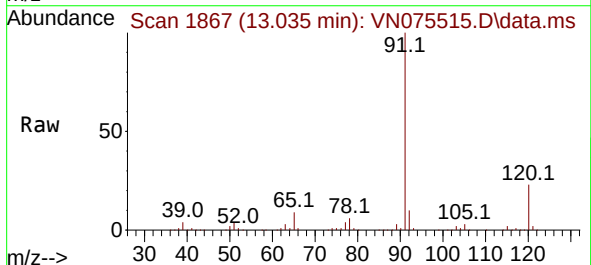
Tgt Ion:156 Resp: 119929
Ion Ratio Lower Upper
156 100
77 184.5 108.5 325.5
158 98.4 47.7 143.1

Manual Integrations
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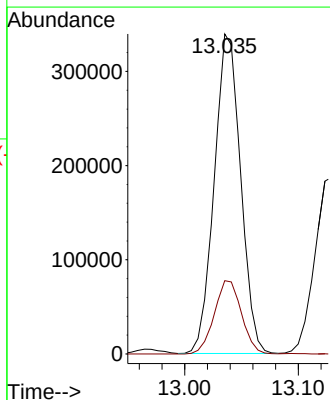
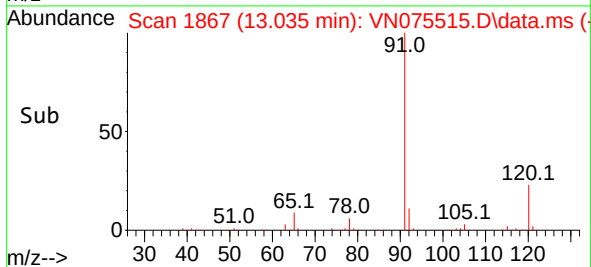
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

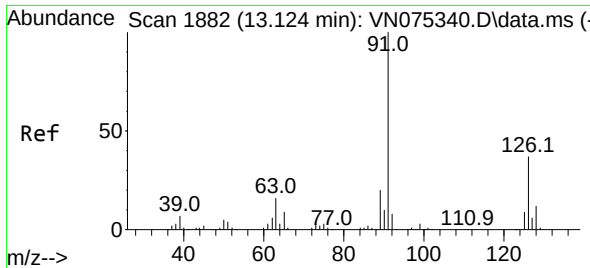


#78
n-propylbenzene
Concen: 55.968 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



Tgt Ion: 91 Resp: 547472
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





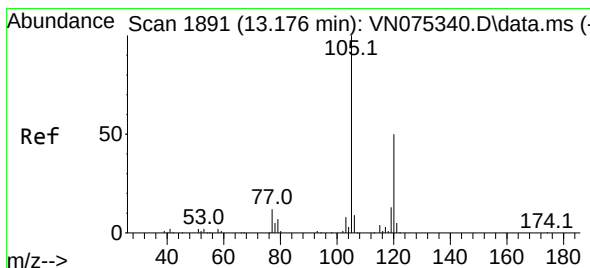
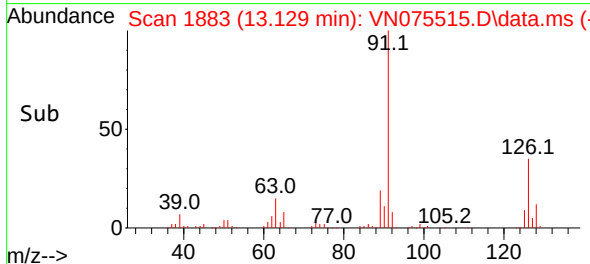
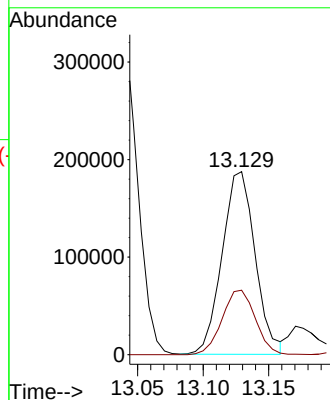
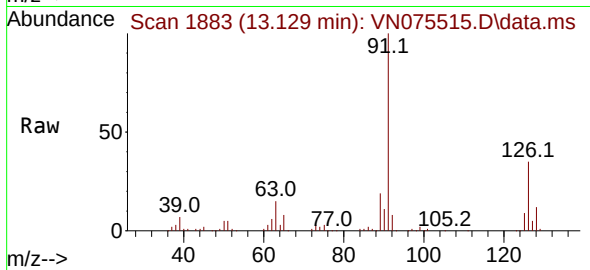
#79
2-Chlorotoluene
Concen: 55.711 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 328350
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7

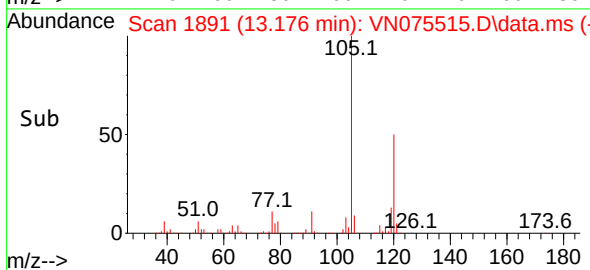
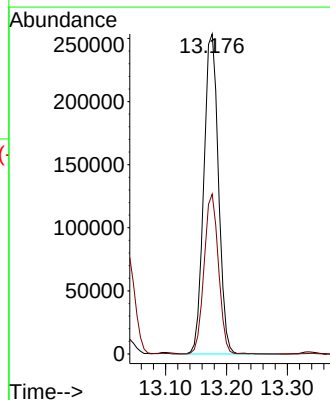
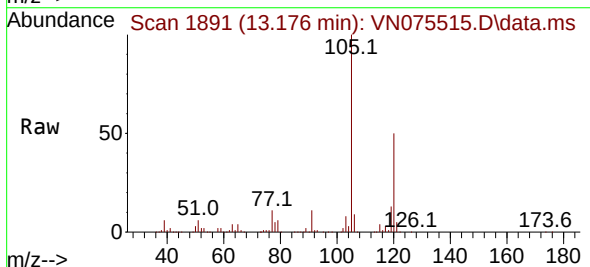
Manual Integrations
APPROVED

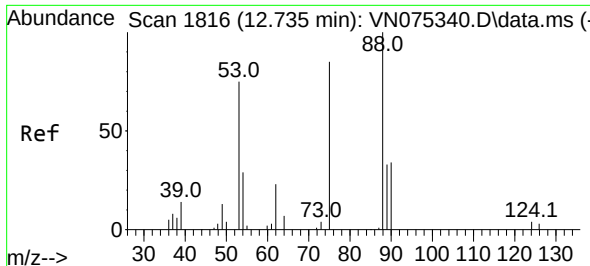
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 58.025 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

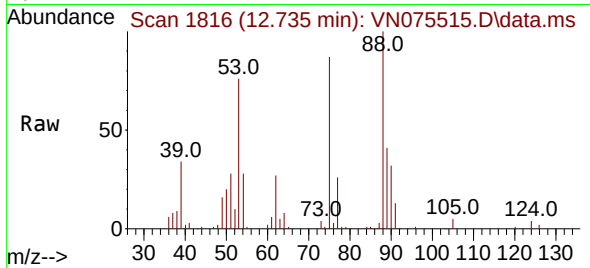
Tgt Ion:105 Resp: 422540
Ion Ratio Lower Upper
105 100
120 49.2 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 61.712 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

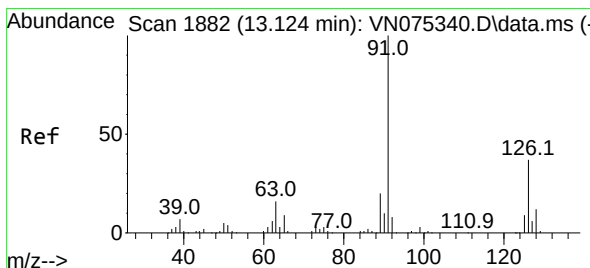
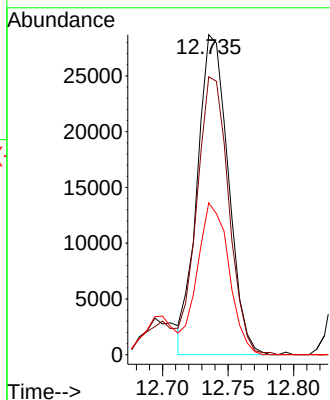
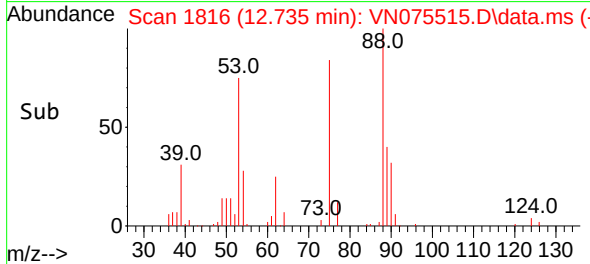
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4731
Ion Ratio Lower Upper
75 100
53 99.3 78.5 117.7
89 48.4 37.7 56.5

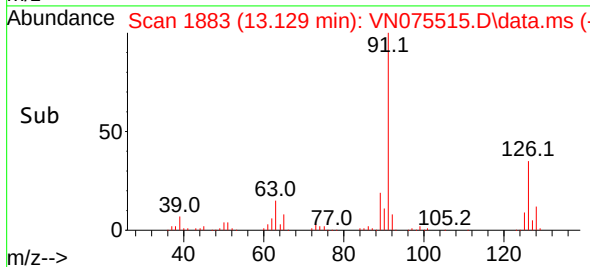
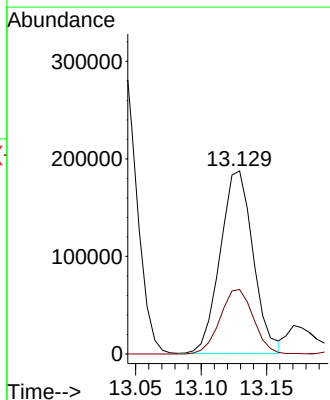
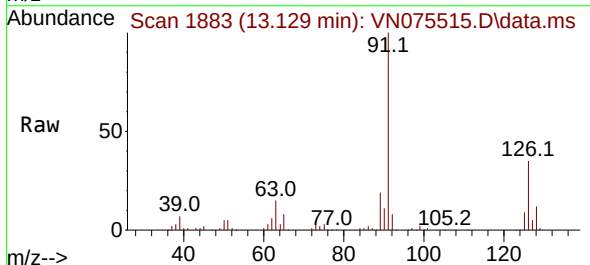
Manual Integrations
APPROVED

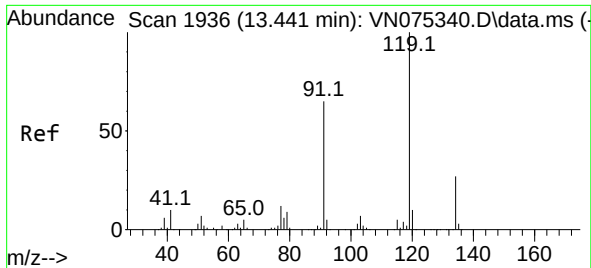
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#82
4-Chlorotoluene
Concen: 55.711 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Tgt Ion: 91 Resp: 328350
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7





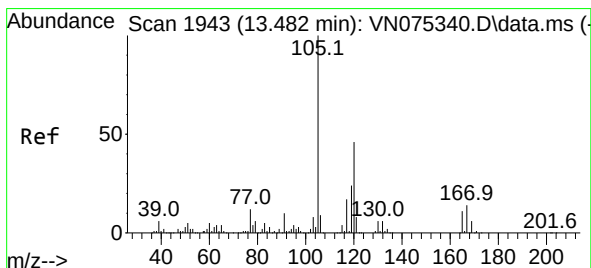
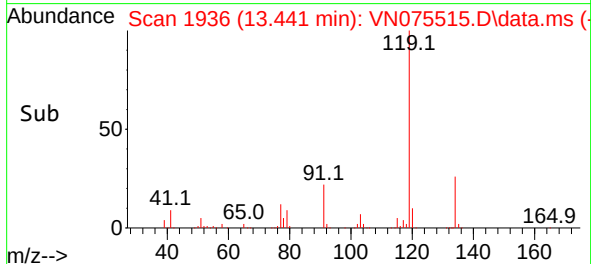
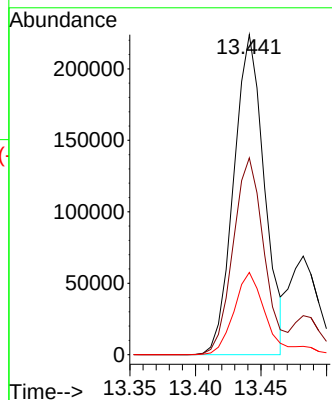
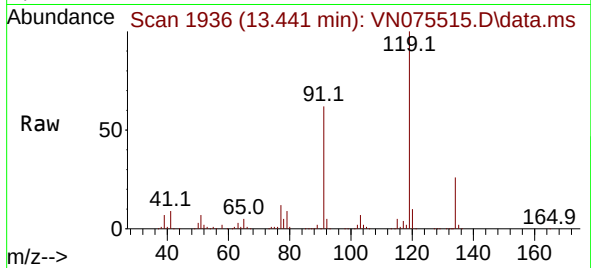
#83
tert-Butylbenzene
Concen: 54.907 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 364560
Ion Ratio Lower Upper
119 100
91 62.9 32.8 98.4
134 27.6 12.3 36.9

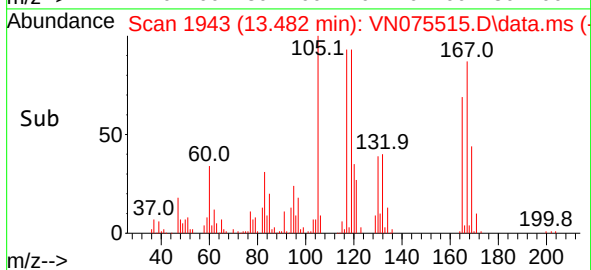
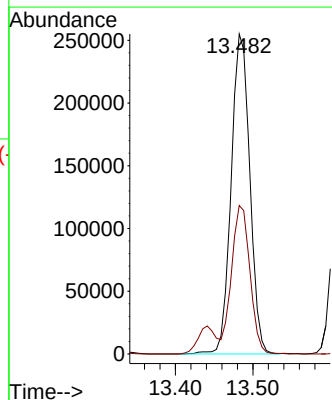
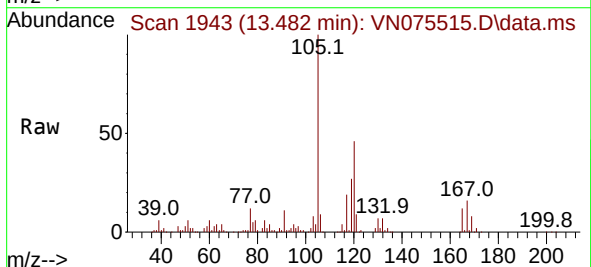
Manual Integrations
APPROVED

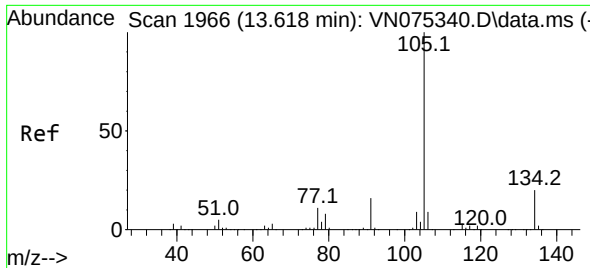
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#84
1,2,4-Trimethylbenzene
Concen: 58.436 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Tgt Ion:105 Resp: 426841
Ion Ratio Lower Upper
105 100
120 45.7 22.7 68.1





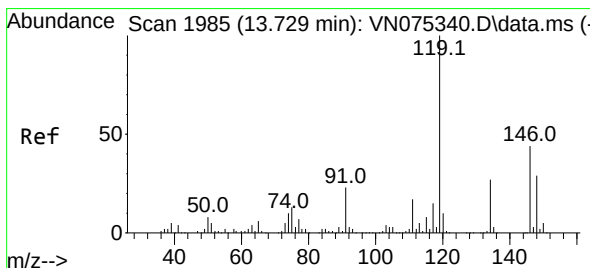
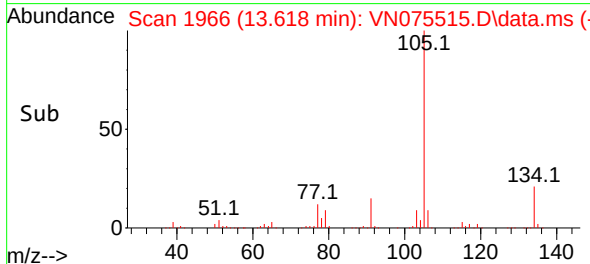
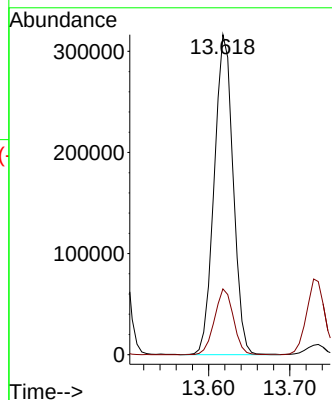
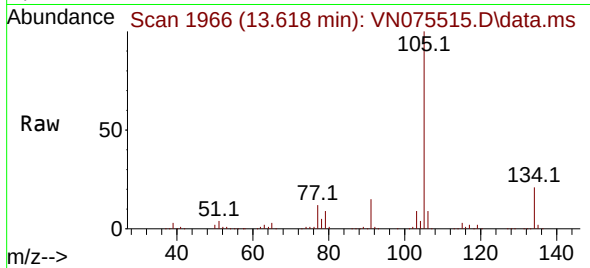
#85
 sec-Butylbenzene
 Concen: 56.925 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075515.D
 Acq: 01 Dec 2022 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 512828
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

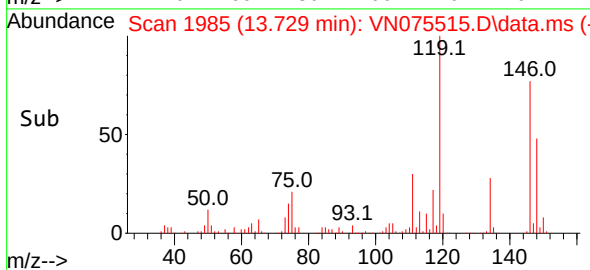
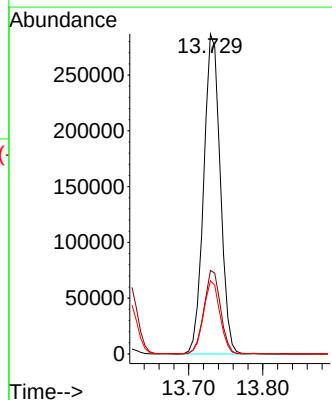
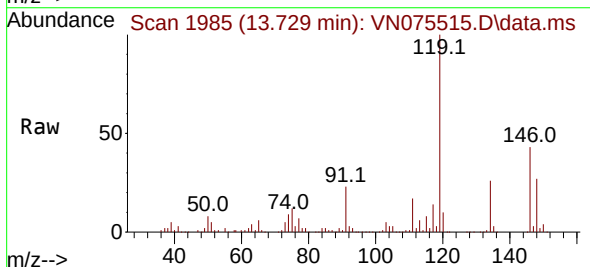
Manual Integrations
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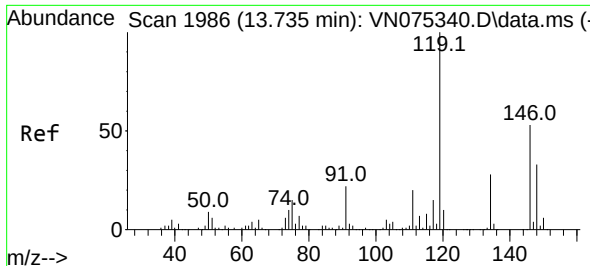
Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022



#86
 p-Isopropyltoluene
 Concen: 58.727 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075515.D
 Acq: 01 Dec 2022 15:02

Tgt Ion:119 Resp: 445130
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 22.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 56.818 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 232952

Ion Ratio Lower Upper

146 100

111 38.3 20.8 62.5

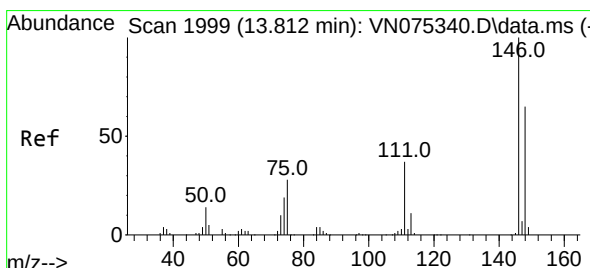
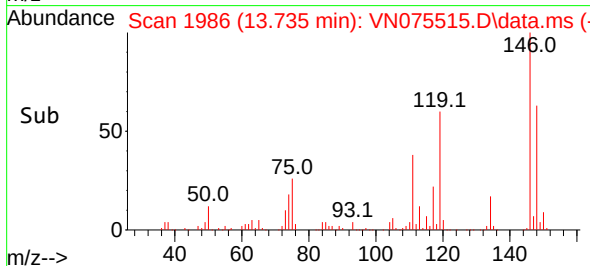
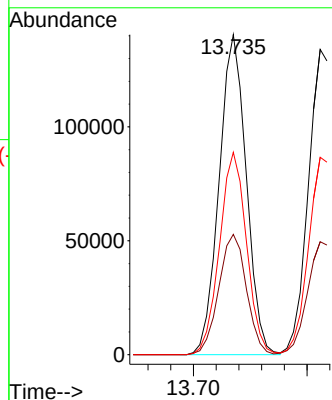
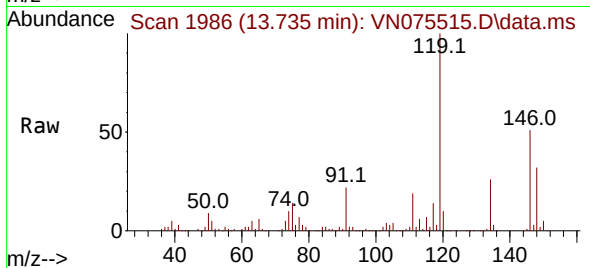
148 63.0 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#88

1,4-Dichlorobenzene

Concen: 55.056 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

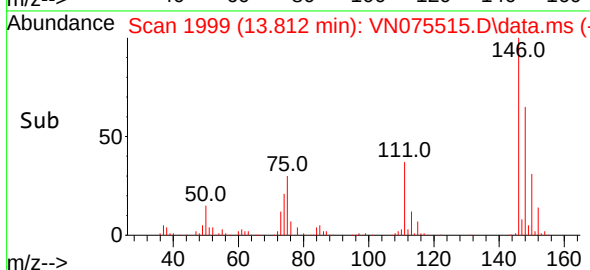
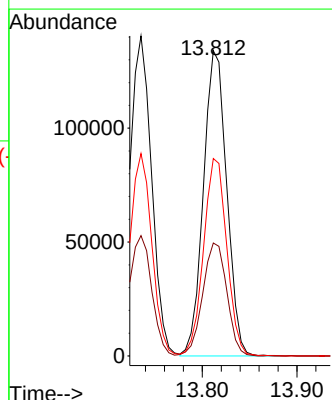
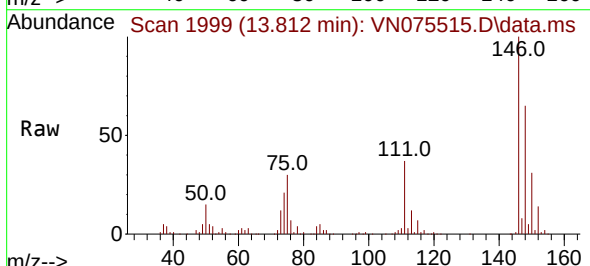
Tgt Ion:146 Resp: 229297

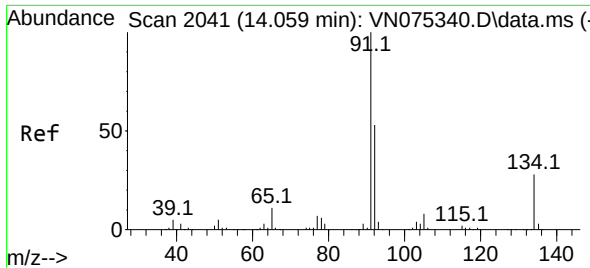
Ion Ratio Lower Upper

146 100

111 38.4 20.1 60.3

148 64.6 31.9 95.7





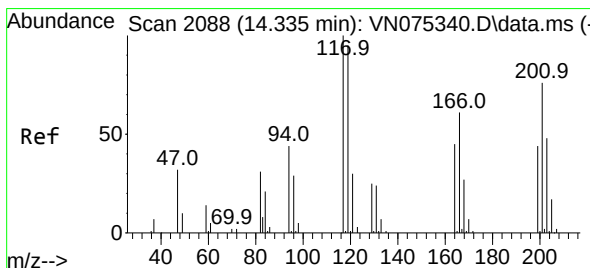
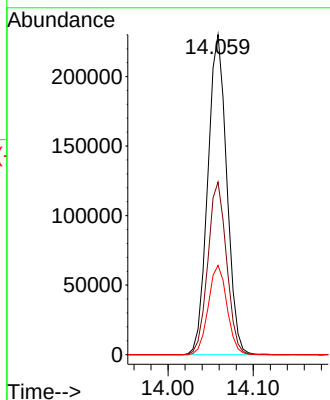
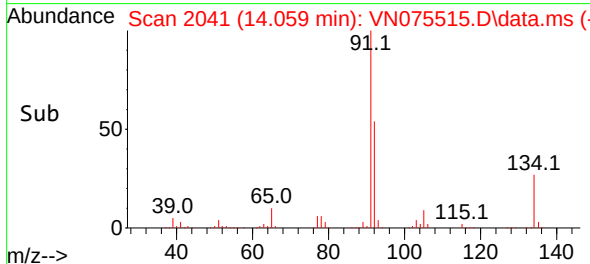
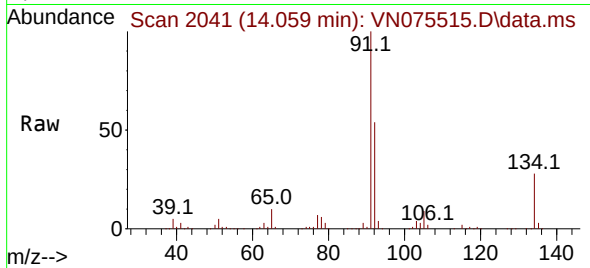
#89
n-Butylbenzene
Concen: 55.751 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 35690
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.4
134 27.5 13.0 39.0

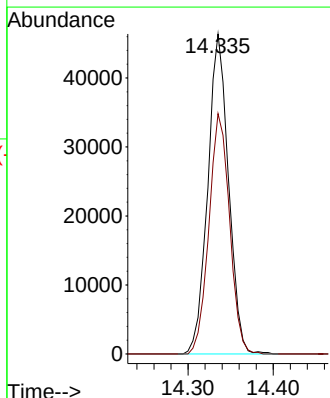
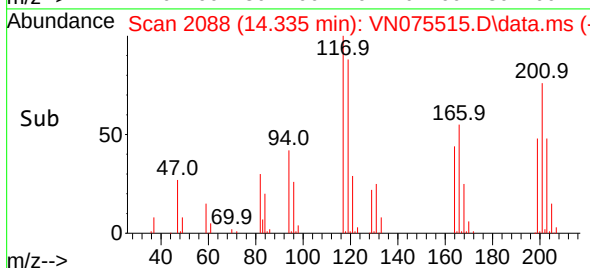
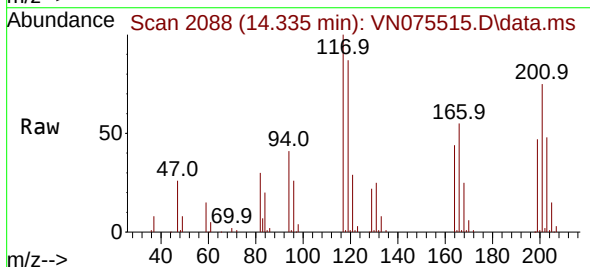
Manual Integrations
APPROVED

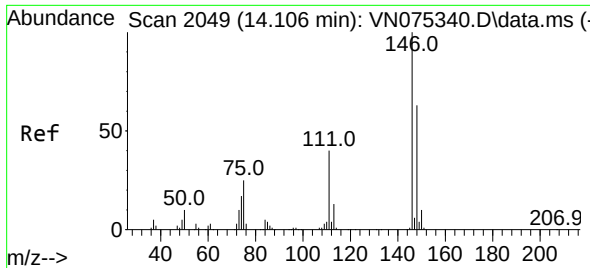
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#90
Hexachloroethane
Concen: 59.985 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

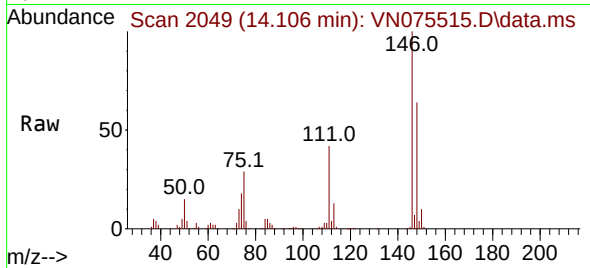
Tgt Ion:117 Resp: 78436
Ion Ratio Lower Upper
117 100
201 74.7 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 56.587 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

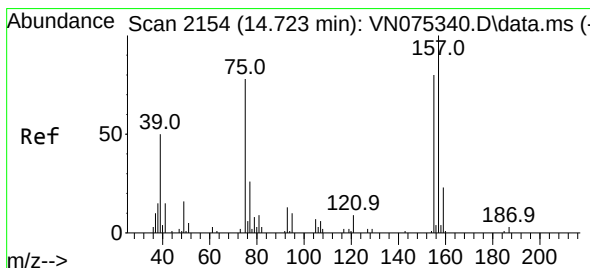
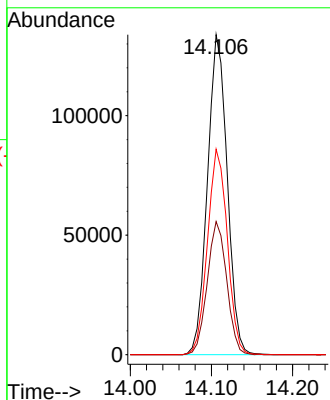
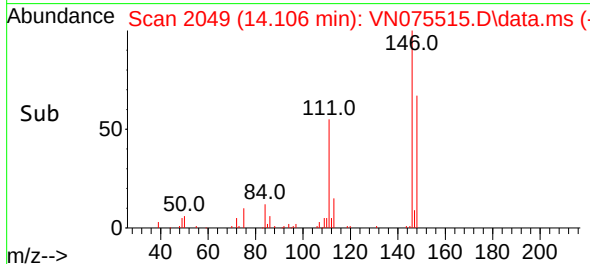
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



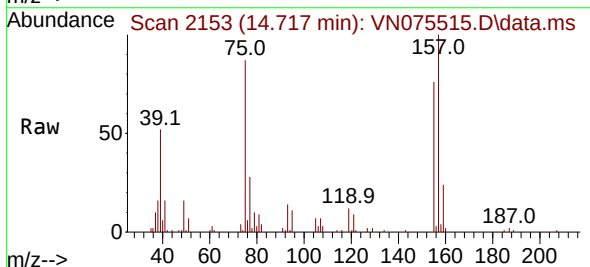
Tgt Ion:146 Resp: 226144
Ion Ratio Lower Upper
146 100
111 41.0 21.3 63.9
148 64.5 31.4 94.2

Manual Integrations
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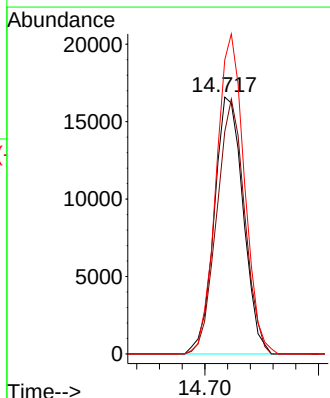
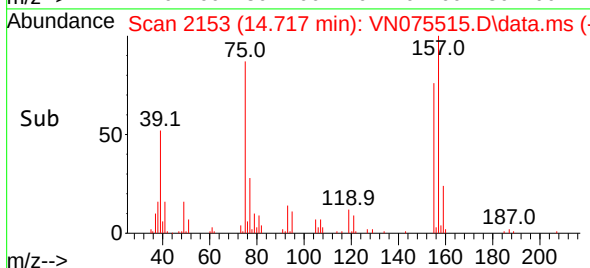
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

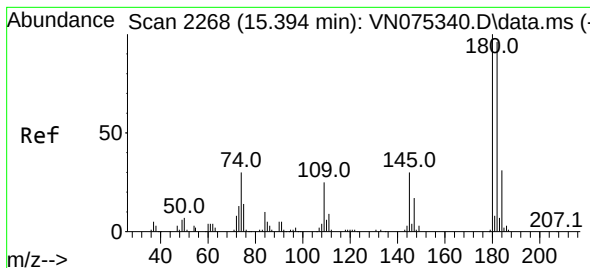


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.975 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



Tgt Ion: 75 Resp: 29347
Ion Ratio Lower Upper
75 100
155 95.5 42.1 126.3
157 120.5 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 59.180 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 12120

Ion Ratio Lower Upper

180 100

182 94.3 47.8 143.4

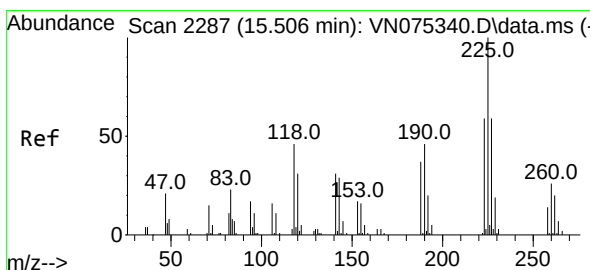
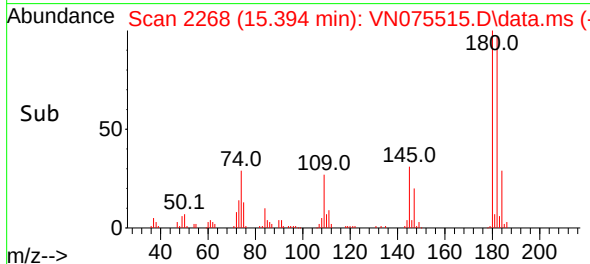
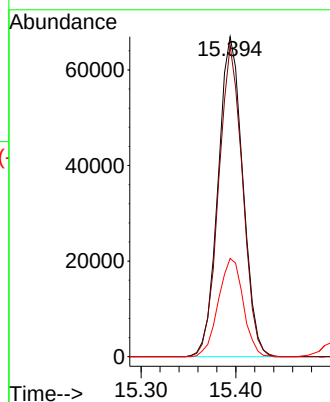
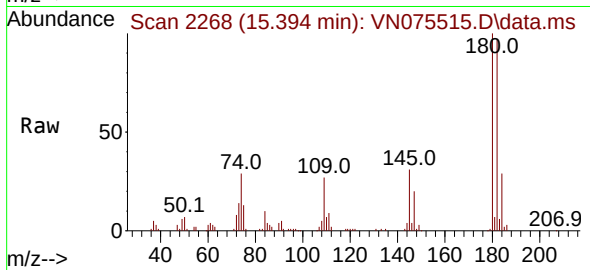
145 30.9 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#94

Hexachlorobutadiene

Concen: 55.422 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075515.D

Acq: 01 Dec 2022 15:02

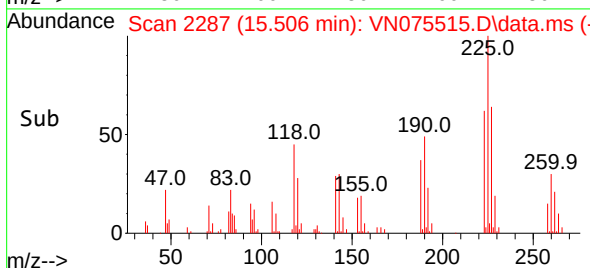
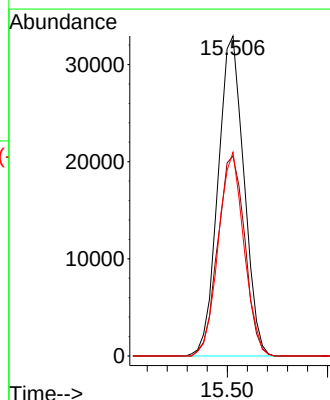
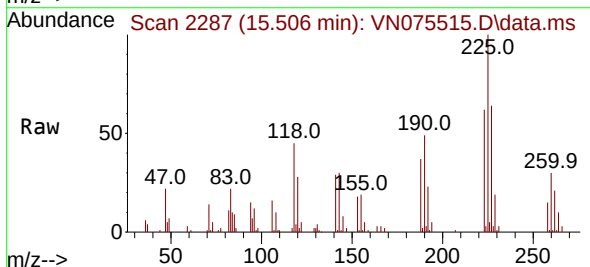
Tgt Ion:225 Resp: 59123

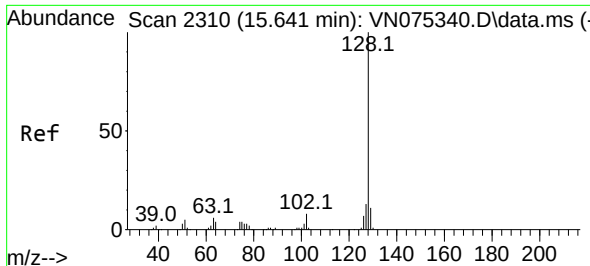
Ion Ratio Lower Upper

225 100

223 65.3 32.3 96.9

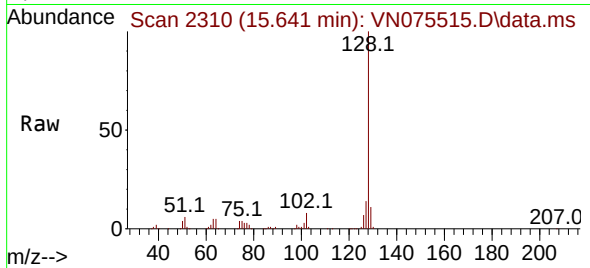
227 62.9 32.0 96.2





#95
Naphthalene
Concen: 58.941 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02

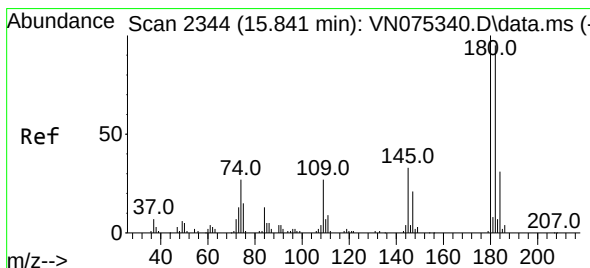
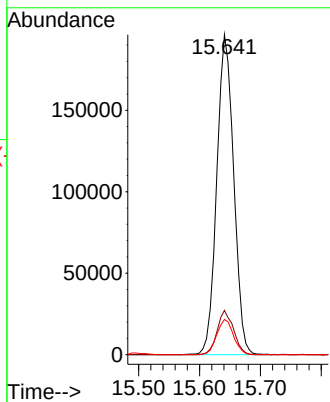
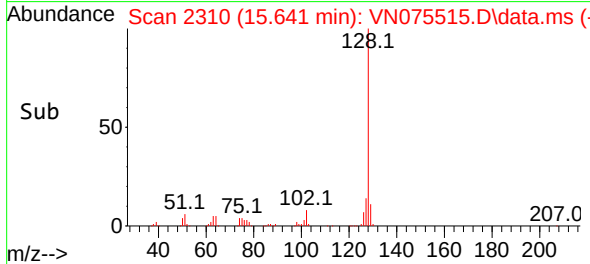
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



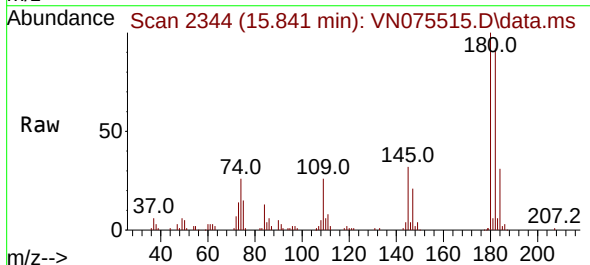
Tgt Ion:128 Resp: 37975
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carbone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 58.477 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075515.D
Acq: 01 Dec 2022 15:02



Tgt Ion:180 Resp: 117707
Ion Ratio Lower Upper
180 100
182 93.6 47.3 141.8
145 32.9 17.6 52.9

