

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078251.D
 Acq On : 16 Jun 2023 11:18
 Operator : JC\MD
 Sample : VN0616WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 17 02:19:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	401163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	735910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	618551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	234017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	259940	48.598	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.200%
35) Dibromofluoromethane	8.177	113	217325	46.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.420%
50) Toluene-d8	10.570	98	817482	45.573	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.140%
62) 4-Bromofluorobenzene	12.853	95	245628	44.047	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	72000	15.877	ug/l	98
3) Chloromethane	2.377	50	78505	17.205	ug/l	93
4) Vinyl Chloride	2.524	62	100140	16.864	ug/l	100
5) Bromomethane	2.965	94	76875	17.131	ug/l	91
6) Chloroethane	3.136	64	70964	17.531	ug/l	98
7) Trichlorofluoromethane	3.512	101	135344	16.808	ug/l	97
8) Diethyl Ether	3.977	74	47225	16.691	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	74768	17.594	ug/l	97
10) Methyl Iodide	4.606	142	96390	16.039	ug/l	93
11) Tert butyl alcohol	5.530	59	60374	81.747	ug/l	100
12) 1,1-Dichloroethene	4.353	96	72781	16.614	ug/l	85
13) Acrolein	4.194	56	56905	69.910	ug/l	99
14) Allyl chloride	5.036	41	94157	17.608	ug/l	94
15) Acrylonitrile	5.730	53	177624	93.285	ug/l	98
16) Acetone	4.436	43	143307	93.083	ug/l	92
17) Carbon Disulfide	4.724	76	171707	15.228	ug/l	99
18) Methyl Acetate	5.036	43	126718	17.878	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	248593	17.786	ug/l	94
20) Methylene Chloride	5.283	84	84588	16.626	ug/l	87
21) trans-1,2-Dichloroethene	5.794	96	78402	16.594	ug/l #	77
22) Diisopropyl ether	6.688	45	235754	18.742	ug/l	93
23) Vinyl Acetate	6.612	43	688761	92.114	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	152334	18.358	ug/l	96
25) 2-Butanone	7.494	43	219949	92.903	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	130066	21.229	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	96695	17.157	ug/l	92
28) Bromochloromethane	7.824	49	77575	20.362	ug/l	87
29) Tetrahydrofuran	7.847	42	137917	87.140	ug/l	86
30) Chloroform	7.971	83	166515	18.636	ug/l	94
31) Cyclohexane	8.265	56	114469	16.683	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	142522	18.168	ug/l	94
36) 1,1-Dichloropropene	8.376	75	115809	17.352	ug/l	95
37) Ethyl Acetate	7.571	43	93526	17.938	ug/l #	93
38) Carbon Tetrachloride	8.371	117	121885	17.295	ug/l	99
39) Methylcyclohexane	9.612	83	102252	14.783	ug/l	92
40) Benzene	8.612	78	355590	17.846	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	47452	16.791	ug/l	95
42) 1,2-Dichloroethane	8.676	62	125203	18.326	ug/l	98
43) Isopropyl Acetate	8.700	43	162523	16.299	ug/l	95
44) Trichloroethene	9.359	130	90279	17.156	ug/l	98
45) 1,2-Dichloropropane	9.623	63	93857	18.932	ug/l	95
46) Dibromomethane	9.718	93	62641	17.155	ug/l	95
47) Bromodichloromethane	9.894	83	130896	19.298	ug/l	93
48) Methyl methacrylate	9.682	41	74292	17.754	ug/l	90
49) 1,4-Dioxane	9.700	88	28412	323.046	ug/l #	93
51) 4-Methyl-2-Pentanone	10.453	43	483160	92.016	ug/l	92
52) Toluene	10.641	92	220648	17.539	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	129229	18.294	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	142627	18.265	ug/l	93
55) 1,1,2-Trichloroethane	11.023	97	92456	19.427	ug/l	99
56) Ethyl methacrylate	10.876	69	123348	17.800	ug/l	91
57) 1,3-Dichloropropane	11.170	76	150971	18.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	223830	79.959	ug/l	93
59) 2-Hexanone	11.200	43	327582	89.598	ug/l	89
60) Dibromochloromethane	11.365	129	94883	18.220	ug/l	98
61) 1,2-Dibromoethane	11.476	107	86154	17.251	ug/l	97
64) Tetrachloroethene	11.112	164	76767	18.603	ug/l	96
65) Chlorobenzene	11.900	112	232909	17.583	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	88478	18.160	ug/l	97
67) Ethyl Benzene	11.970	91	410060	17.940	ug/l	100
68) m/p-Xylenes	12.076	106	303066	34.792	ug/l	96
69) o-Xylene	12.400	106	152276	17.801	ug/l	99
70) Styrene	12.417	104	240011	17.822	ug/l	99
71) Bromoform	12.582	173	55254	17.573	ug/l #	97
73) Isopropylbenzene	12.700	105	372917	16.852	ug/l	99
74) N-amyl acetate	12.500	43	119765	16.435	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	123628	18.784	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	143510	25.941	ug/l	70
77) Bromobenzene	12.988	156	86844	16.905	ug/l	98
78) n-propylbenzene	13.041	91	404477	16.823	ug/l	99
79) 2-Chlorotoluene	13.129	91	265884	17.132	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	304208	16.979	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	31639	17.571	ug/l	88
82) 4-Chlorotoluene	13.223	91	242159	16.718	ug/l	99
83) tert-Butylbenzene	13.441	119	251771	16.166	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	296236	17.054	ug/l	100
85) sec-Butylbenzene	13.623	105	318685	15.634	ug/l	99
86) p-Isopropyltoluene	13.735	119	256916	15.531	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	144905	16.676	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	138616	16.532	ug/l	99
89) n-Butylbenzene	14.064	91	188783	14.469	ug/l	97
90) Hexachloroethane	14.341	117	48810	16.627	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	144289	16.990	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18182	16.588	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	38441	12.704	ug/l	99
94) Hexachlorobutadiene	15.505	225	22813	13.422	ug/l	96
95) Naphthalene	15.647	128	118863	11.678	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	47075	13.911	ug/l	97

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QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

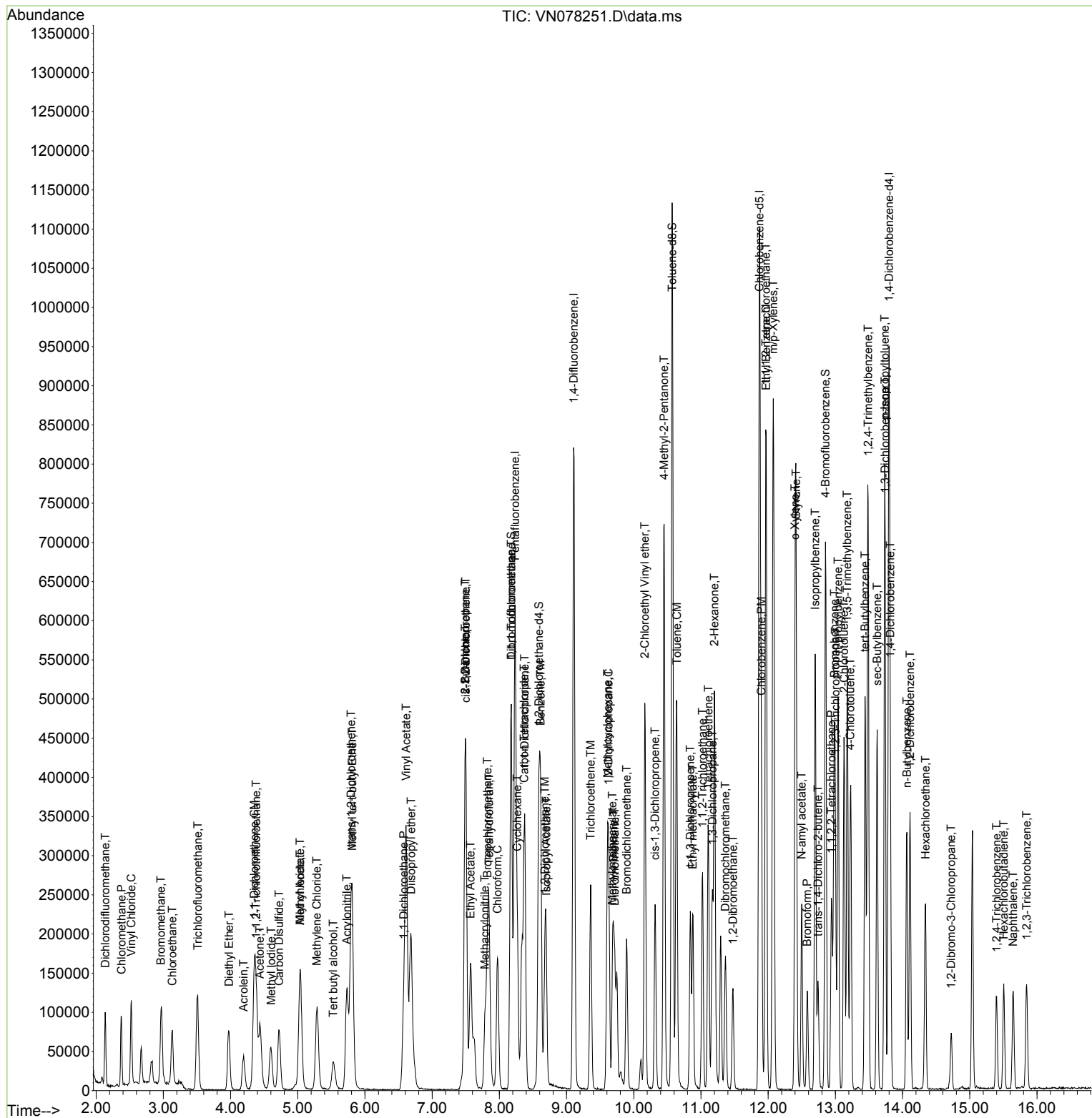
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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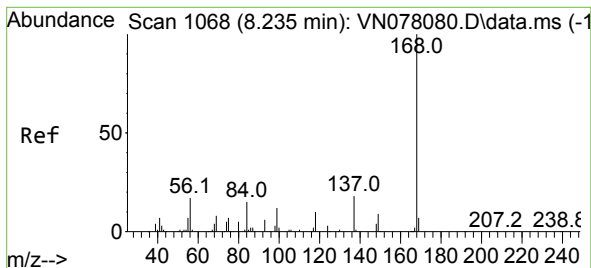
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VN078251.D

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Instrument :

MSVOA_N

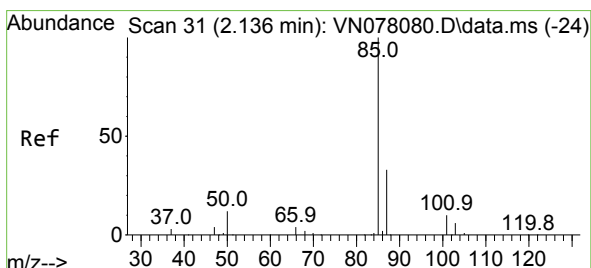
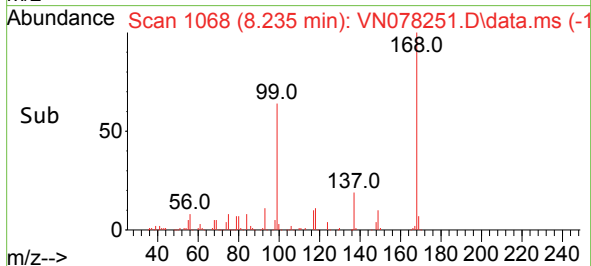
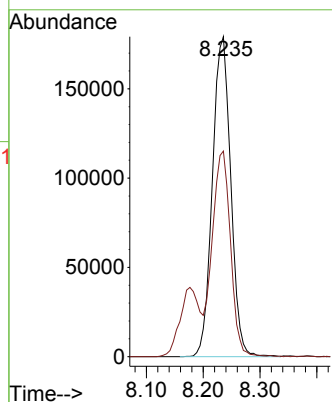
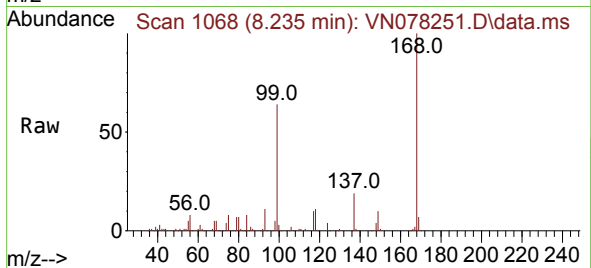
ClientSampleId :

Tgt Ion:168 Resp: 401163

Ion Ratio Lower Upper

168 100

99 64.0 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 15.877 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078251.D

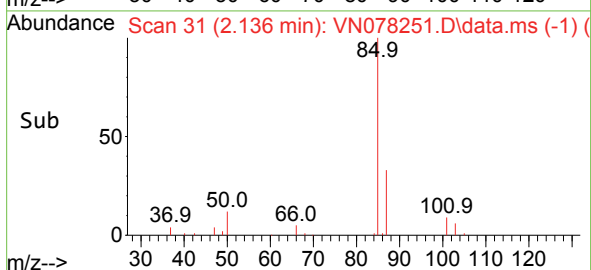
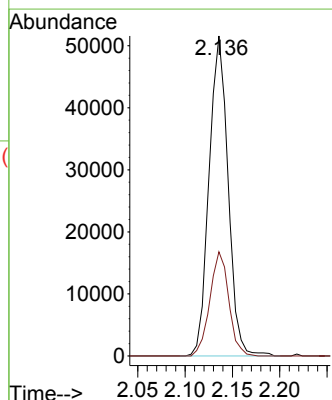
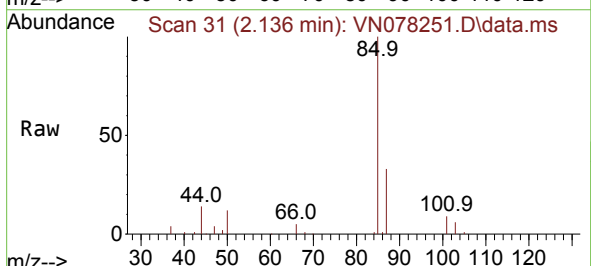
Acq: 16 Jun 2023 11:18

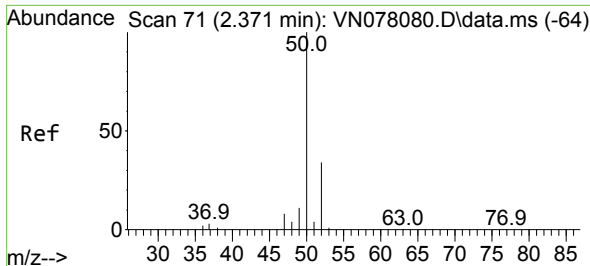
Tgt Ion: 85 Resp: 72000

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4

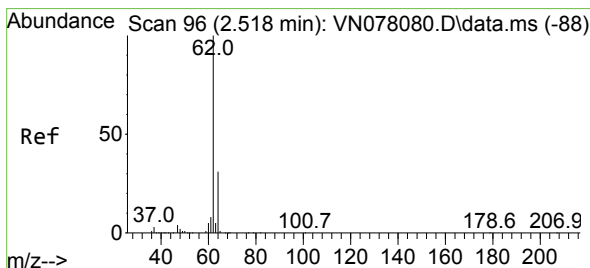
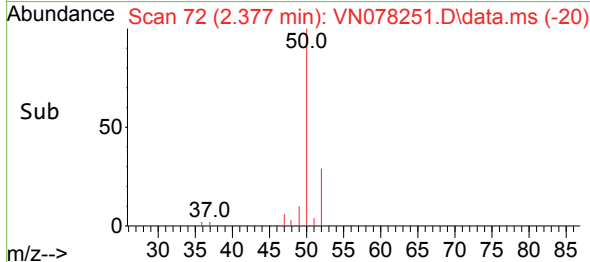
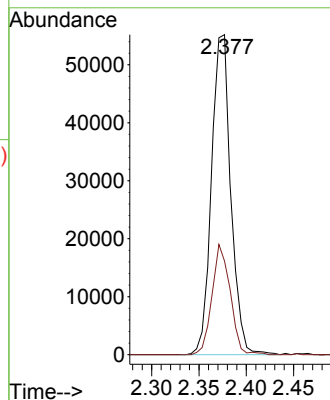
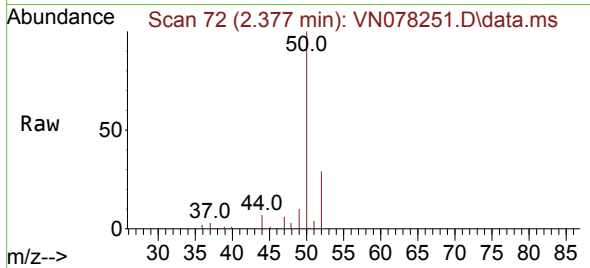




#3
Chloromethane
Concen: 17.205 ug/l
RT: 2.377 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078251.D
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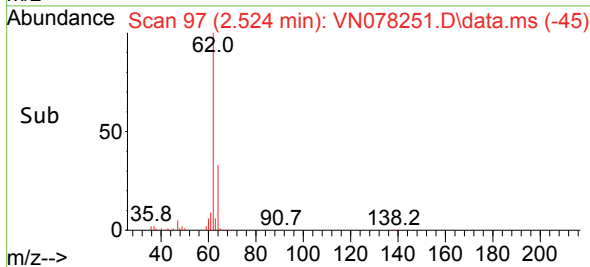
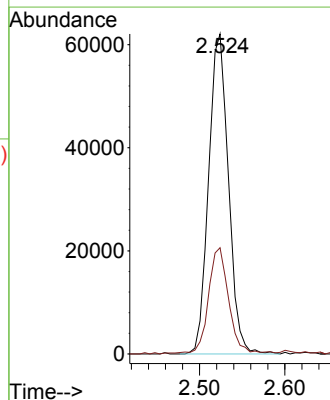
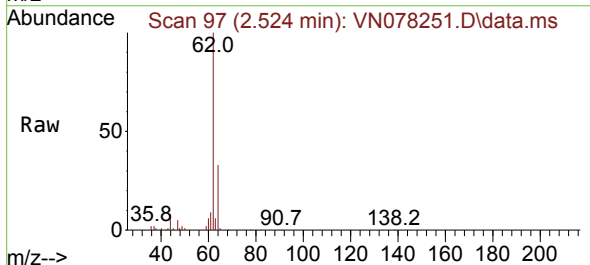
Instrument :
MSVOA_N
ClientSampleId :

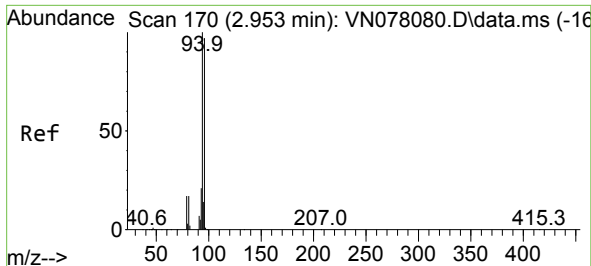
Tgt Ion: 50 Resp: 78505
Ion Ratio Lower Upper
50 100
52 29.3 26.5 39.7



#4
Vinyl Chloride
Concen: 16.864 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 62 Resp: 100140
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2

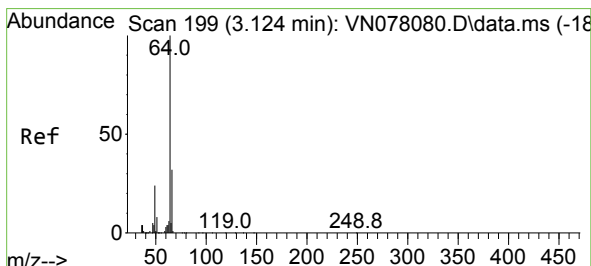
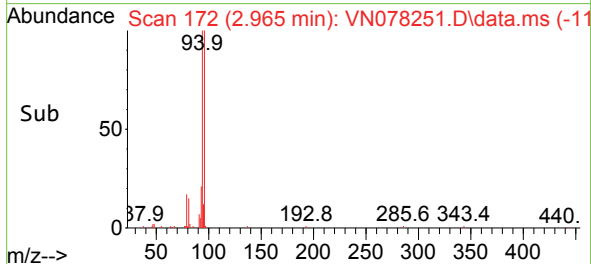
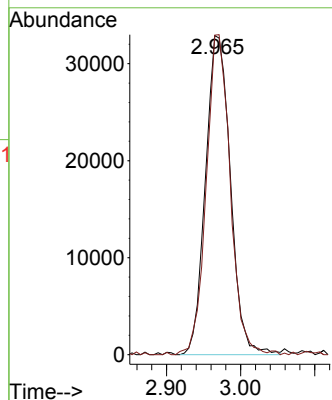
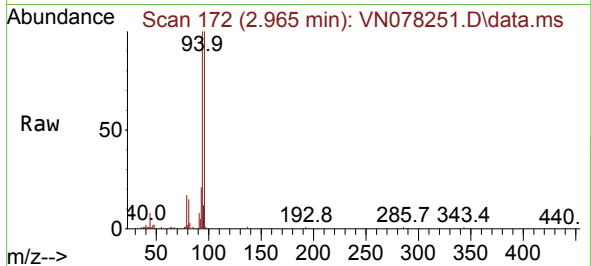




#5
Bromomethane
Concen: 17.131 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

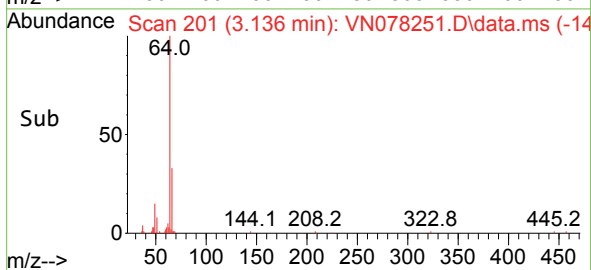
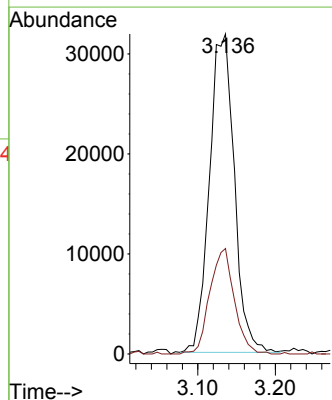
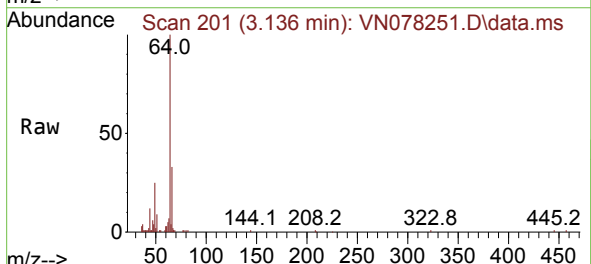
Instrument :
MSVOA_N
ClientSampleId :

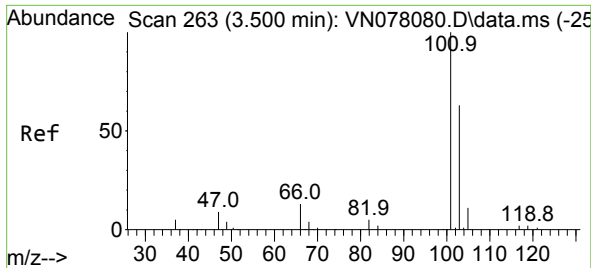
Tgt Ion: 94 Resp: 76875
Ion Ratio Lower Upper
94 100
96 100.1 73.1 109.7



#6
Chloroethane
Concen: 17.531 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

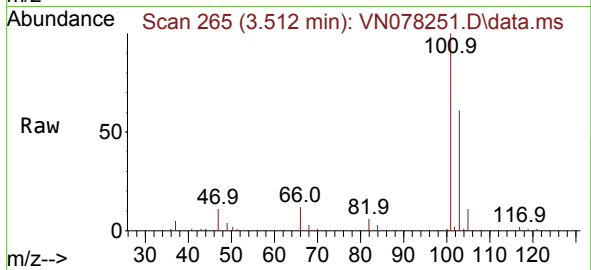
Tgt Ion: 64 Resp: 70964
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.2



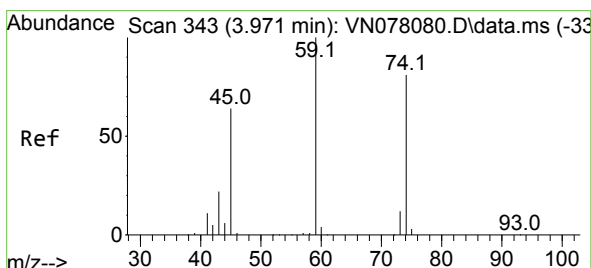
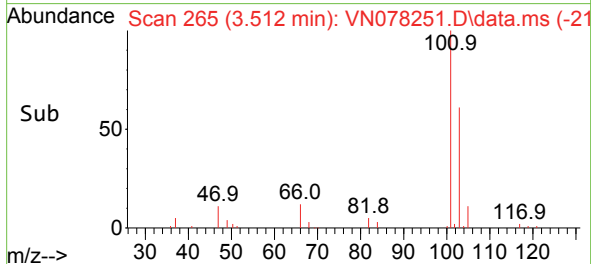
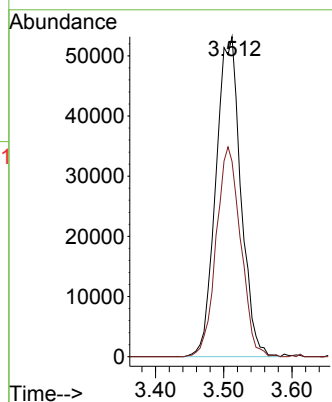


#7
 Trichlorofluoromethane
 Concen: 16.808 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VN078251.D
 Acq: 16 Jun 2023 11:18

Instrument :
 MSVOA_N
 ClientSampleId :

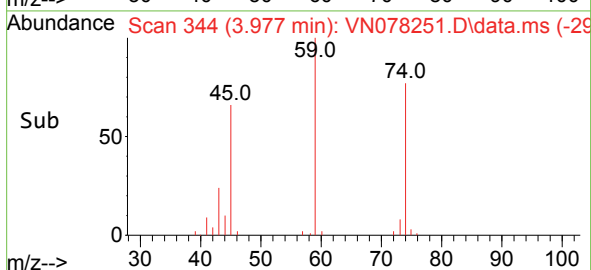
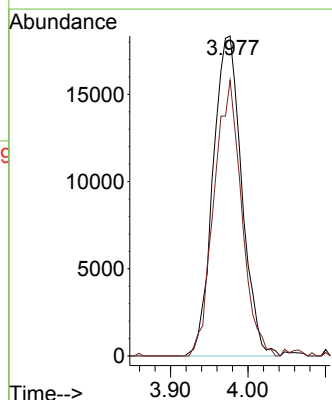
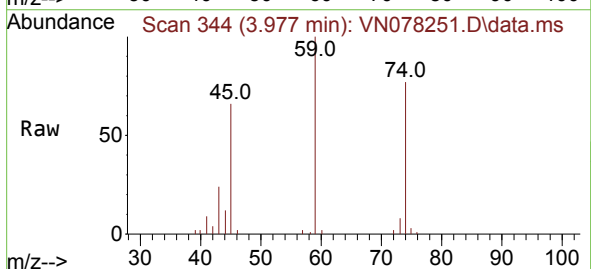


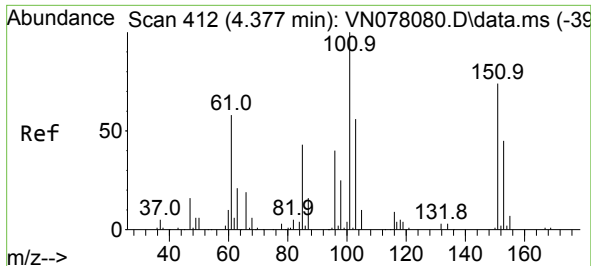
Tgt Ion:101 Resp: 135344
 Ion Ratio Lower Upper
 101 100
 103 61.0 50.7 76.1



#8
 Diethyl Ether
 Concen: 16.691 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.006 min
 Lab File: VN078251.D
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Tgt Ion: 74 Resp: 47225
 Ion Ratio Lower Upper
 74 100
 45 83.0 34.4 103.3

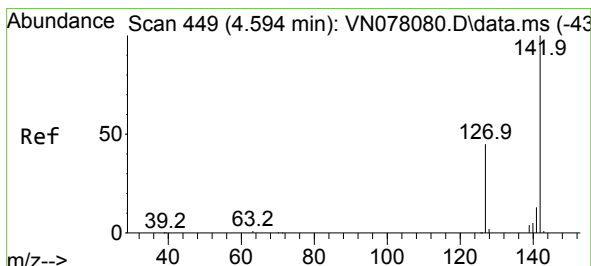
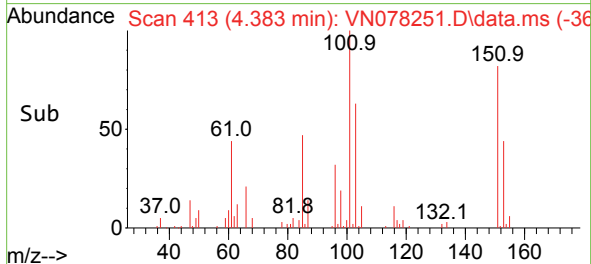
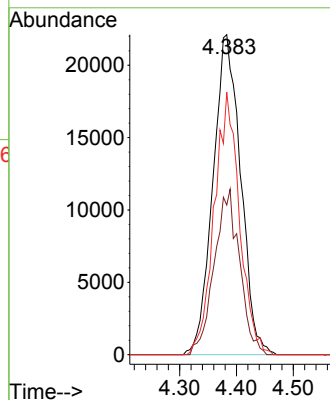
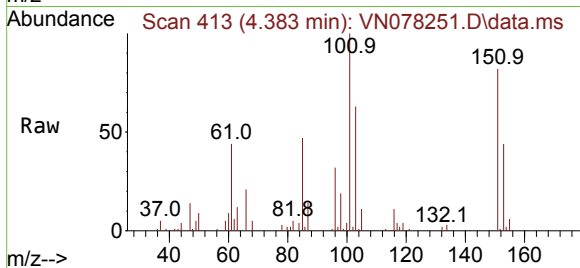




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.594 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

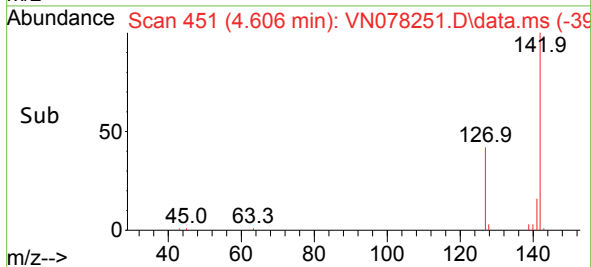
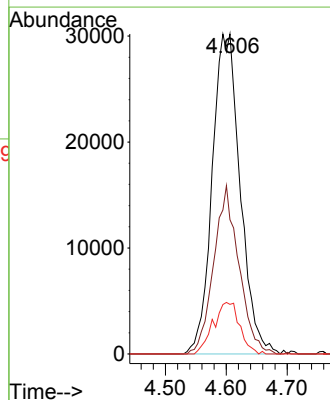
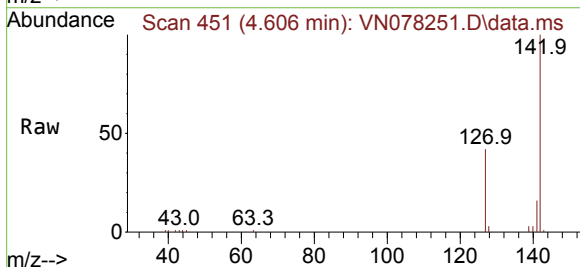
Instrument :
MSVOA_N
ClientSampleId :

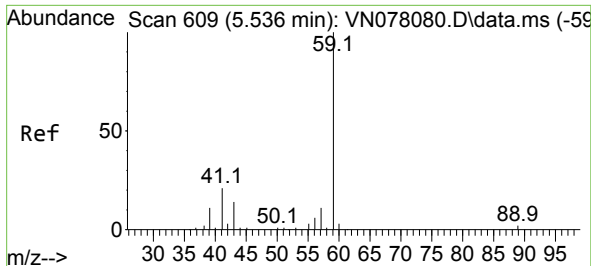
Tgt Ion:101 Resp: 74768
Ion Ratio Lower Upper
101 100
85 47.4 36.6 55.0
151 74.6 57.6 86.4



#10
Methyl Iodide
Concen: 16.039 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion:142 Resp: 96390
Ion Ratio Lower Upper
142 100
127 42.0 37.6 56.4
141 15.5 11.4 17.0

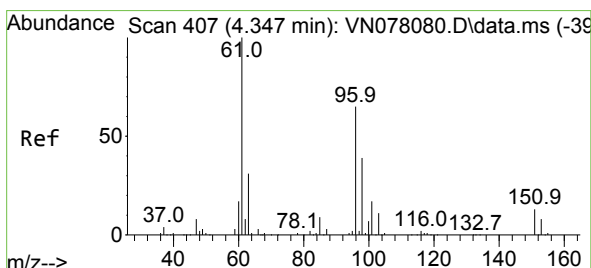
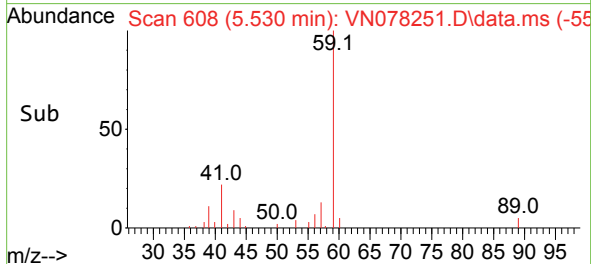
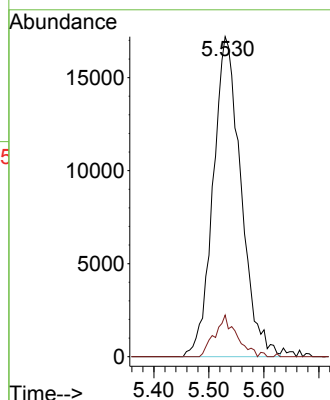
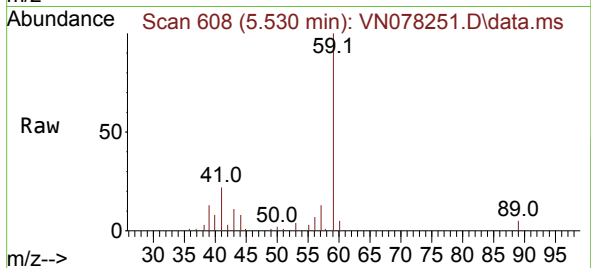




#11
Tert butyl alcohol
Concen: 81.747 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

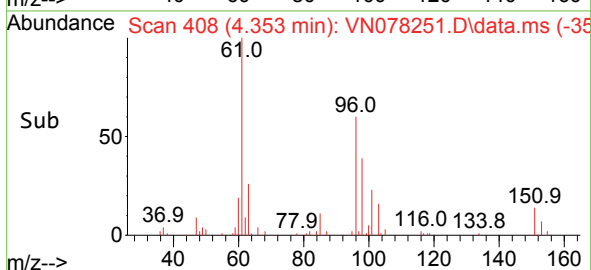
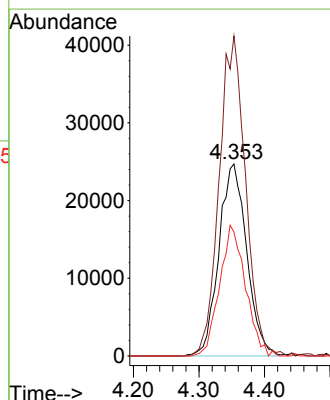
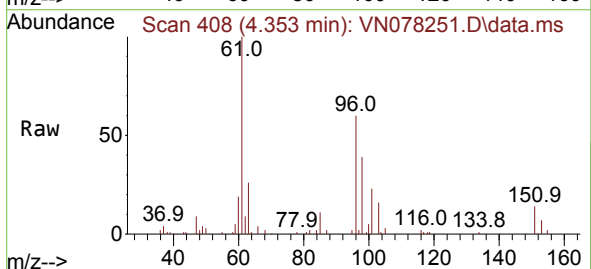
Instrument :
MSVOA_N
ClientSampleId :

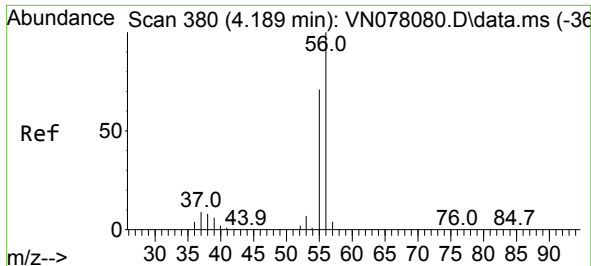
Tgt Ion: 59 Resp: 60374
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 16.614 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 96 Resp: 72781
Ion Ratio Lower Upper
96 100
61 166.7 112.7 169.1
98 64.5 51.2 76.8





#13

Acrolein

Concen: 69.910 ug/l

RT: 4.194 min Scan# 380

Delta R.T. 0.006 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

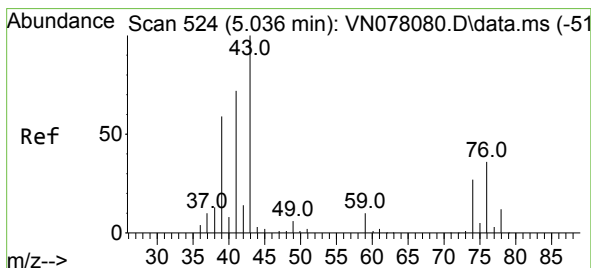
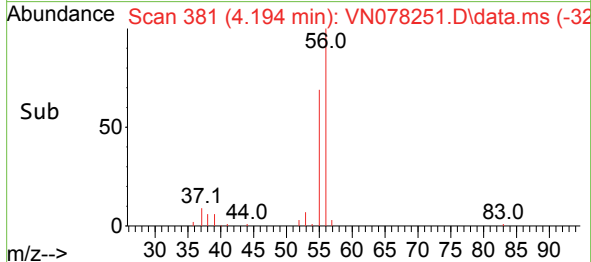
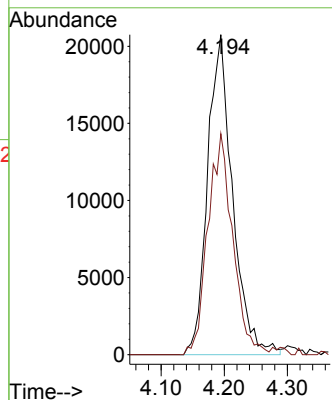
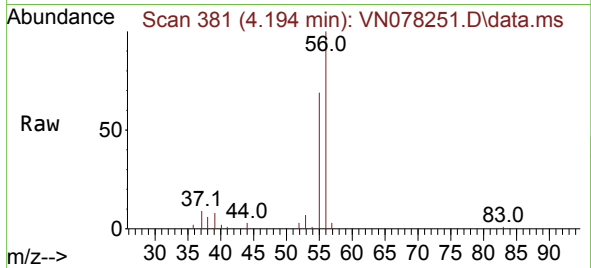
ClientSampleId :

Tgt Ion: 56 Resp: 56905

Ion Ratio Lower Upper

56 100

55 69.0 54.5 81.7



#14

Allyl chloride

Concen: 17.608 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

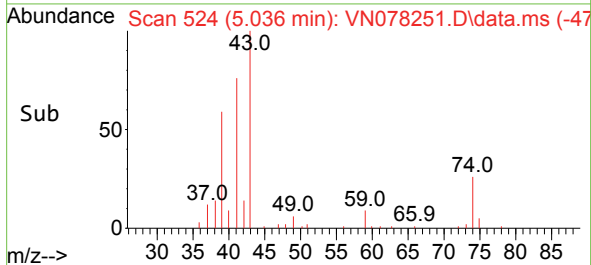
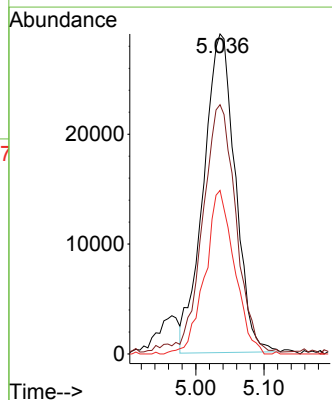
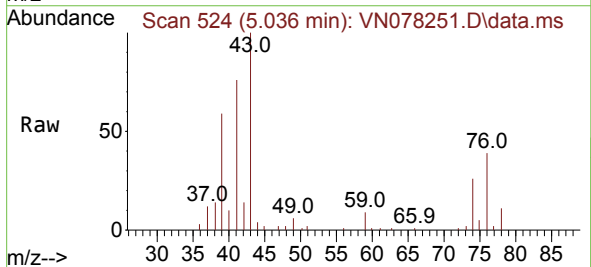
Tgt Ion: 41 Resp: 94157

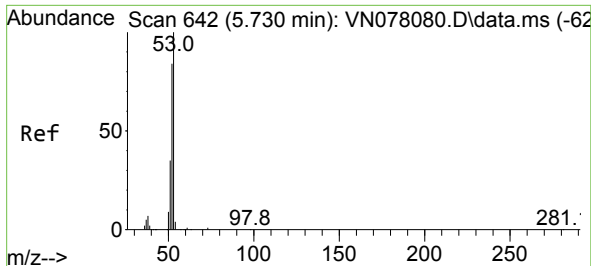
Ion Ratio Lower Upper

41 100

39 80.6 58.8 88.2

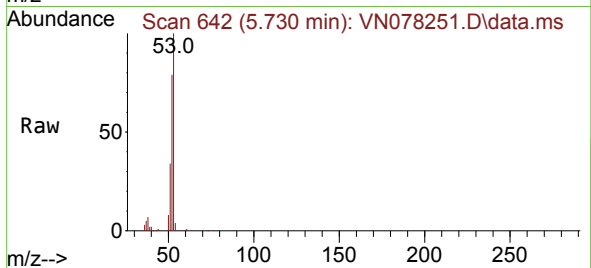
76 47.5 39.1 58.7



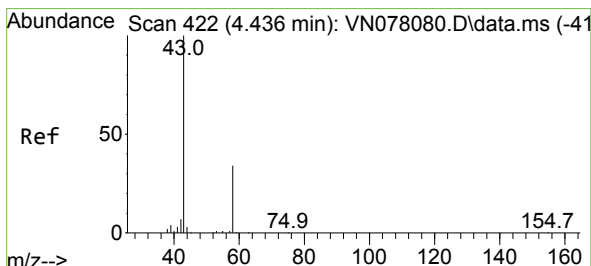
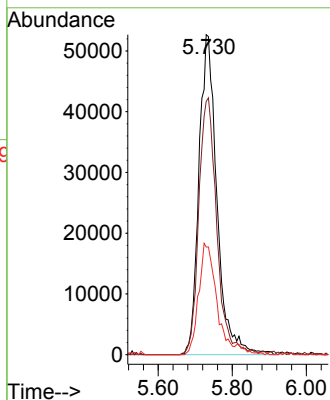
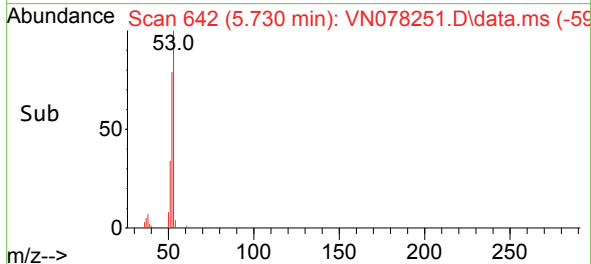


#15
Acrylonitrile
Concen: 93.285 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Instrument :
MSVOA_N
ClientSampleId :

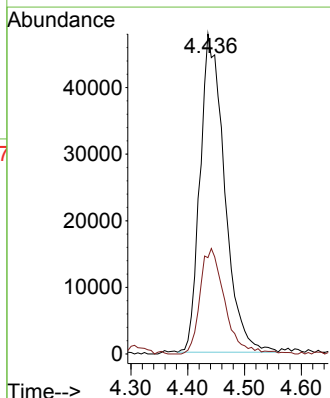
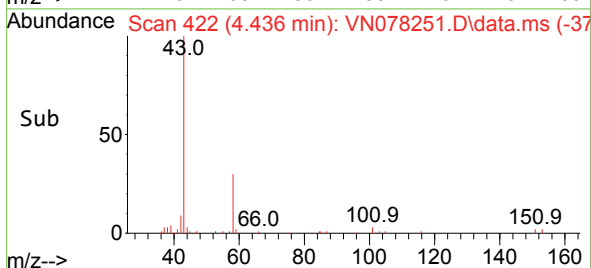
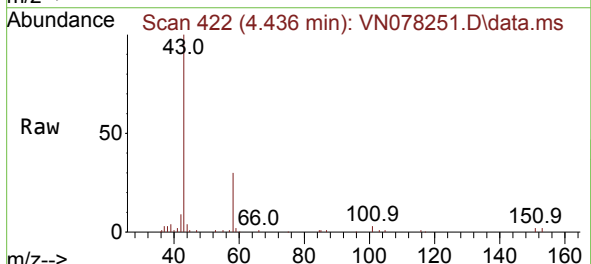


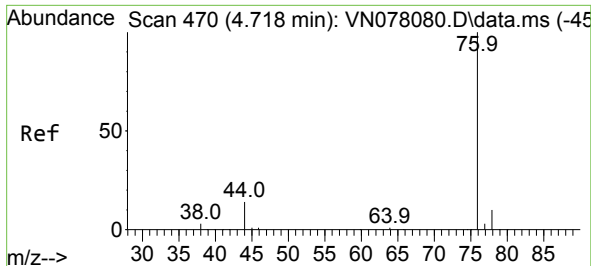
Tgt Ion: 53 Resp: 177624
Ion Ratio Lower Upper
53 100
52 80.2 65.3 97.9
51 34.1 28.9 43.3



#16
Acetone
Concen: 93.083 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 43 Resp: 143307
Ion Ratio Lower Upper
43 100
58 30.2 28.0 42.0

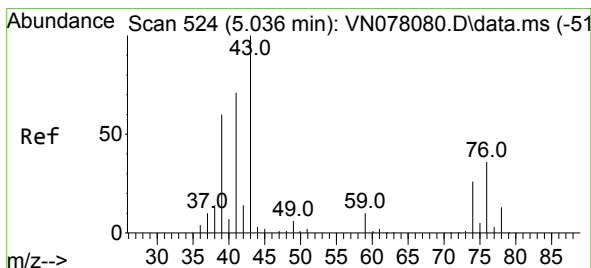
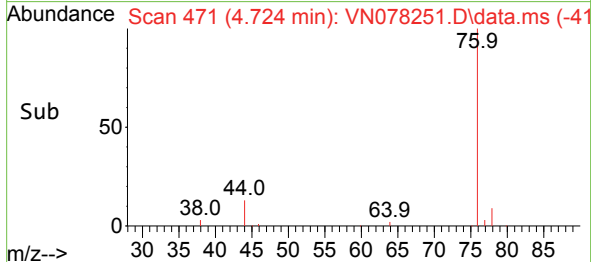
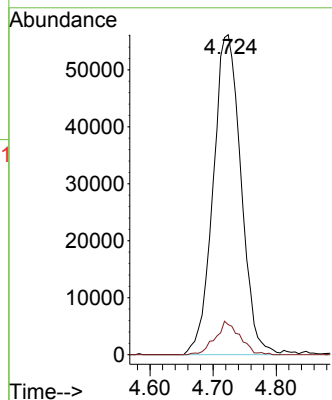
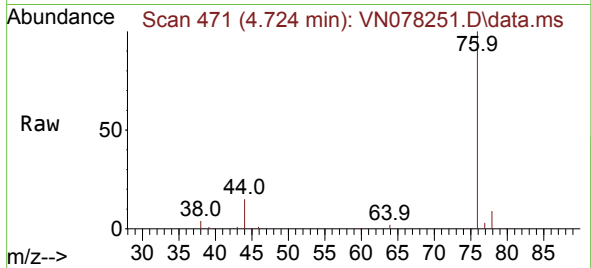




#17
Carbon Disulfide
Concen: 15.228 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

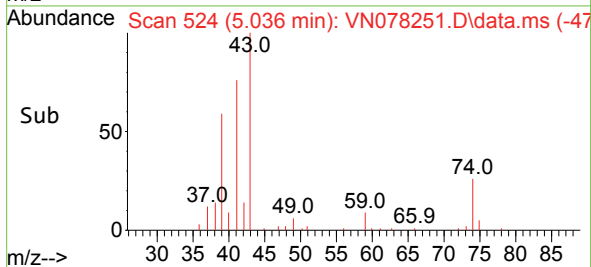
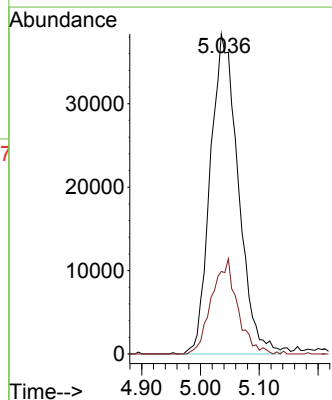
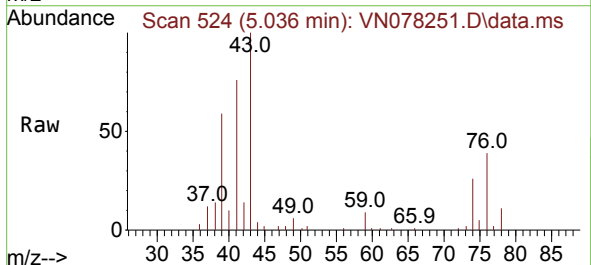
Instrument :
MSVOA_N
ClientSampleId :

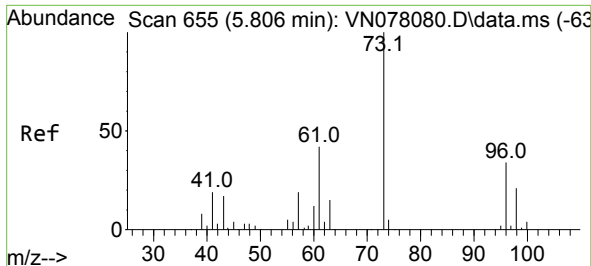
Tgt Ion: 76 Resp: 171707
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 17.878 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 43 Resp: 126718
Ion Ratio Lower Upper
43 100
74 27.4 26.2 39.4

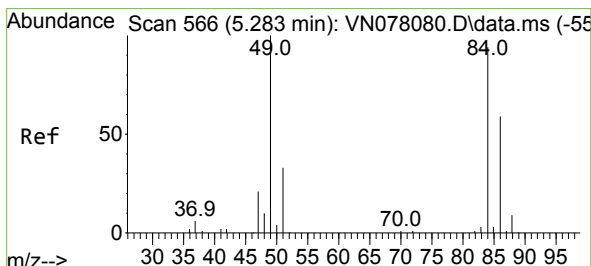
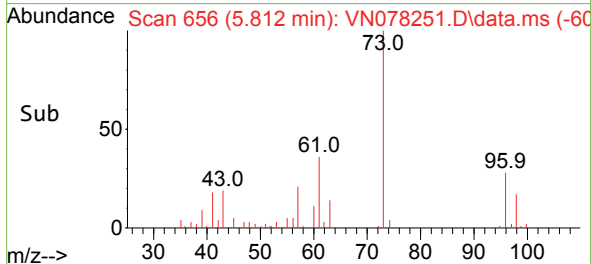
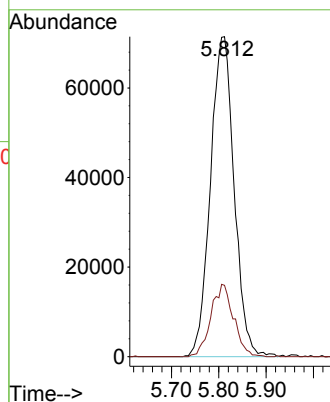
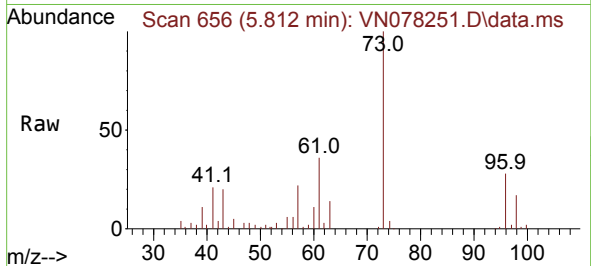




#19
Methyl tert-butyl Ether
Concen: 17.786 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

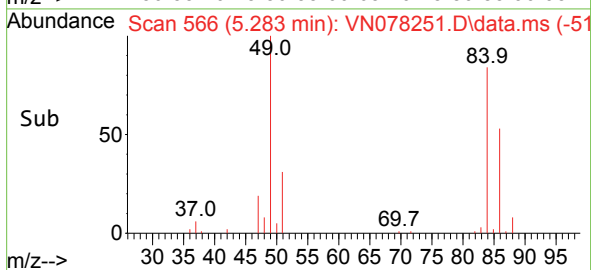
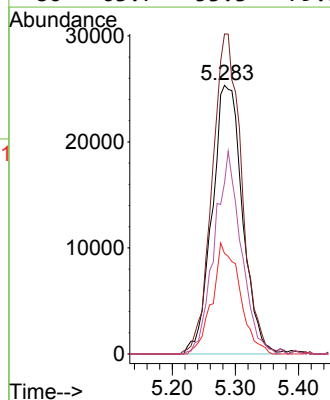
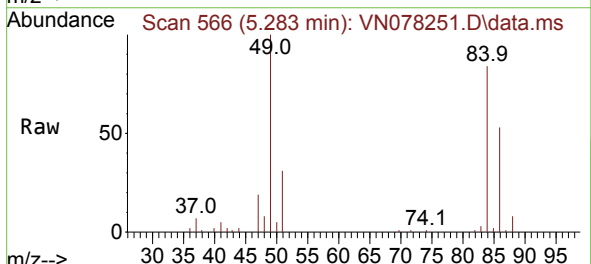
Instrument :
MSVOA_N
ClientSampleId :

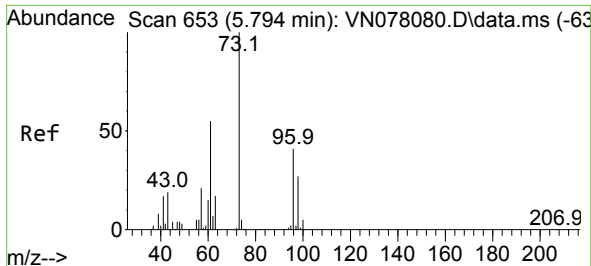
Tgt Ion: 73 Resp: 248593
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4



#20
Methylene Chloride
Concen: 16.626 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

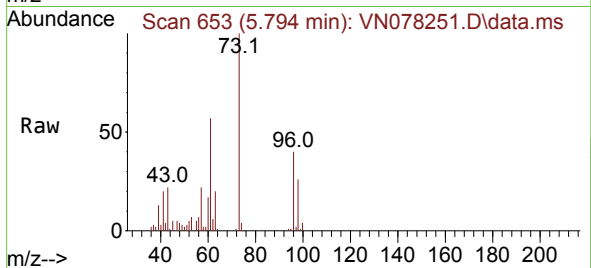
Tgt Ion: 84 Resp: 84588
Ion Ratio Lower Upper
84 100
49 119.1 79.7 119.5
51 37.4 25.2 37.8
86 63.7 53.3 79.9



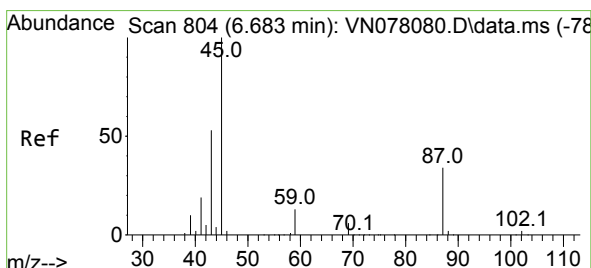
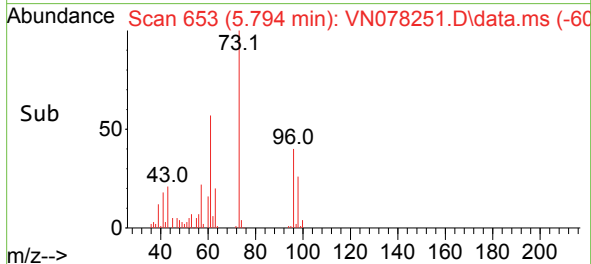
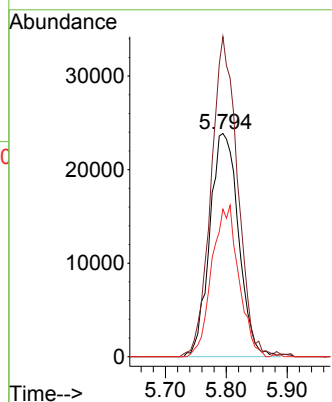


#21
trans-1,2-Dichloroethene
Concen: 16.594 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Instrument :
MSVOA_N
ClientSampleId :

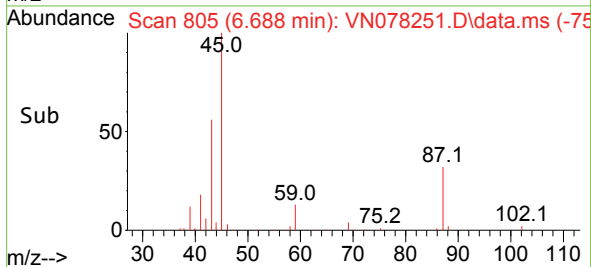
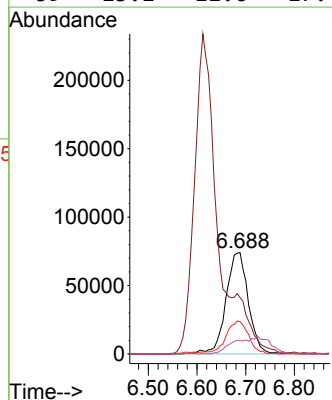
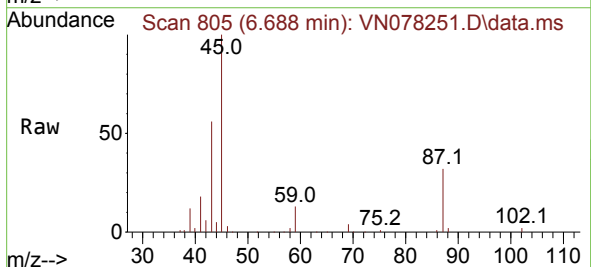


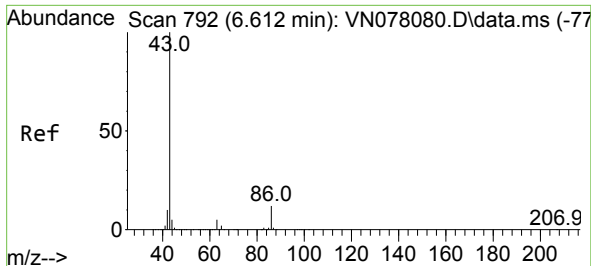
Tgt Ion: 96 Resp: 78402
Ion Ratio Lower Upper
96 100
61 143.4 90.1 135.1#
98 66.1 46.4 69.6



#22
Diisopropyl ether
Concen: 18.742 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

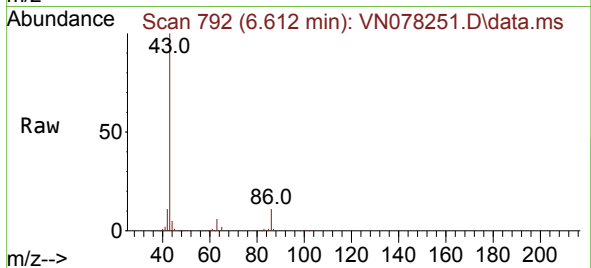
Tgt Ion: 45 Resp: 235754
Ion Ratio Lower Upper
45 100
43 54.1 45.5 68.3
87 31.8 31.8 47.8
59 13.1 11.6 17.4



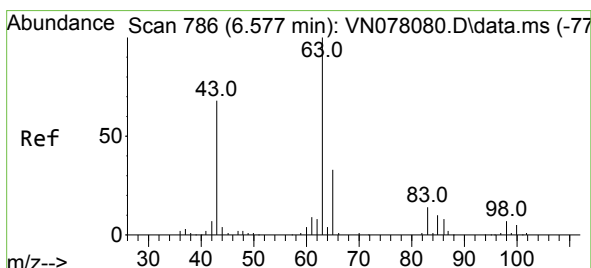
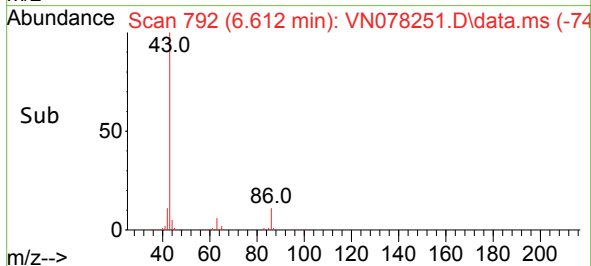
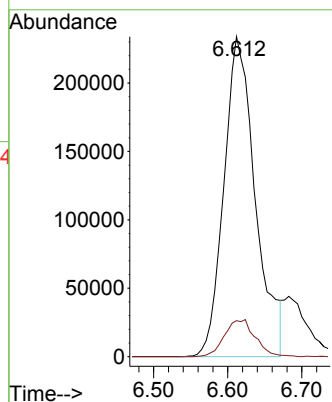


#23
 Vinyl Acetate
 Concen: 92.114 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078251.D
 Acq: 16 Jun 2023 11:18

Instrument :
 MSVOA_N
 ClientSampleId :

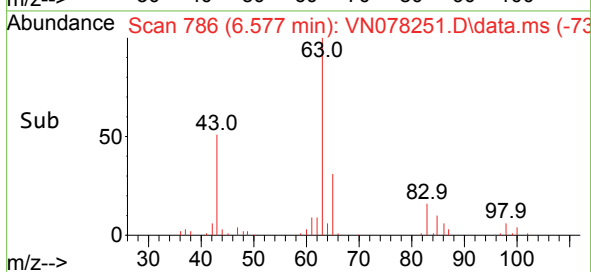
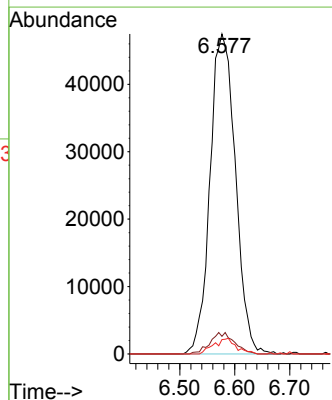
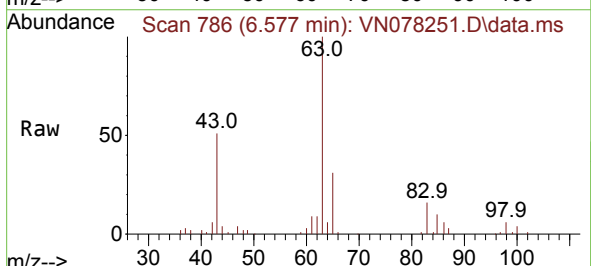


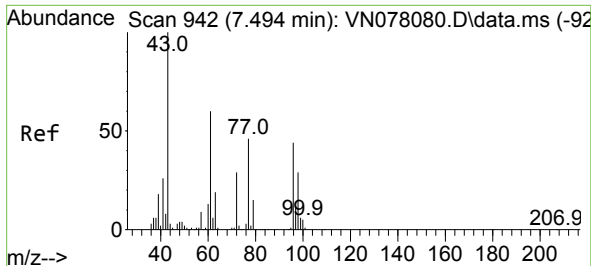
Tgt Ion: 43 Resp: 688761
 Ion Ratio Lower Upper
 43 100
 86 11.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 18.358 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078251.D
 Acq: 16 Jun 2023 11:18

Tgt Ion: 63 Resp: 152334
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.9 11.7
 100 4.5 2.5 7.4

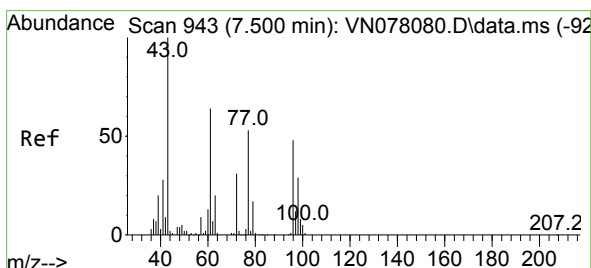
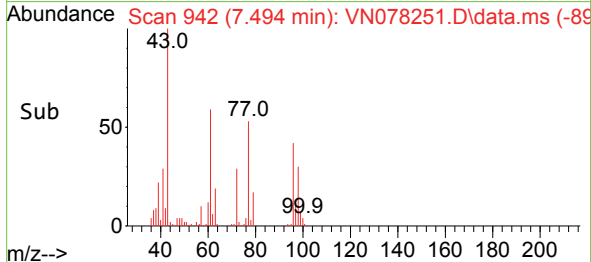
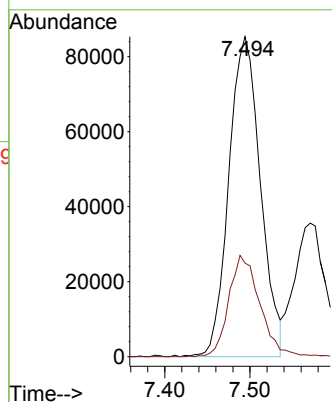
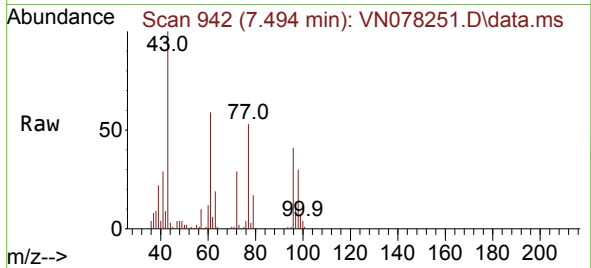




#25
2-Butanone
Concen: 92.903 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

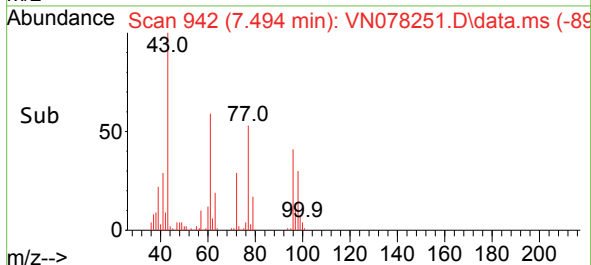
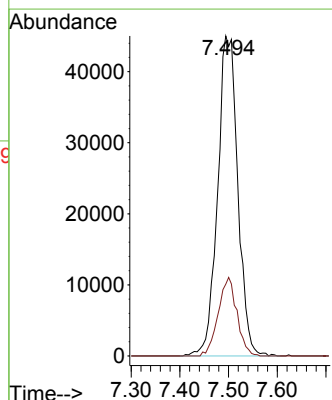
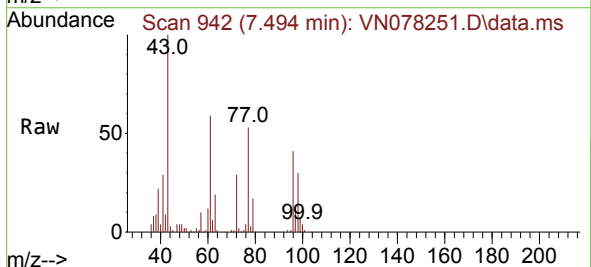
Instrument :
MSVOA_N
ClientSampleId :

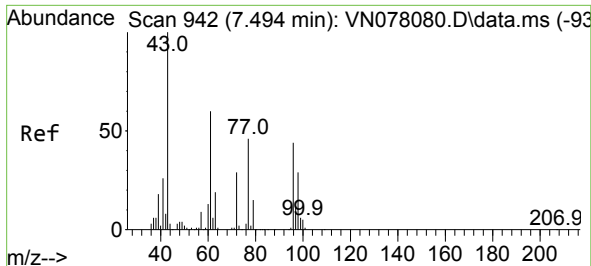
Tgt Ion: 43 Resp: 219949
Ion Ratio Lower Upper
43 100
72 29.3 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 21.229 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

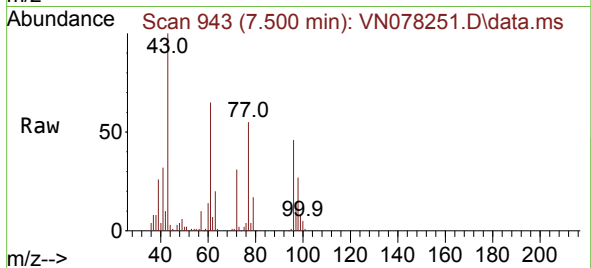
Tgt Ion: 77 Resp: 130066
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6



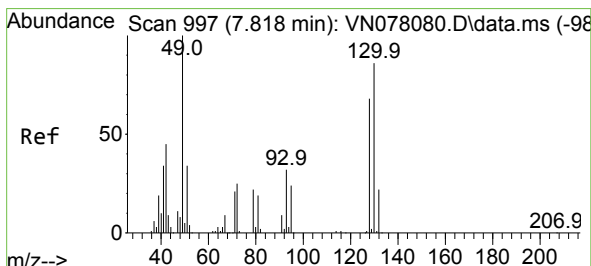
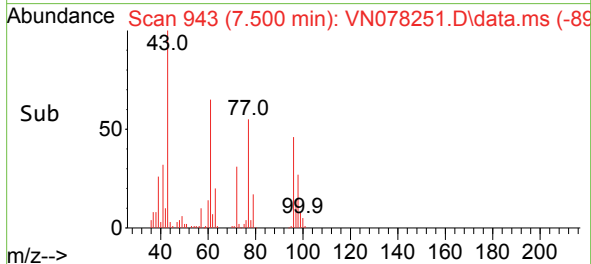
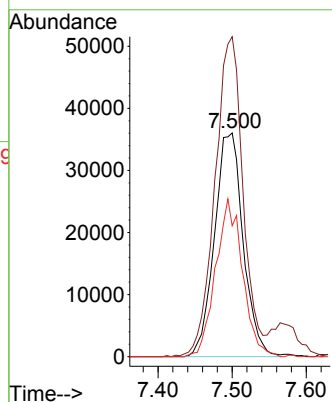


#27
 cis-1,2-Dichloroethene
 Concen: 17.157 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN078251.D
 Acq: 16 Jun 2023 11:18

Instrument :
 MSVOA_N
 ClientSampleId :

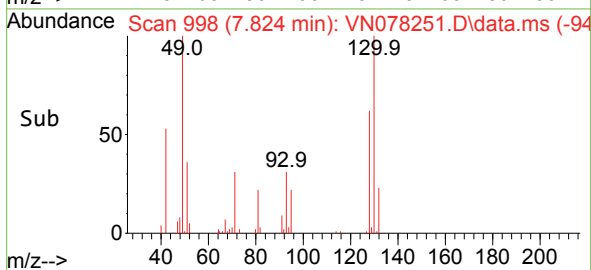
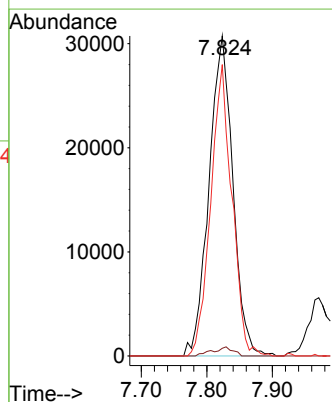
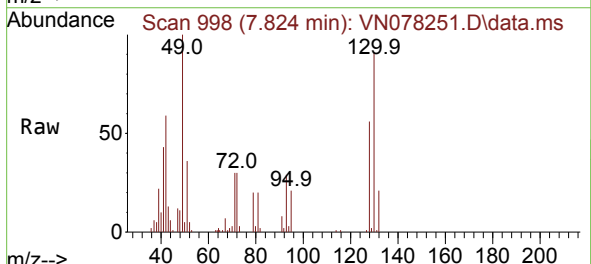


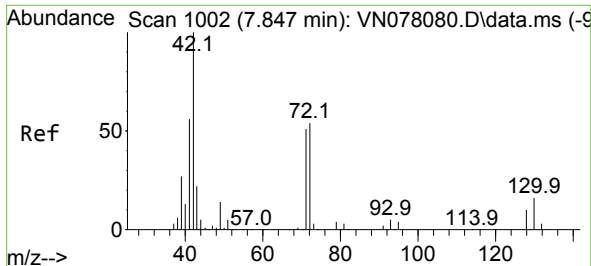
Tgt Ion: 96 Resp: 96695
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 255.2
 98 66.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.362 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078251.D
 Acq: 16 Jun 2023 11:18

Tgt Ion: 49 Resp: 77575
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 81.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 87.140 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

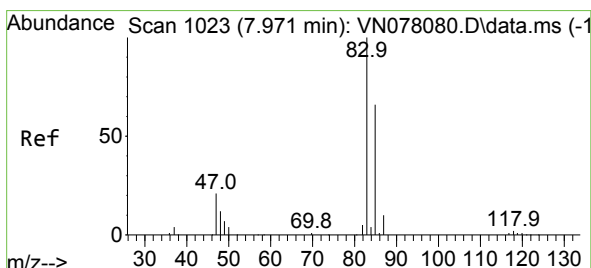
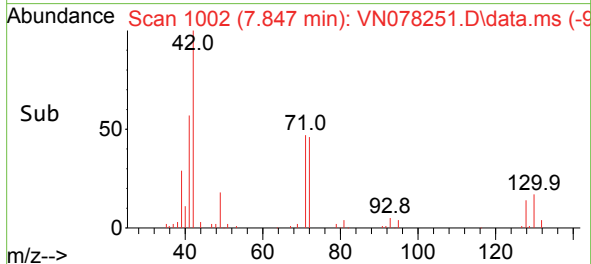
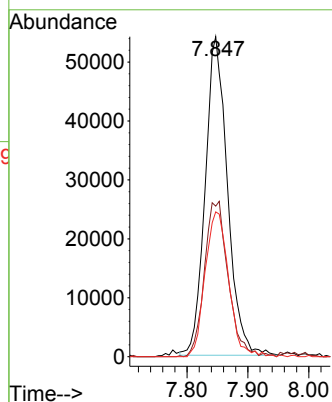
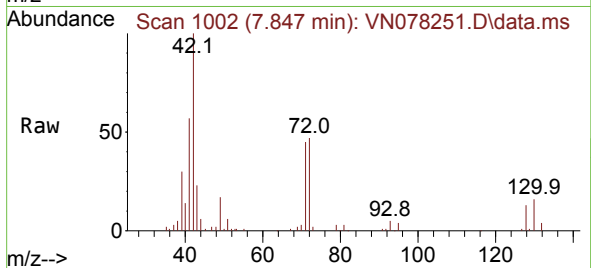
Tgt Ion: 42 Resp: 137917

Ion Ratio Lower Upper

42 100

72 51.5 49.8 74.6

71 48.0 47.4 71.2



#30

Chloroform

Concen: 18.636 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078251.D

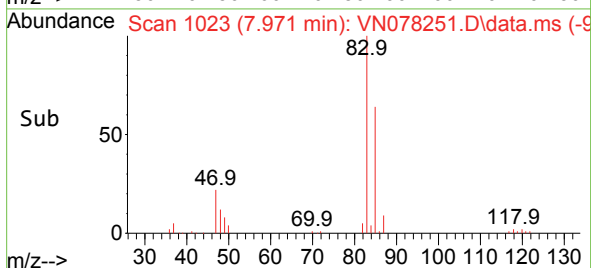
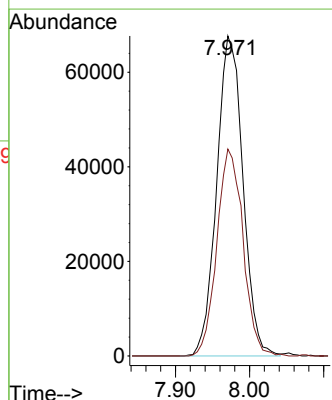
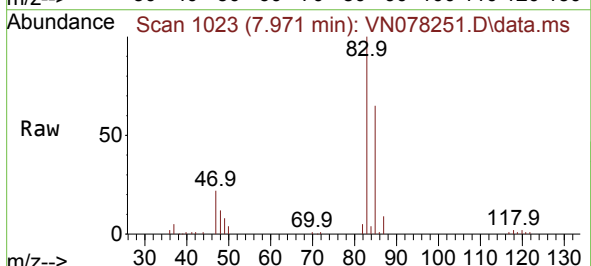
Acq: 16 Jun 2023 11:18

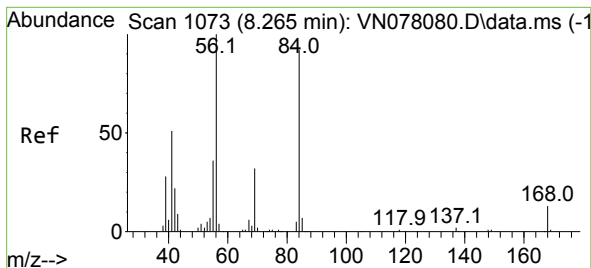
Tgt Ion: 83 Resp: 166515

Ion Ratio Lower Upper

83 100

85 64.6 55.4 83.0





#31

Cyclohexane

Concen: 16.683 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

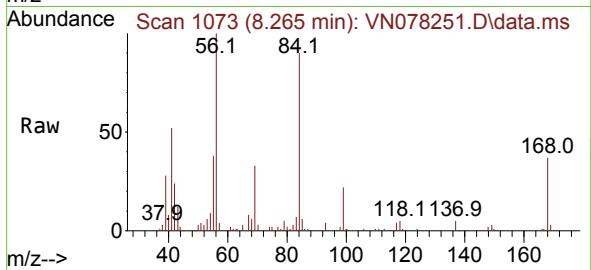
Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :



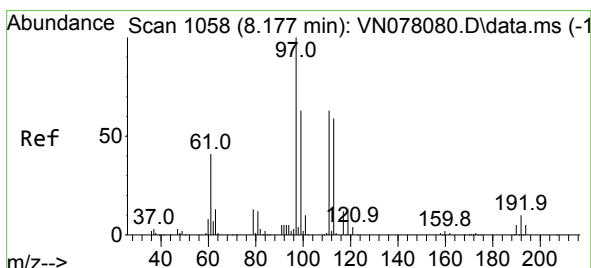
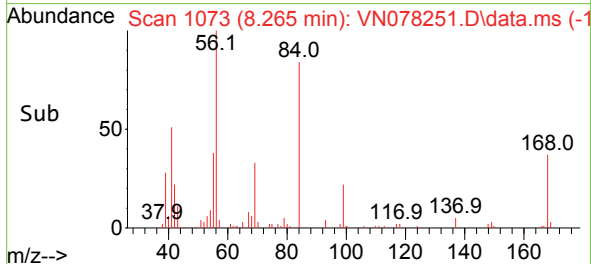
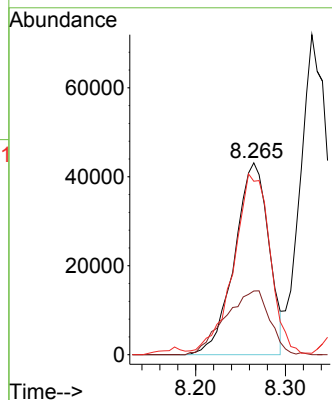
Tgt Ion: 56 Resp: 114469

Ion Ratio Lower Upper

56 100

69 32.0 26.8 40.2

84 87.9 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 18.168 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

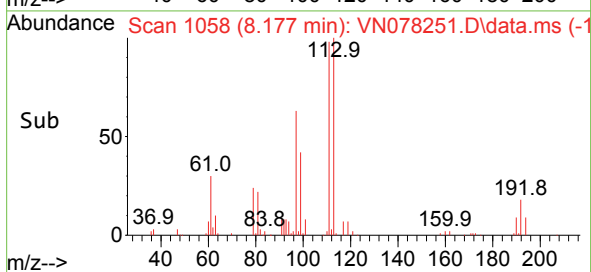
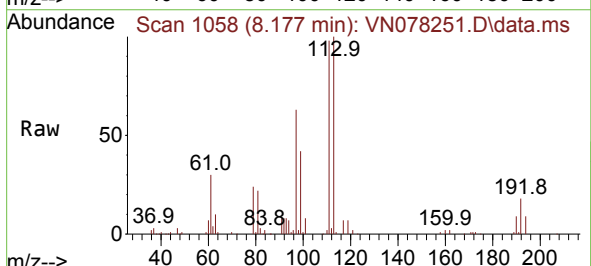
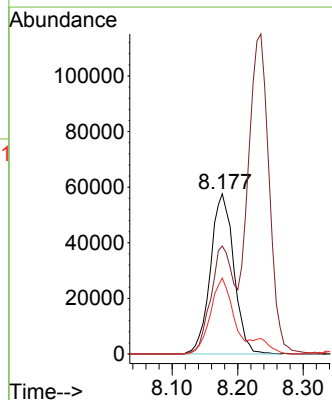
Tgt Ion: 97 Resp: 142522

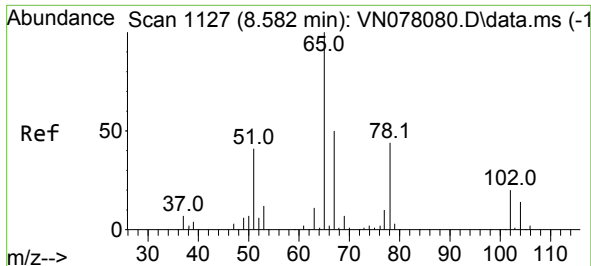
Ion Ratio Lower Upper

97 100

99 66.6 50.3 75.5

61 48.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.598 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

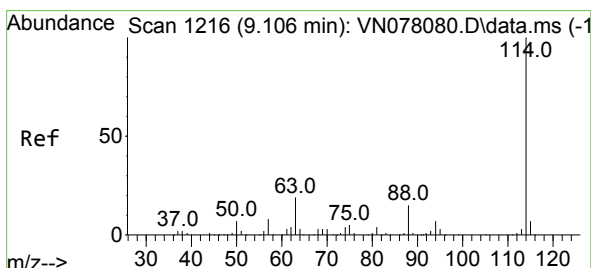
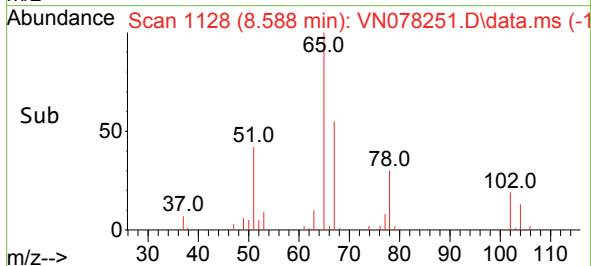
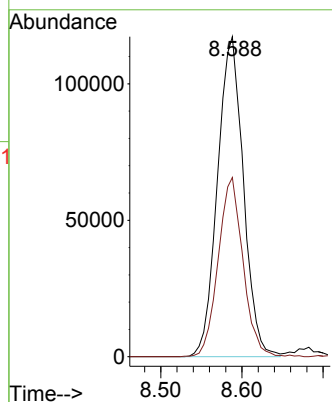
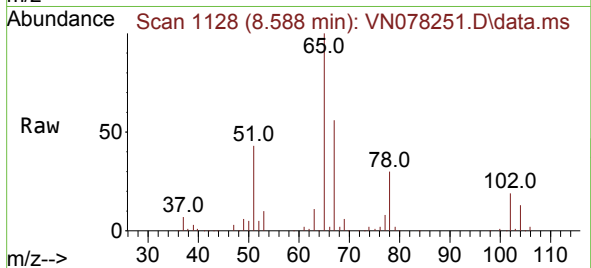
ClientSampleId :

Tgt Ion: 65 Resp: 259940

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

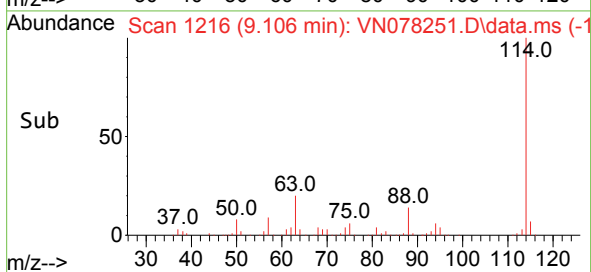
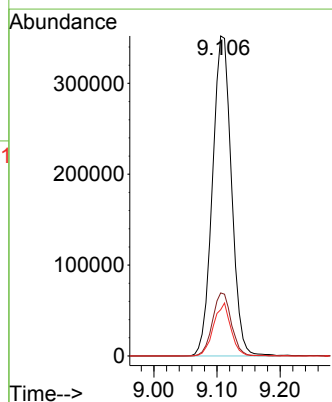
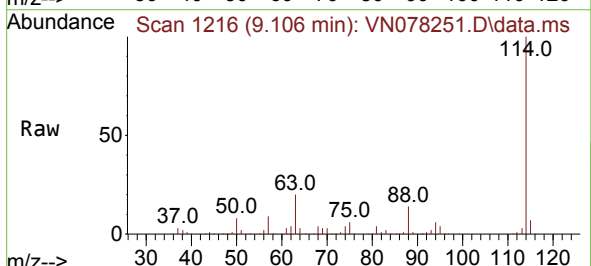
Tgt Ion: 114 Resp: 735910

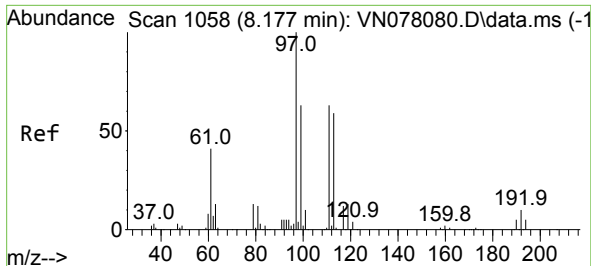
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 14.4 0.0 30.6

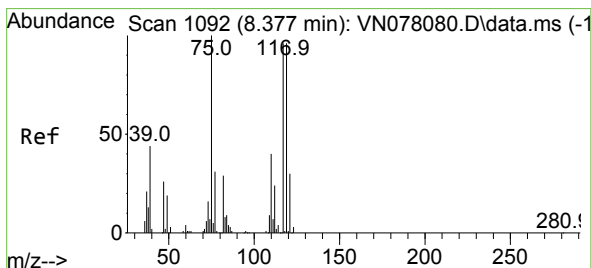
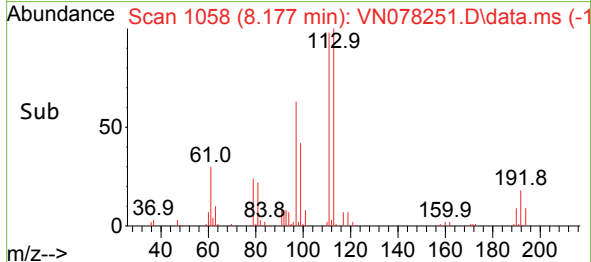
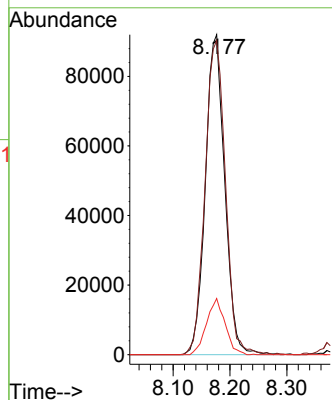
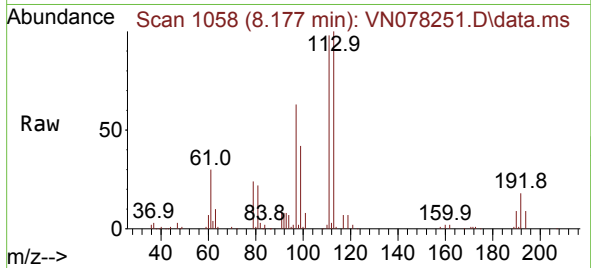




#35
 Dibromofluoromethane
 Concen: 46.706 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VN078251.D
 Acq: 16 Jun 2023 11:18

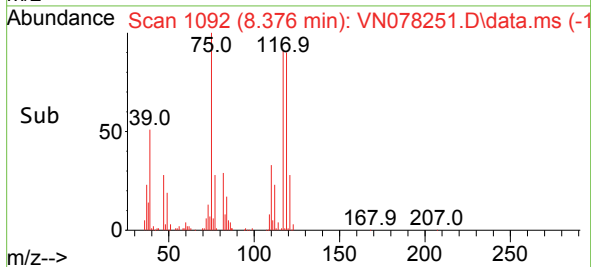
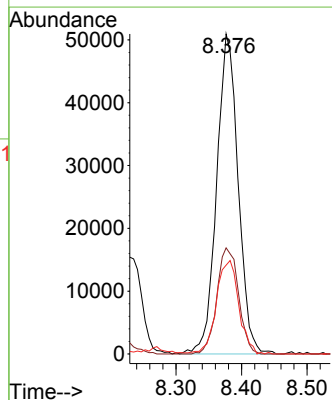
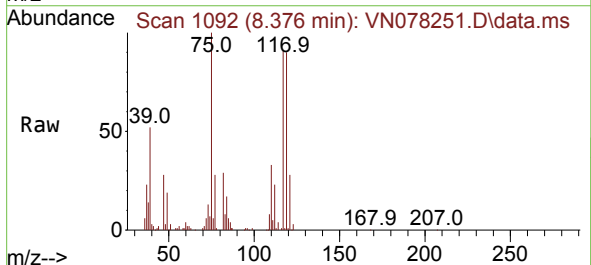
Instrument :
 MSVOA_N
 ClientSampleId :

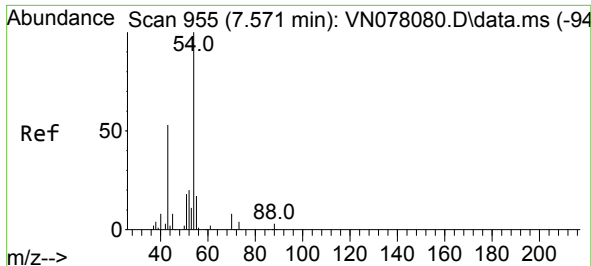
Tgt Ion:113 Resp: 217325
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.6 123.8
 192 16.9 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 17.352 ug/l
 RT: 8.376 min Scan# 1092
 Delta R.T. -0.000 min
 Lab File: VN078251.D
 Acq: 16 Jun 2023 11:18

Tgt Ion: 75 Resp: 115809
 Ion Ratio Lower Upper
 75 100
 110 33.3 19.1 57.3
 77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 17.938 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

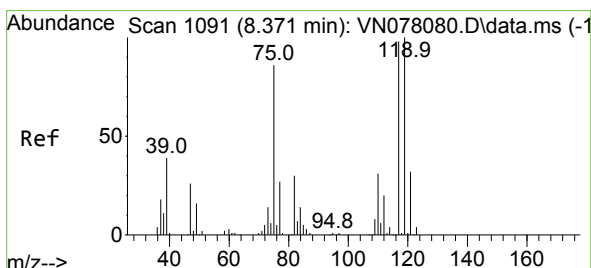
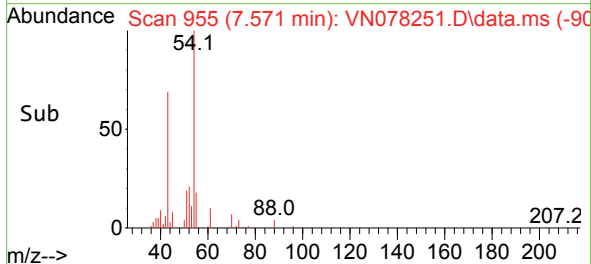
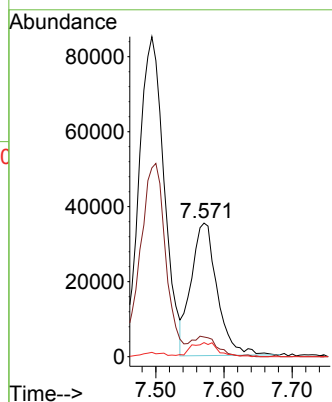
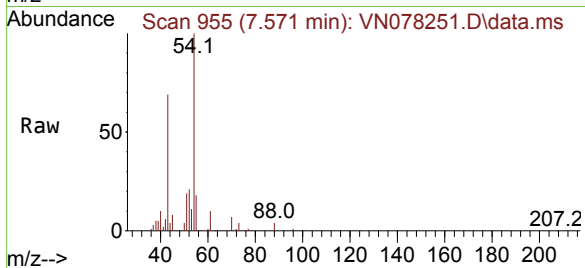
Tgt Ion: 43 Resp: 93526

Ion Ratio Lower Upper

43 100

61 13.3 13.2 19.8

70 11.1 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 17.295 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

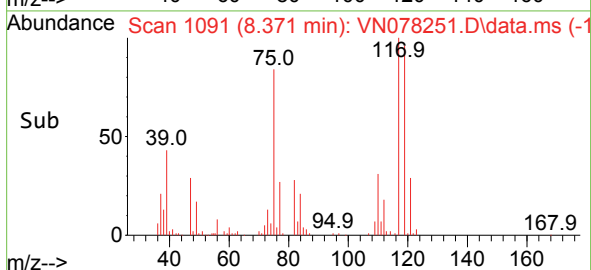
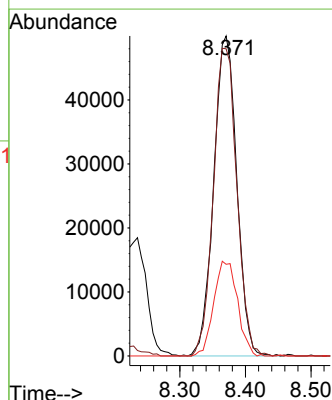
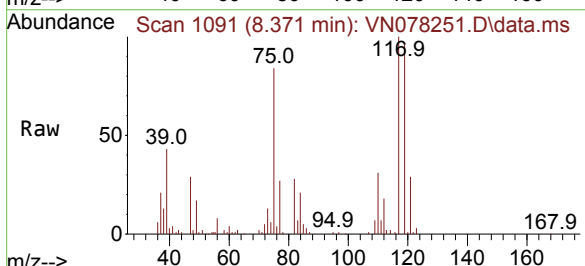
Tgt Ion: 117 Resp: 121885

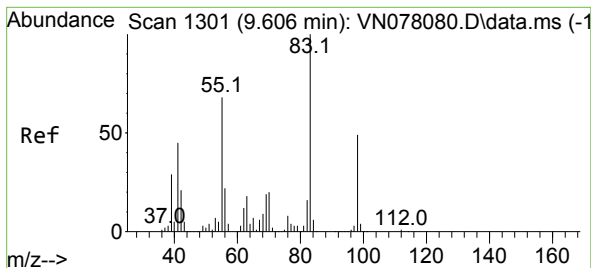
Ion Ratio Lower Upper

117 100

119 96.0 77.3 115.9

121 28.6 23.3 34.9





#39

Methylcyclohexane

Concen: 14.783 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

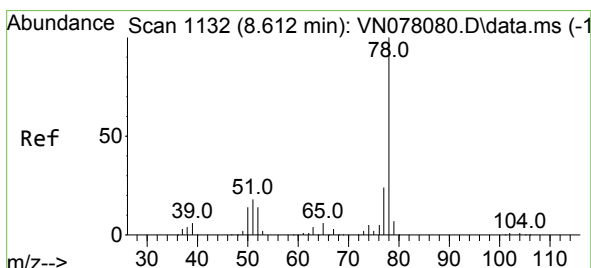
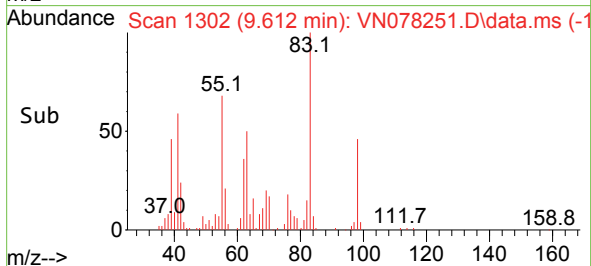
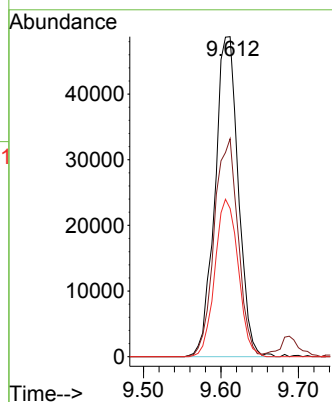
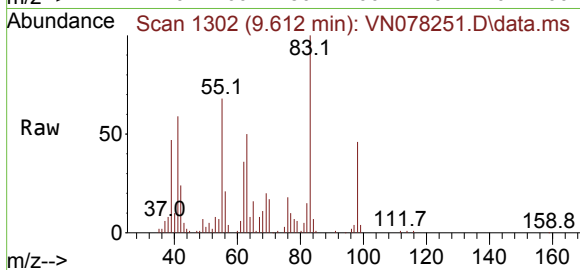
Tgt Ion: 83 Resp: 102252

Ion Ratio Lower Upper

83 100

55 68.1 49.1 73.7

98 46.3 40.6 61.0



#40

Benzene

Concen: 17.846 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078251.D

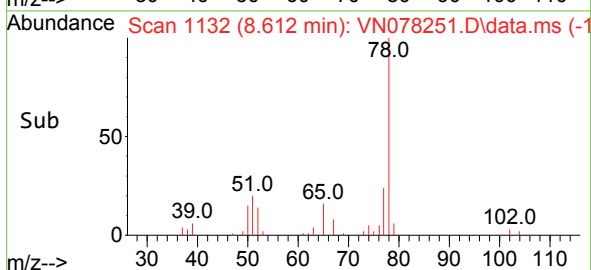
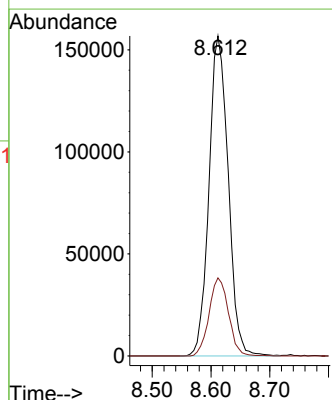
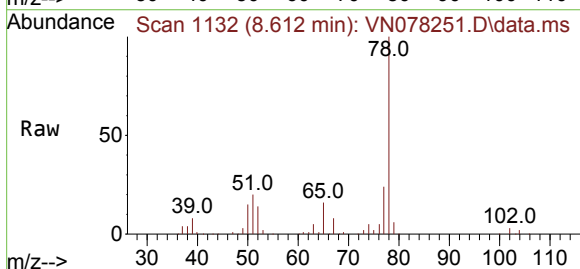
Acq: 16 Jun 2023 11:18

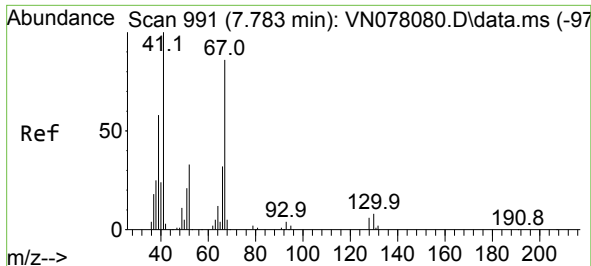
Tgt Ion: 78 Resp: 355590

Ion Ratio Lower Upper

78 100

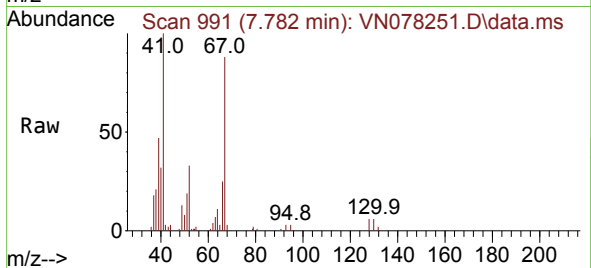
77 24.4 19.0 28.6



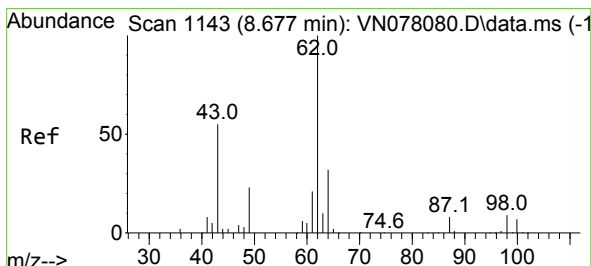
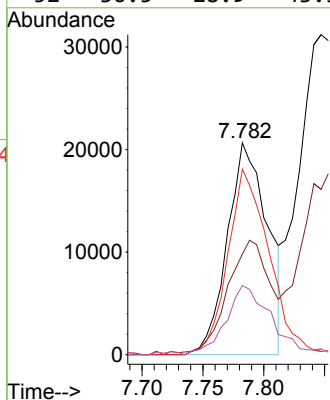
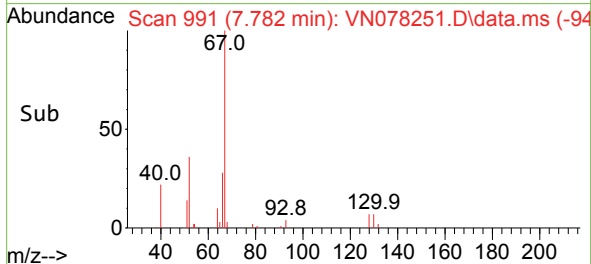


#41
Methacrylonitrile
Concen: 16.791 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Instrument :
MSVOA_N
ClientSampleId :

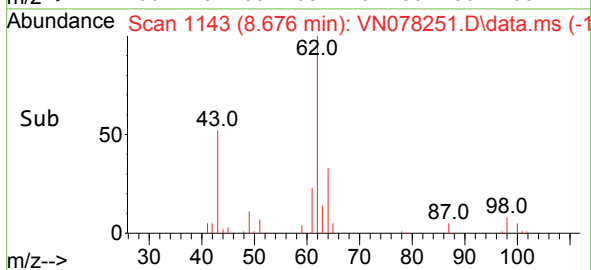
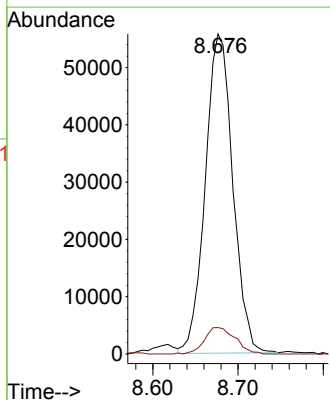
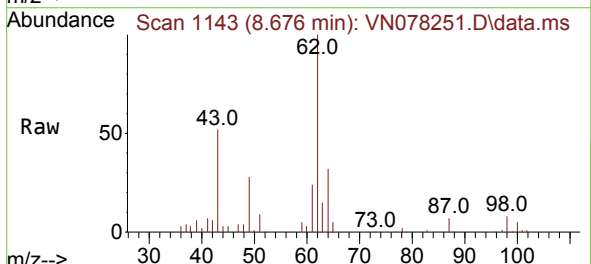


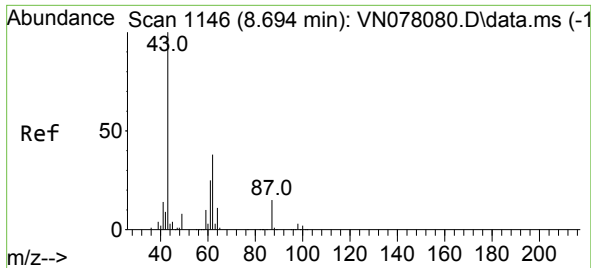
Tgt Ion:	41	Resp:	47452
Ion Ratio	Lower	Upper	
41	100		
39	57.2	42.6	64.0
67	89.8	77.5	116.3
52	36.5	28.9	43.3



#42
1,2-Dichloroethane
Concen: 18.326 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion:	62	Resp:	125203
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	19.8

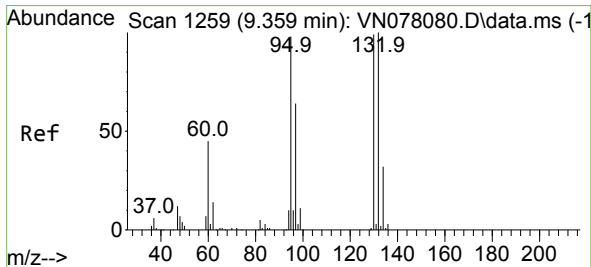
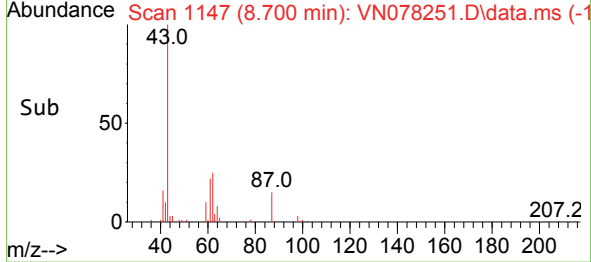
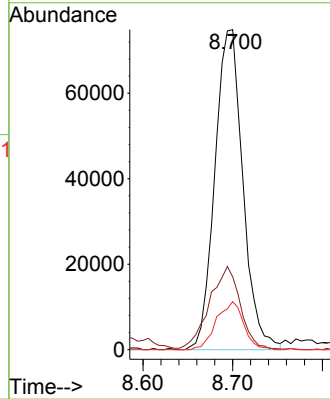
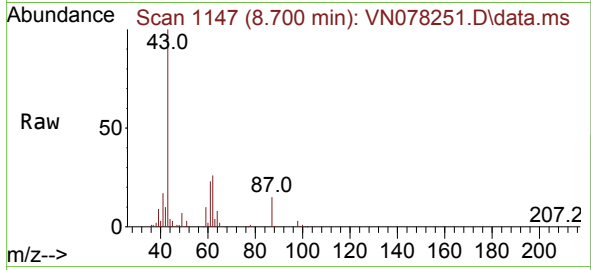




#43
Isopropyl Acetate
Concen: 16.299 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

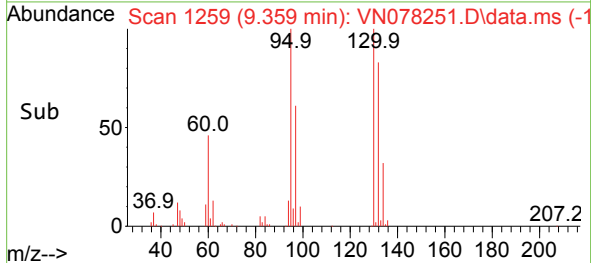
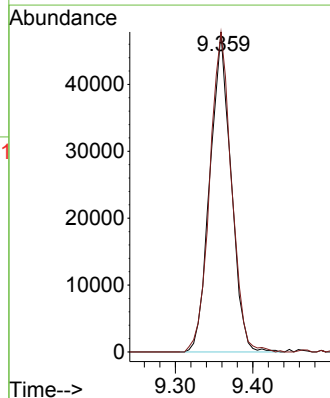
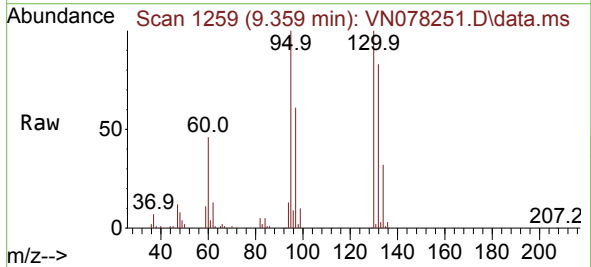
Instrument :
MSVOA_N
ClientSampleId :

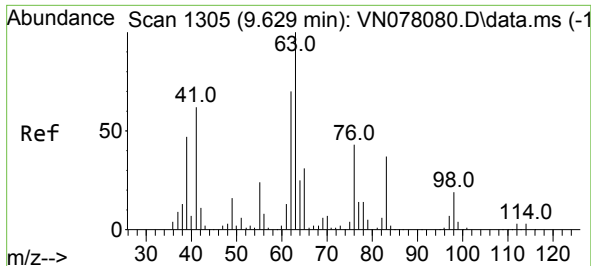
Tgt Ion: 43 Resp: 162523
Ion Ratio Lower Upper
43 100
61 28.8 24.7 37.1
87 14.6 14.6 21.8



#44
Trichloroethene
Concen: 17.156 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion:130 Resp: 90279
Ion Ratio Lower Upper
130 100
95 99.9 0.0 204.6

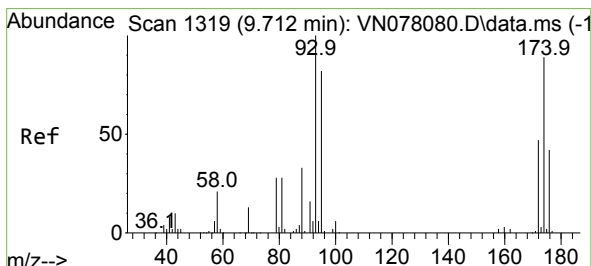
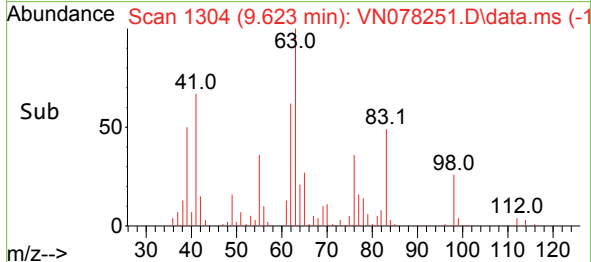
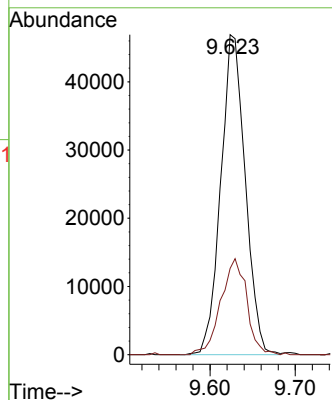
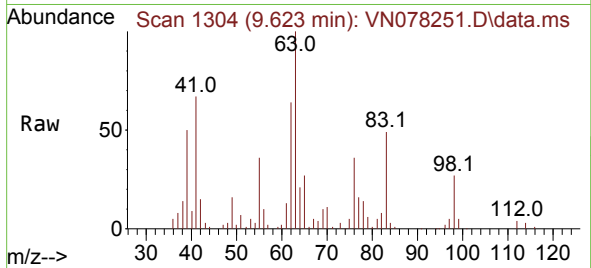




#45
1,2-Dichloropropane
Concen: 18.932 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

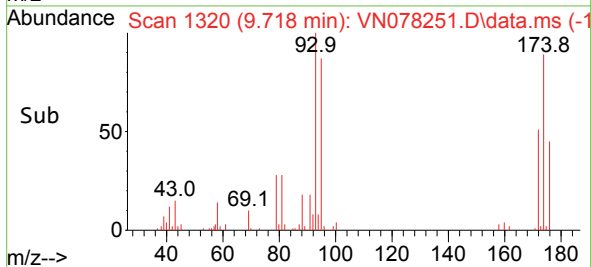
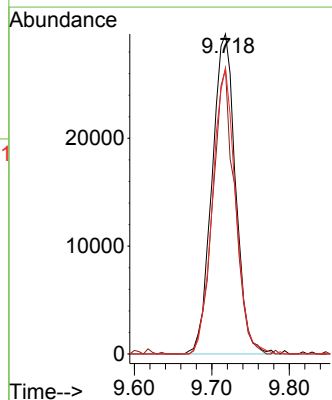
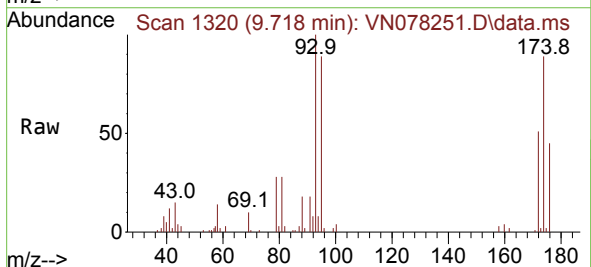
Instrument :
MSVOA_N
ClientSampleId :

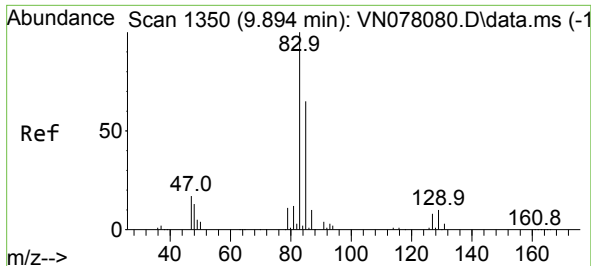
Tgt Ion: 63 Resp: 93857
Ion Ratio Lower Upper
63 100
65 27.0 23.9 35.9



#46
Dibromomethane
Concen: 17.155 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 93 Resp: 62641
Ion Ratio Lower Upper
93 100
95 83.1 63.8 95.8
174 87.5 65.6 98.4

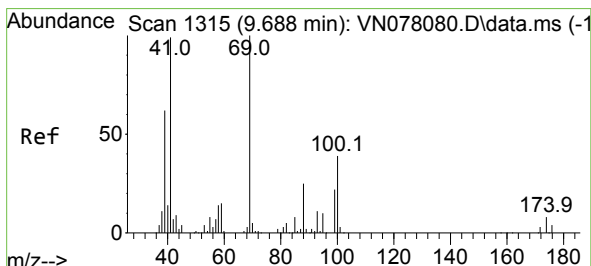
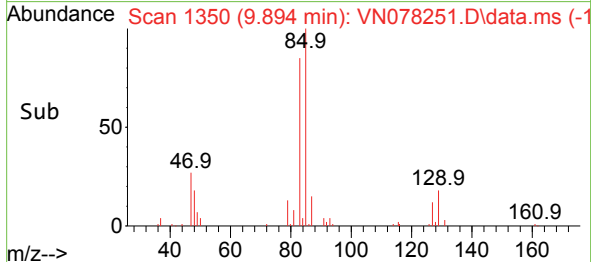
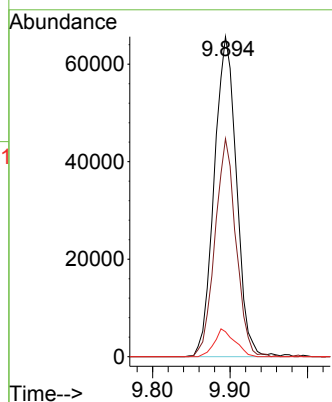
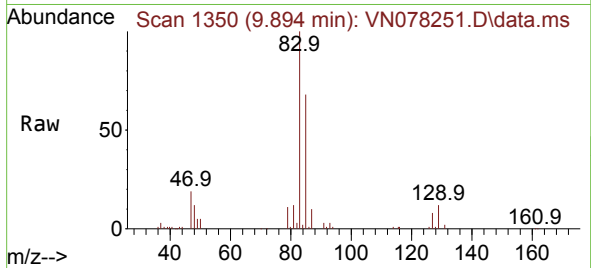




#47
Bromodichloromethane
Concen: 19.298 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

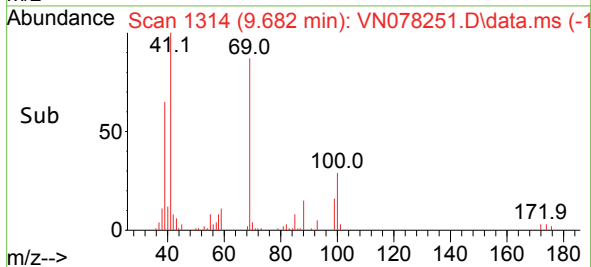
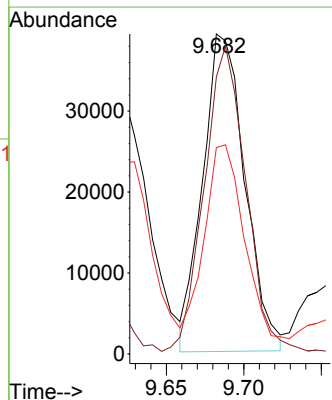
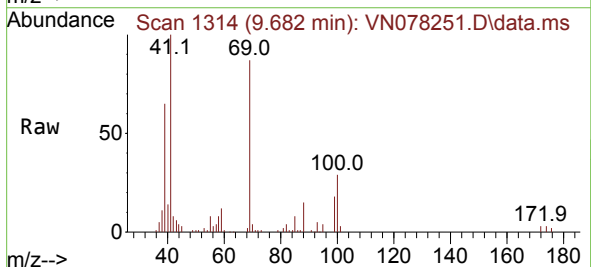
Instrument :
MSVOA_N
ClientSampleId :

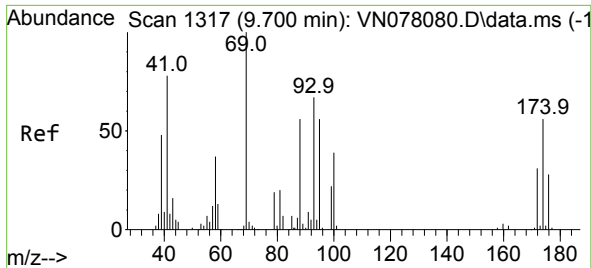
Tgt Ion: 83 Resp: 130896
Ion Ratio Lower Upper
83 100
85 68.1 49.6 74.4
127 7.8 7.0 10.6



#48
Methyl methacrylate
Concen: 17.754 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 41 Resp: 74292
Ion Ratio Lower Upper
41 100
69 97.7 90.4 135.6
39 66.2 54.6 81.8

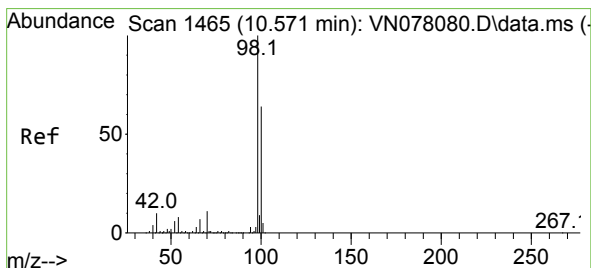
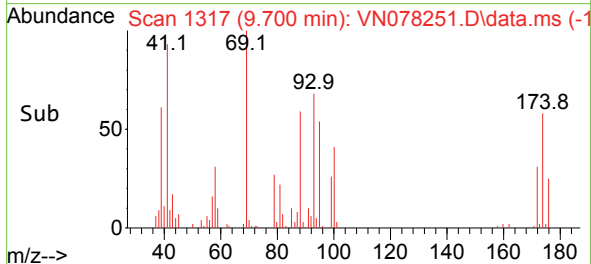
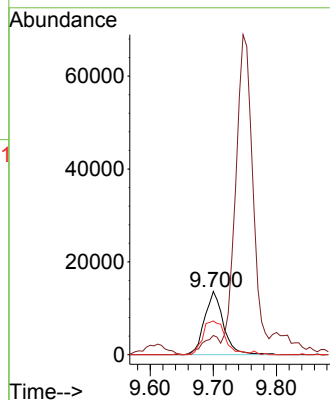
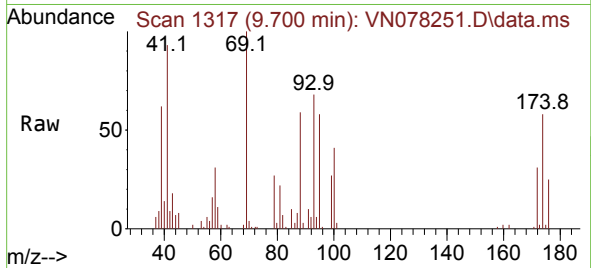




#49
1,4-Dioxane
Concen: 323.046 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

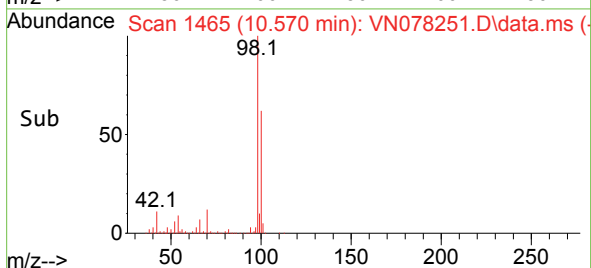
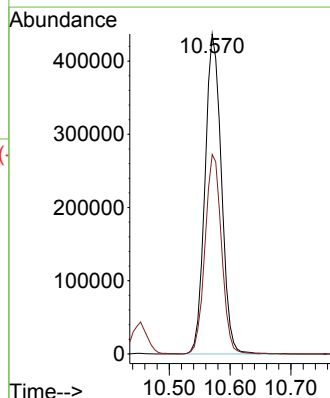
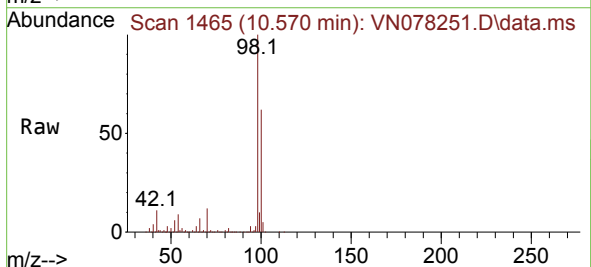
Instrument :
MSVOA_N
ClientSampleId :

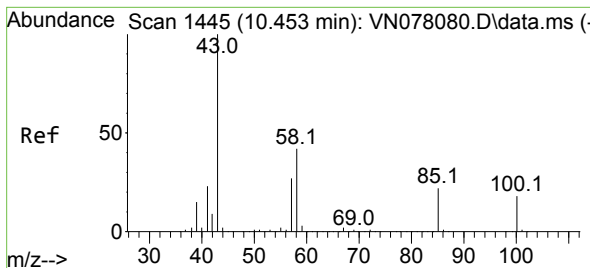
Tgt Ion: 88 Resp: 28412
Ion Ratio Lower Upper
88 100
43 27.2 17.0 25.6#
58 62.7 47.0 70.4



#50
Toluene-d8
Concen: 45.573 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 98 Resp: 817482
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0

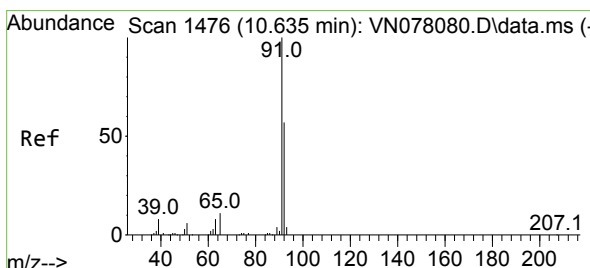
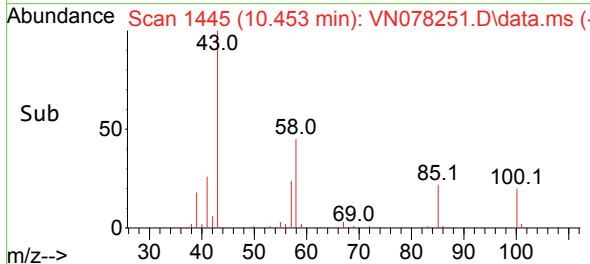
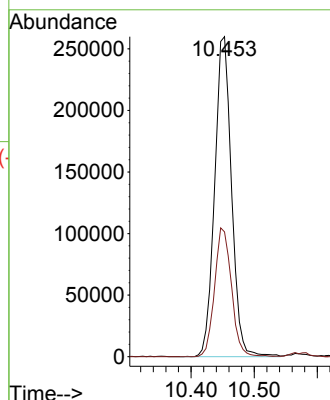
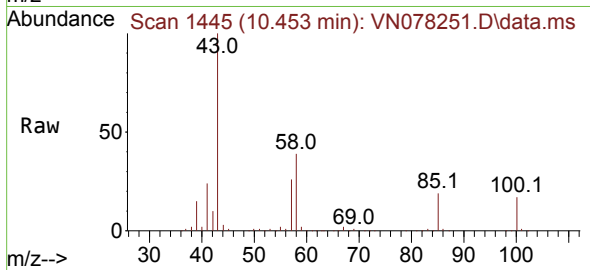




#51
4-Methyl-2-Pentanone
Concen: 92.016 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

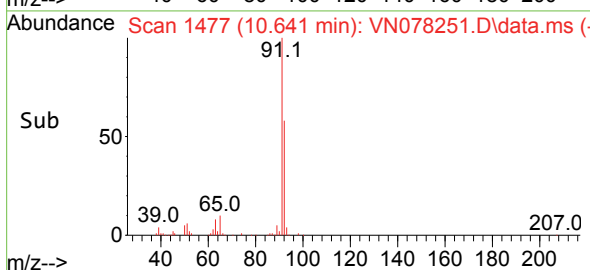
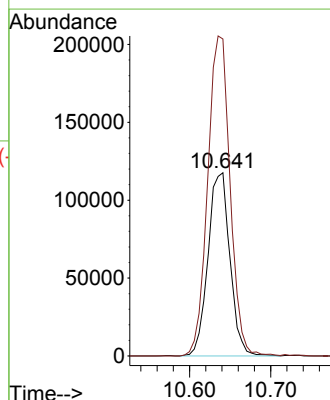
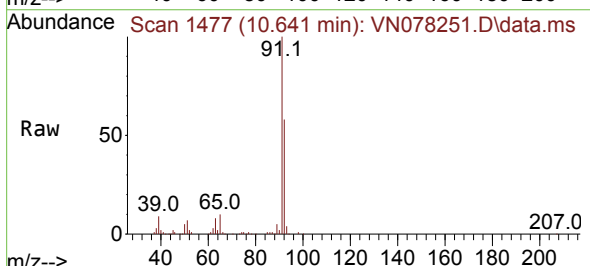
Instrument :
MSVOA_N
ClientSampleId :

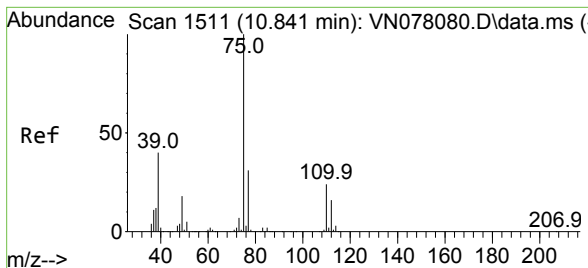
Tgt Ion: 43 Resp: 483160
Ion Ratio Lower Upper
43 100
58 40.3 36.6 54.8



#52
Toluene
Concen: 17.539 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 92 Resp: 220648
Ion Ratio Lower Upper
92 100
91 178.4 137.4 206.0

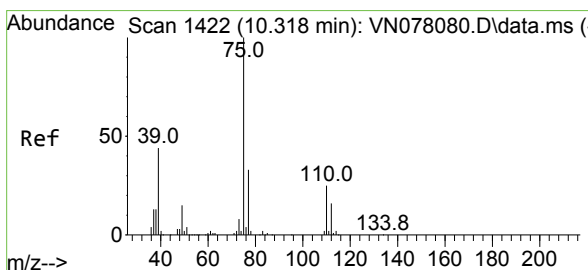
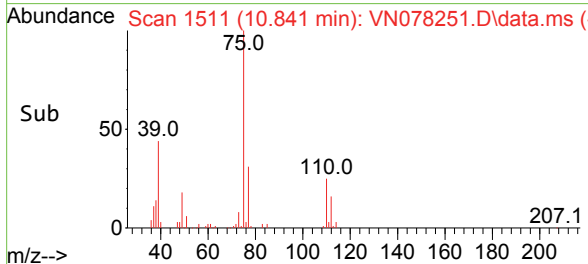
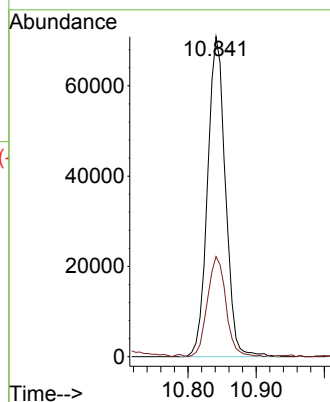
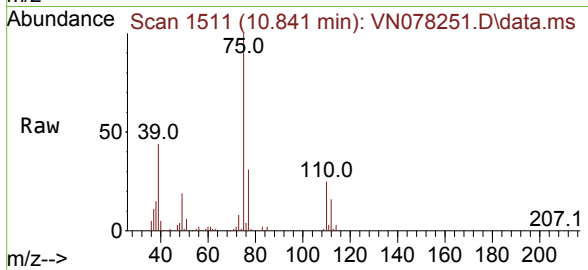




#53
 t-1,3-Dichloropropene
 Concen: 18.294 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN078251.D
 Acq: 16 Jun 2023 11:18

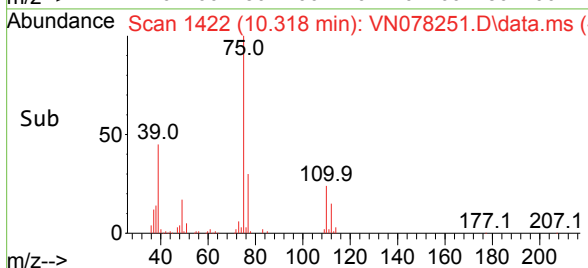
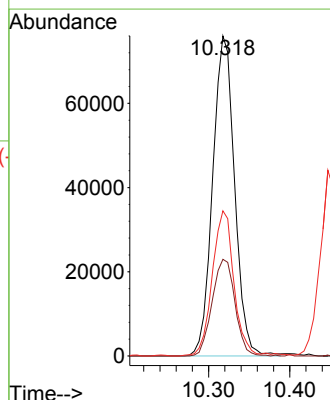
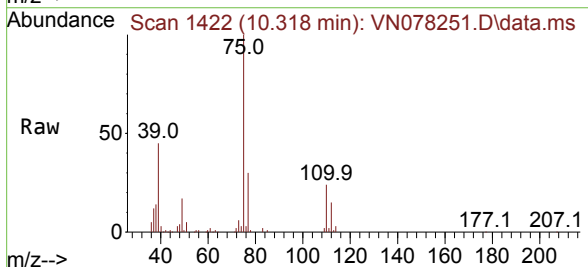
Instrument :
 MSVOA_N
 ClientSampleId :

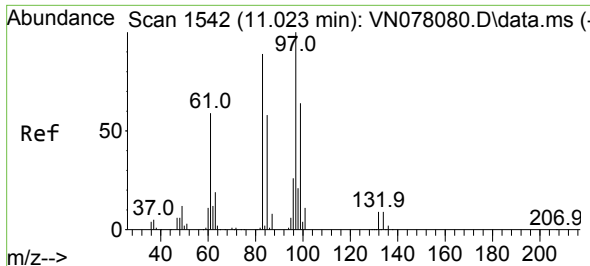
Tgt Ion: 75 Resp: 129229
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.265 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078251.D
 Acq: 16 Jun 2023 11:18

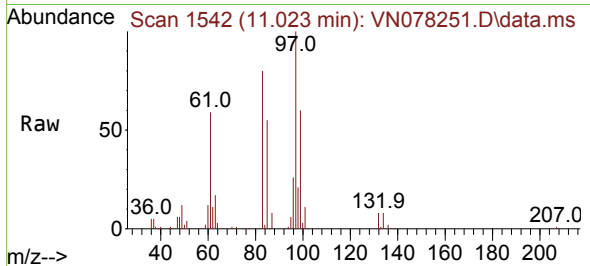
Tgt Ion: 75 Resp: 142627
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.1 39.1
 39 45.4 31.6 47.4



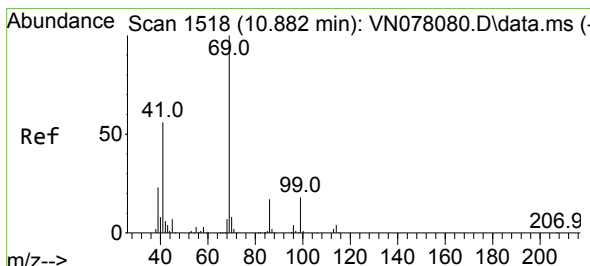
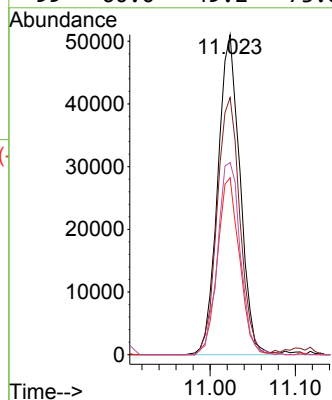
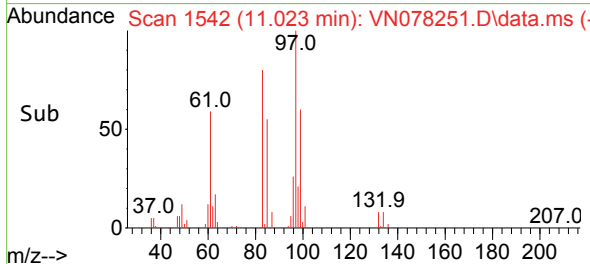


#55
1,1,2-Trichloroethane
Concen: 19.427 ug/l
RT: 11.023 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

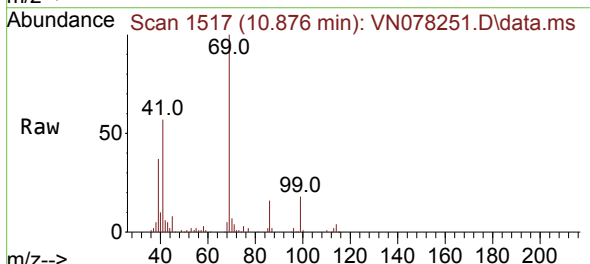
Instrument :
MSVOA_N
ClientSampleId :



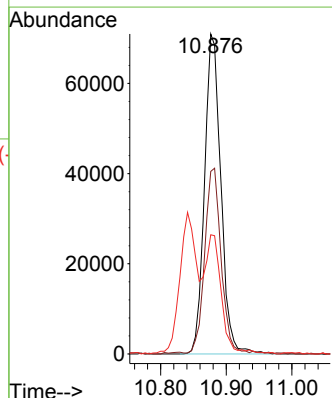
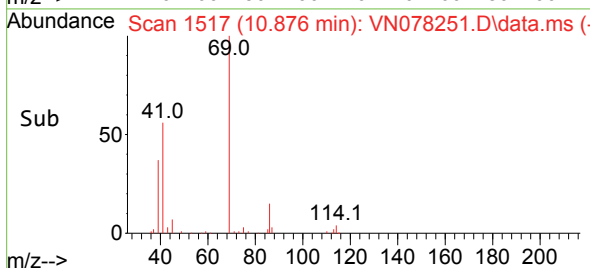
Tgt Ion:	97	Resp:	92456
Ion	Ratio	Lower	Upper
97	100		
83	80.3	65.1	97.7
85	55.3	43.4	65.2
99	60.0	49.2	73.8

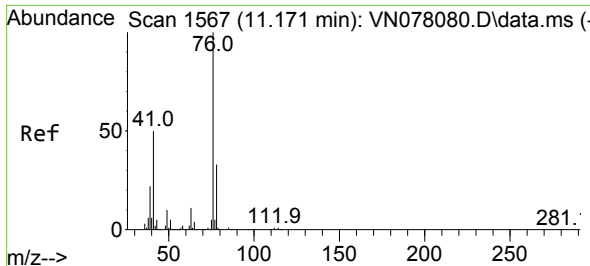


#56
Ethyl methacrylate
Concen: 17.800 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18



Tgt Ion:	69	Resp:	123348
Ion	Ratio	Lower	Upper
69	100		
41	58.9	39.6	59.4
39	34.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.794 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

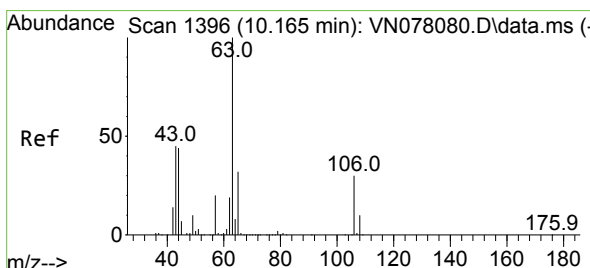
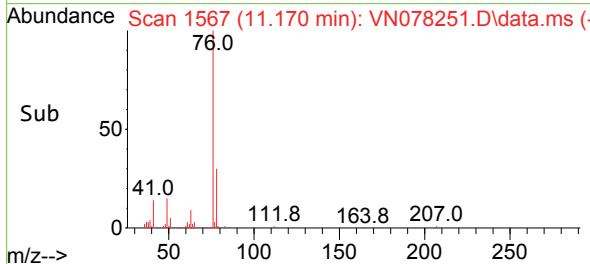
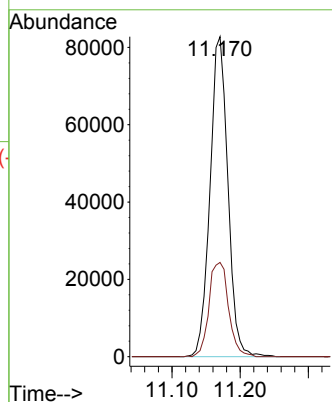
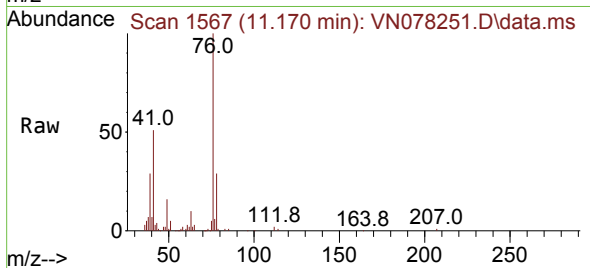
ClientSampleId :

Tgt Ion: 76 Resp: 150971

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 79.959 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078251.D

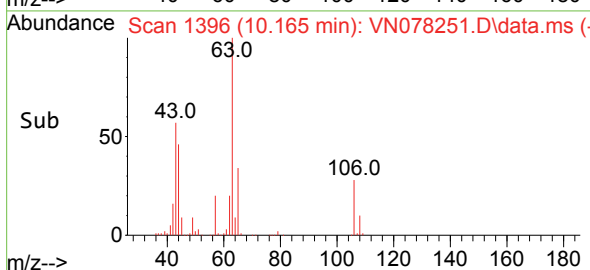
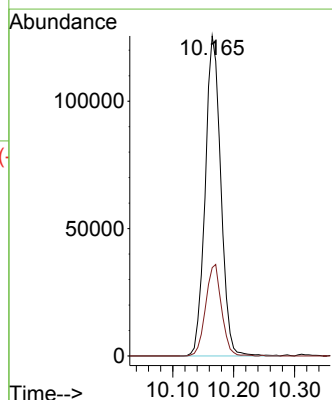
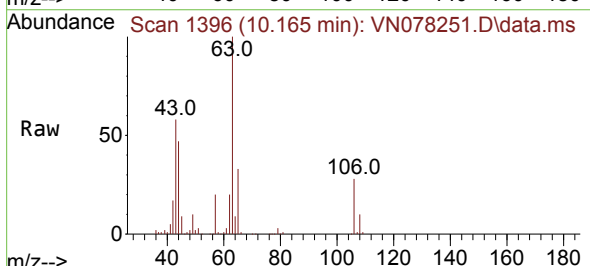
Acq: 16 Jun 2023 11:18

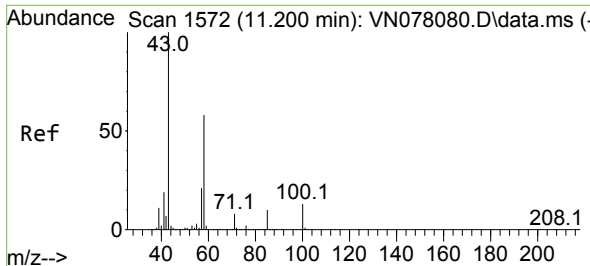
Tgt Ion: 63 Resp: 223830

Ion Ratio Lower Upper

63 100

106 29.0 26.2 39.4

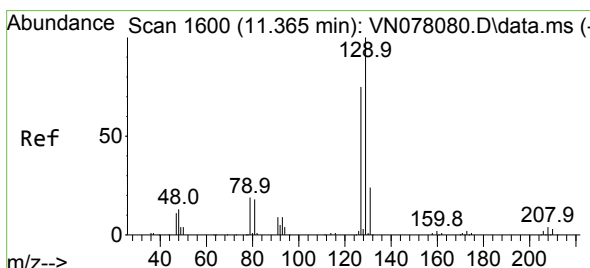
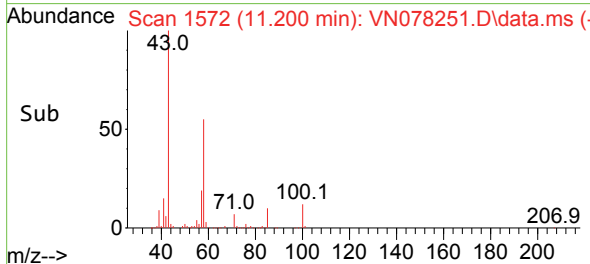
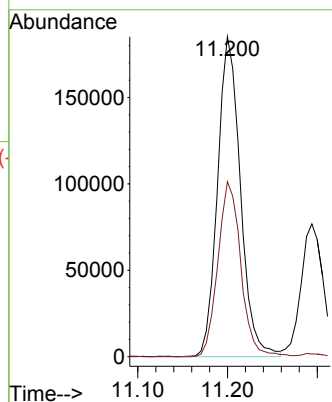
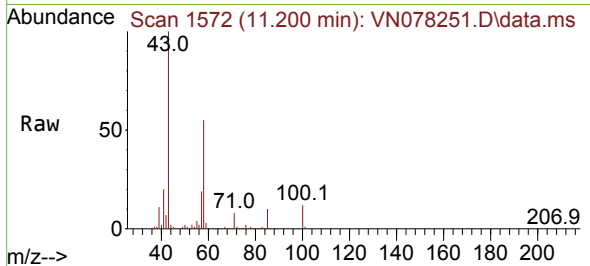




#59
2-Hexanone
Concen: 89.598 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

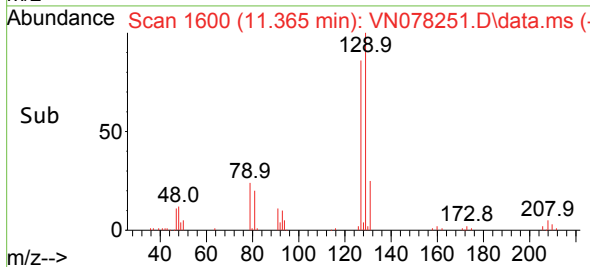
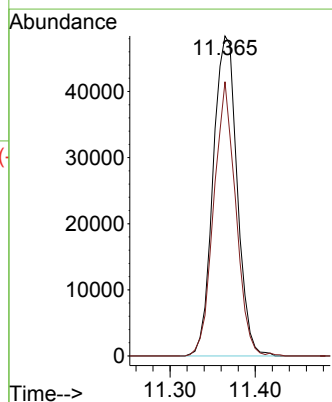
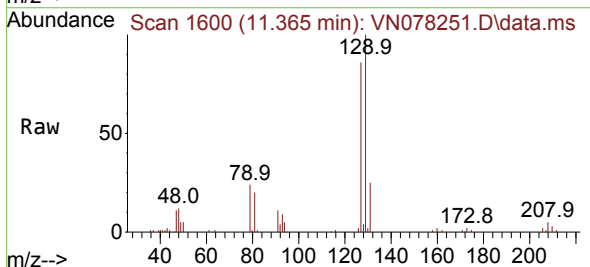
Instrument :
MSVOA_N
ClientSampleId :

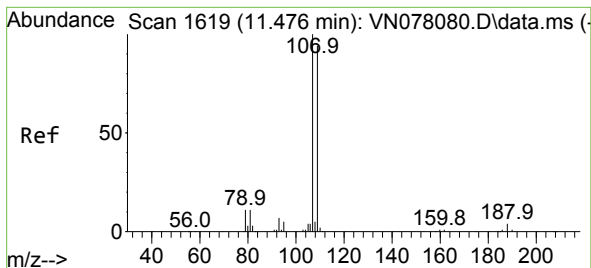
Tgt Ion: 43 Resp: 327582
Ion Ratio Lower Upper
43 100
58 54.9 31.7 95.1



#60
Dibromochloromethane
Concen: 18.220 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion:129 Resp: 94883
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0

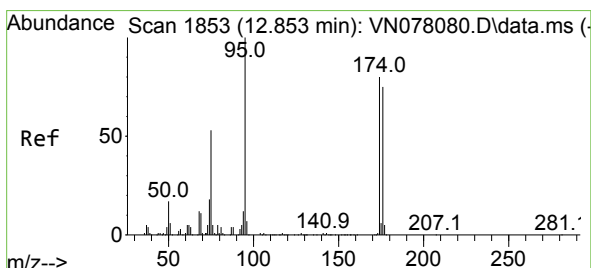
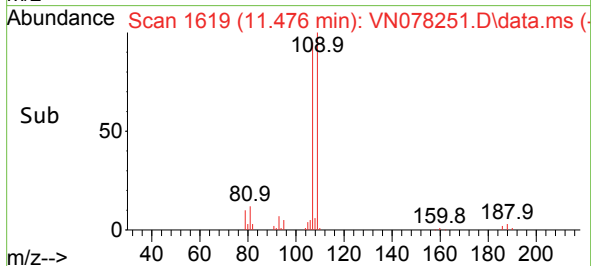
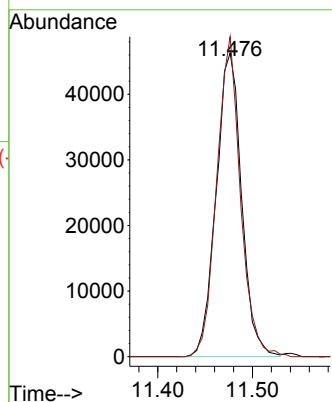
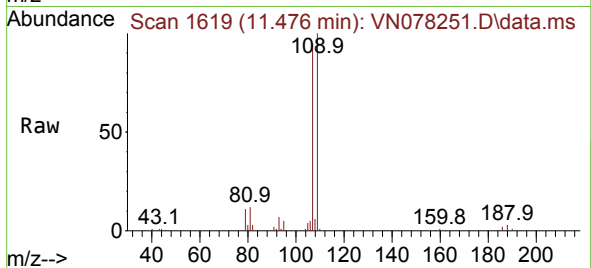




#61
1,2-Dibromoethane
Concen: 17.251 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

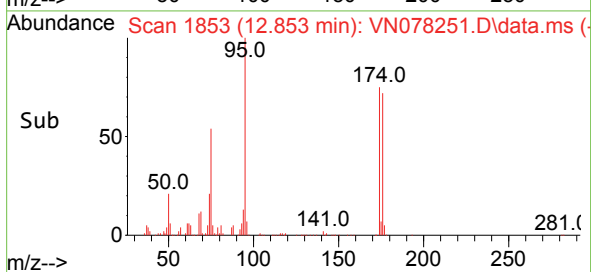
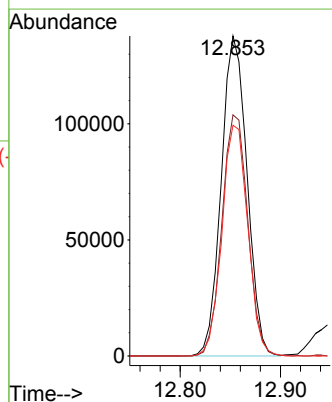
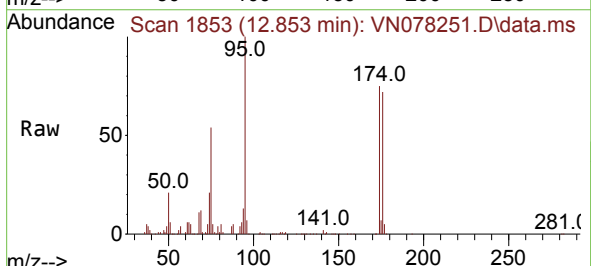
Instrument :
MSVOA_N
ClientSampleId :

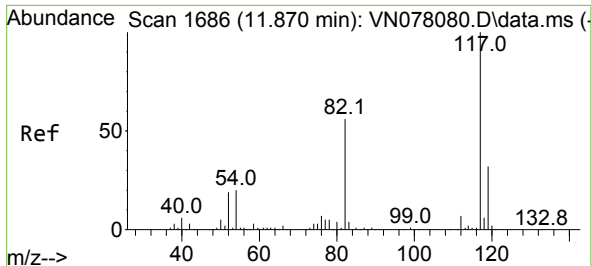
Tgt Ion:107 Resp: 86154
Ion Ratio Lower Upper
107 100
109 98.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 44.047 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 95 Resp: 245628
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 72.3 0.0 135.8

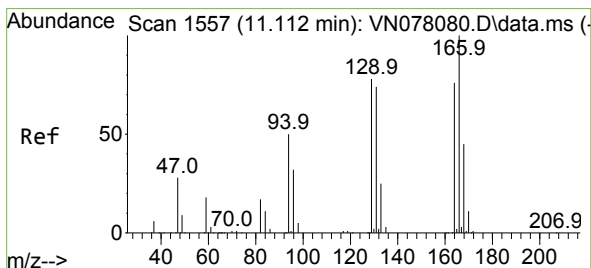
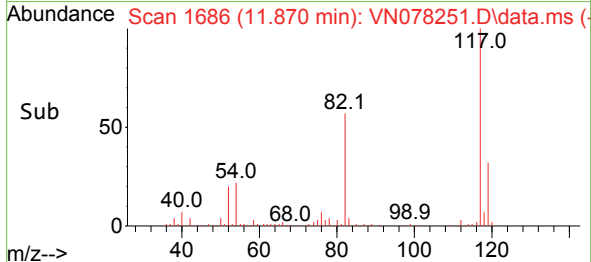
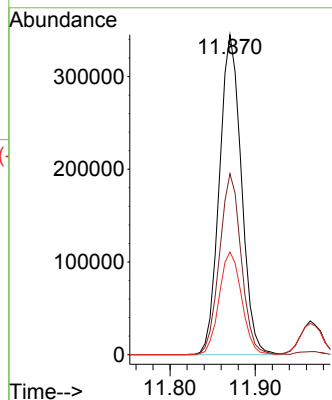
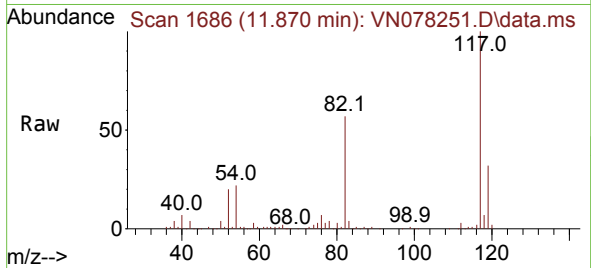




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

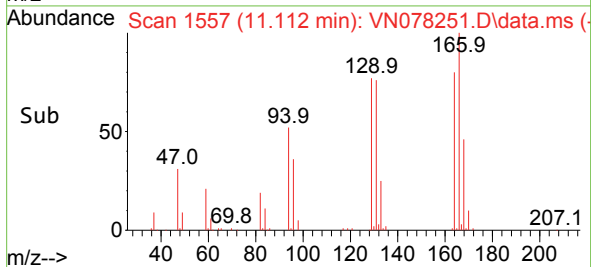
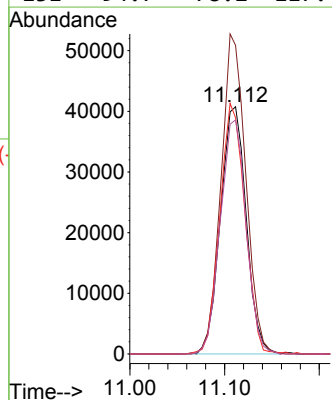
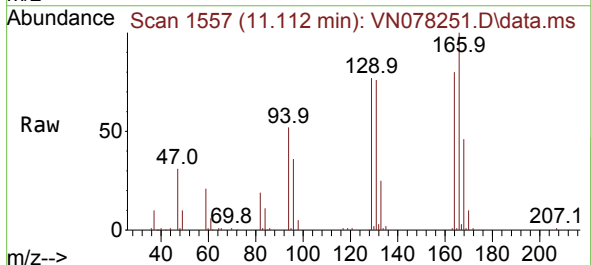
Instrument :
MSVOA_N
ClientSampleId :

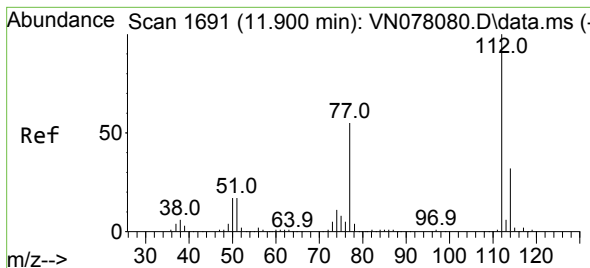
Tgt Ion:117 Resp: 618551
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 18.603 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion:164 Resp: 76767
Ion Ratio Lower Upper
164 100
166 124.8 101.4 152.0
129 95.6 82.4 123.6
131 94.7 78.2 117.4

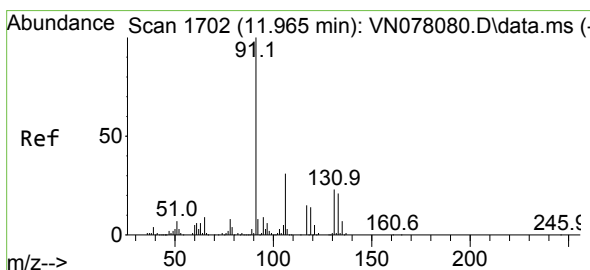
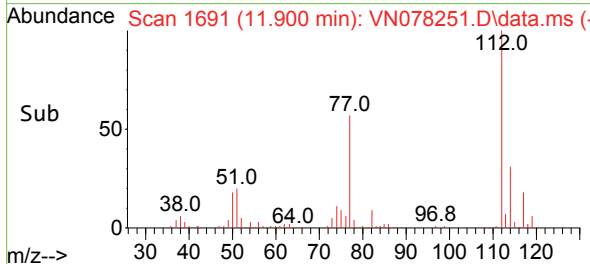
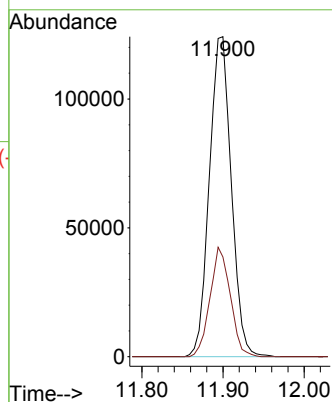
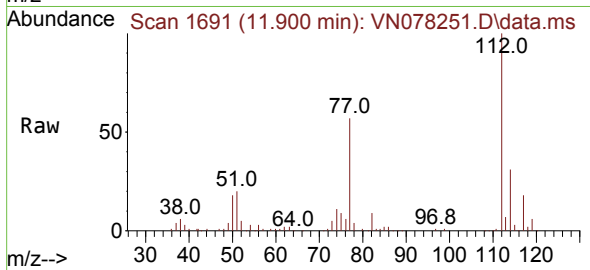




#65
Chlorobenzene
Concen: 17.583 ug/l
RT: 11.900 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

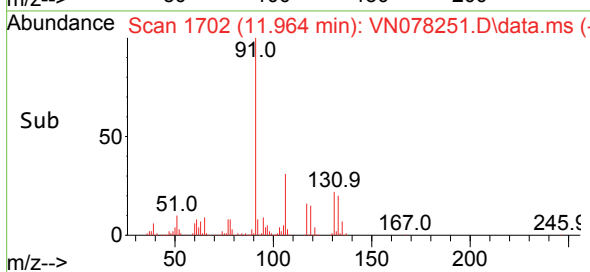
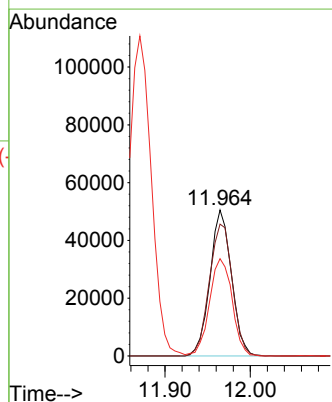
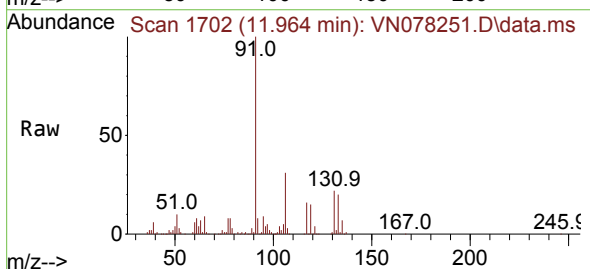
Instrument :
MSVOA_N
ClientSampleId :

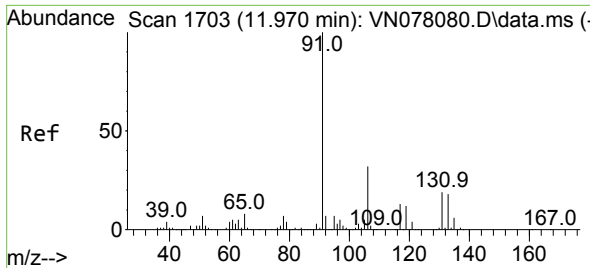
Tgt Ion:112 Resp: 232909
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.160 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion:131 Resp: 88478
Ion Ratio Lower Upper
131 100
133 96.8 46.4 139.1
119 70.0 34.1 102.2

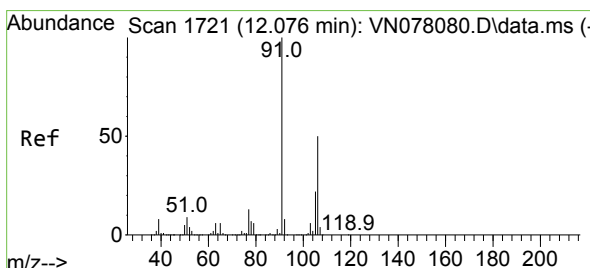
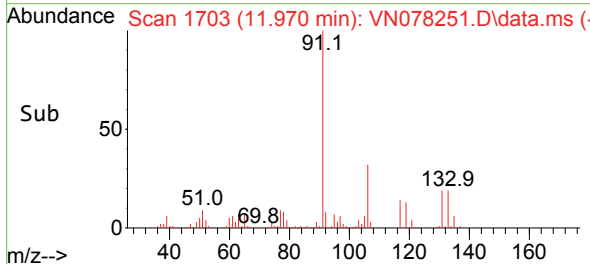
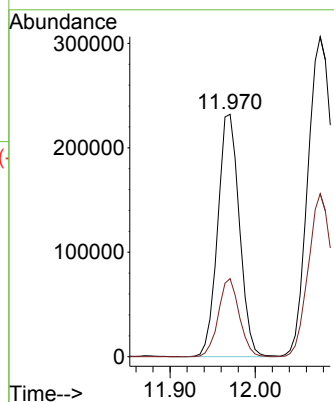
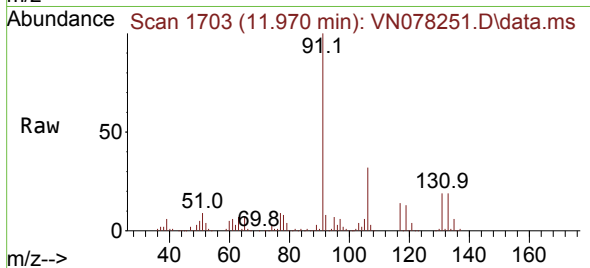




#67
Ethyl Benzene
Concen: 17.940 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

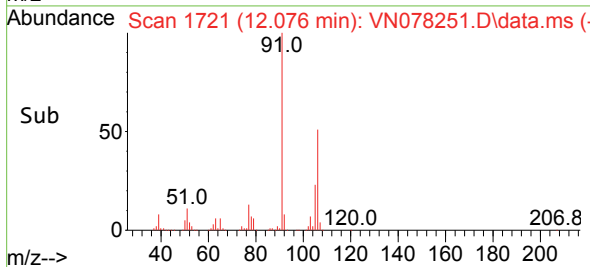
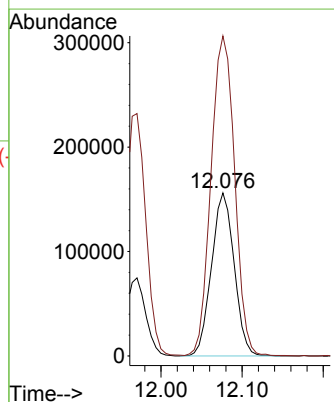
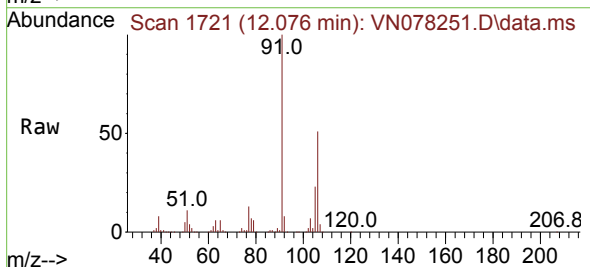
Instrument :
MSVOA_N
ClientSampleId :

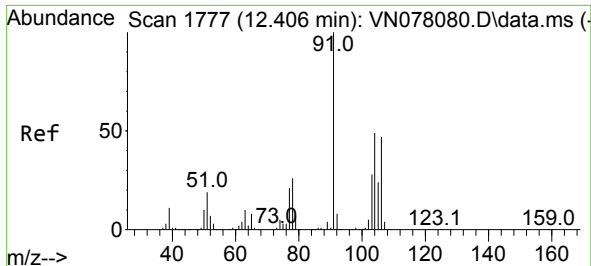
Tgt Ion: 91 Resp: 410060
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 34.792 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion:106 Resp: 303066
Ion Ratio Lower Upper
106 100
91 205.1 159.6 239.4

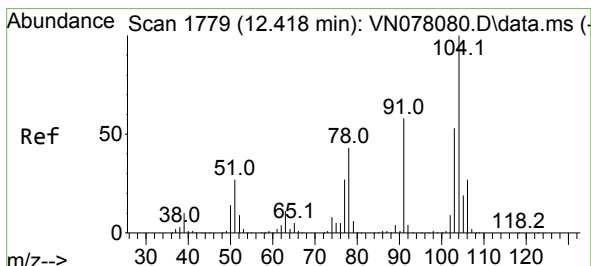
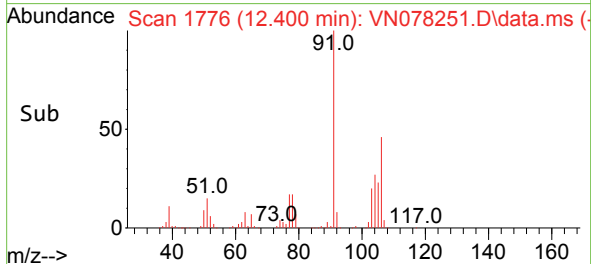
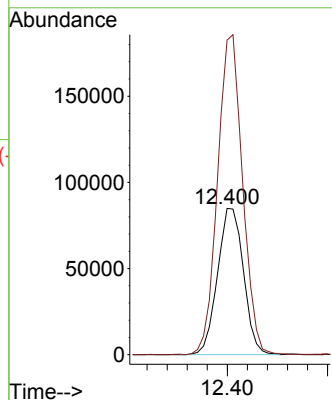
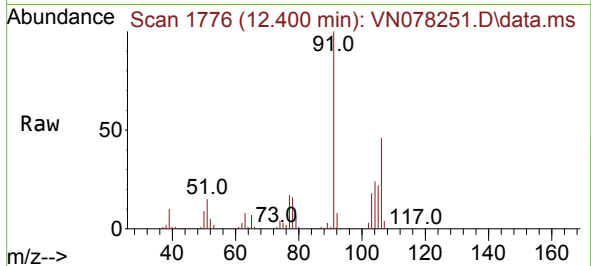




#69
o-Xylene
Concen: 17.801 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

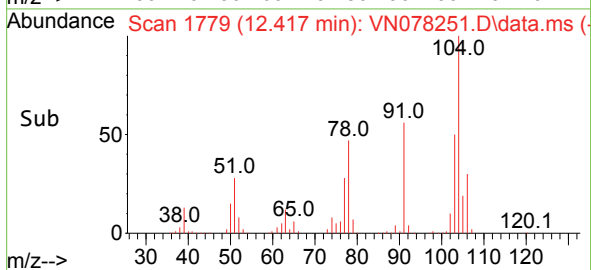
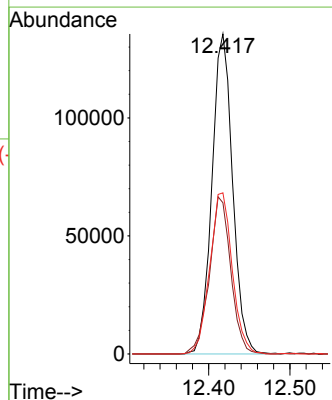
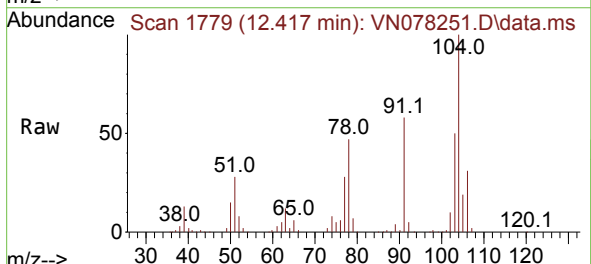
Instrument :
MSVOA_N
ClientSampleId :

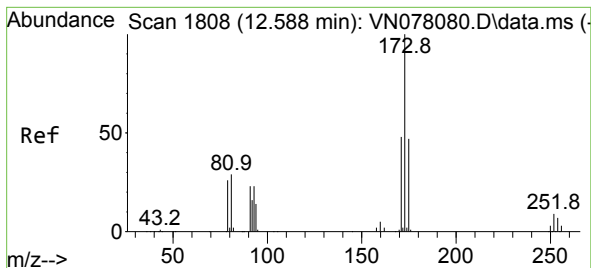
Tgt Ion:106 Resp: 152276
Ion Ratio Lower Upper
106 100
91 211.2 105.2 315.5



#70
Styrene
Concen: 17.822 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion:104 Resp: 240011
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 54.7 43.2 64.8





#71

Bromoform

Concen: 17.573 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078251.D

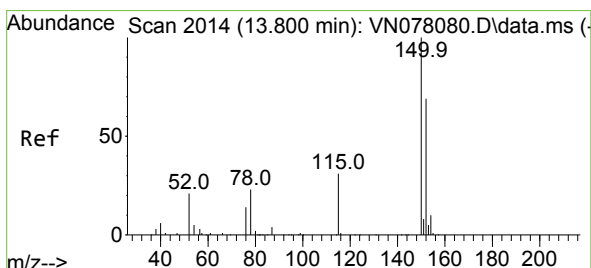
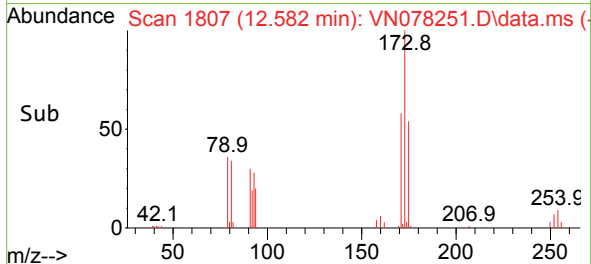
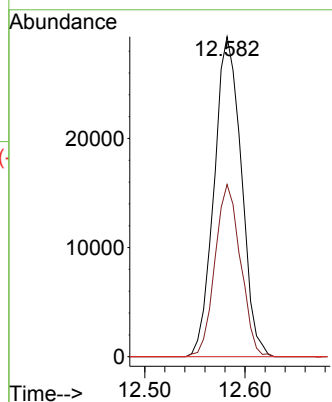
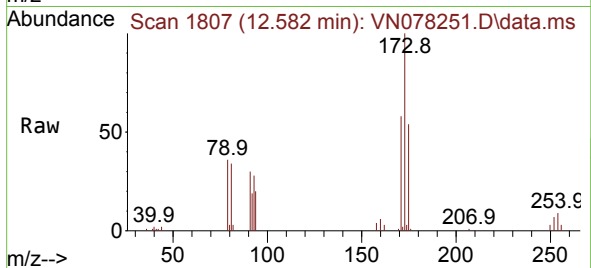
Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	55254
Ion Ratio	Lower	Upper
173	100	
175	50.5	24.3 73.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

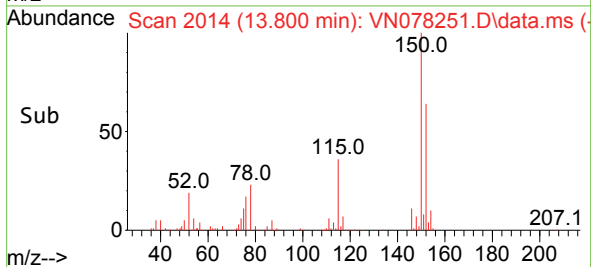
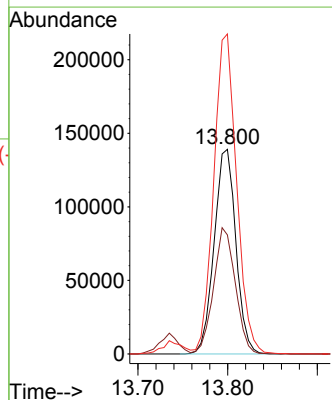
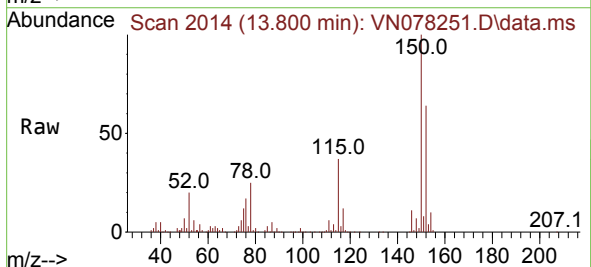
RT: 13.800 min Scan# 2014

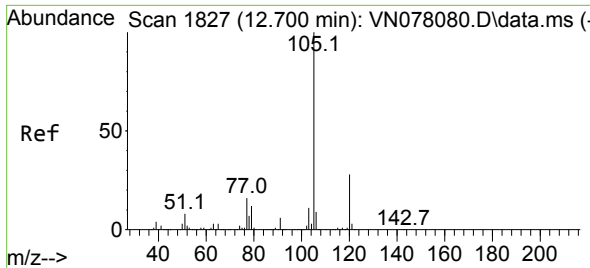
Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

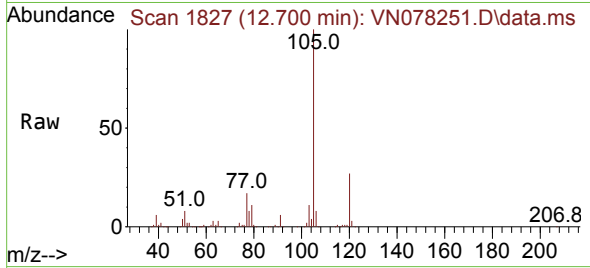
Tgt Ion:152	Resp:	234017
Ion Ratio	Lower	Upper
152	100	
115	62.0	32.3 96.8
150	164.3	0.0 355.8



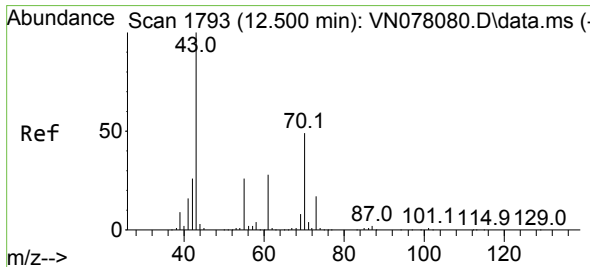
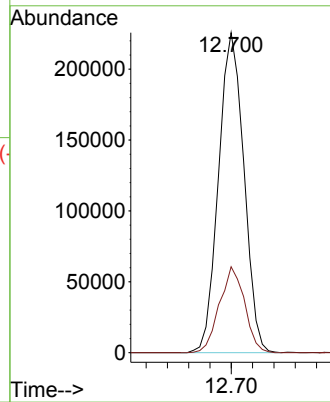
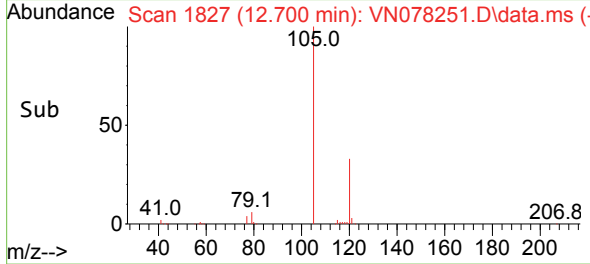


#73
Isopropylbenzene
Concen: 16.852 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

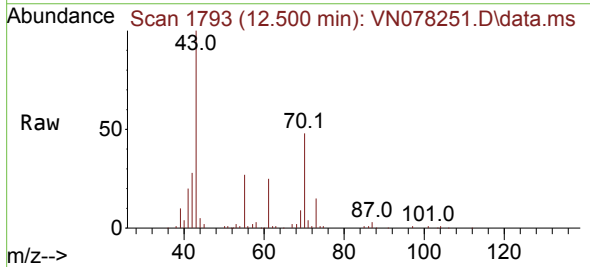
Instrument :
MSVOA_N
ClientSampleId :



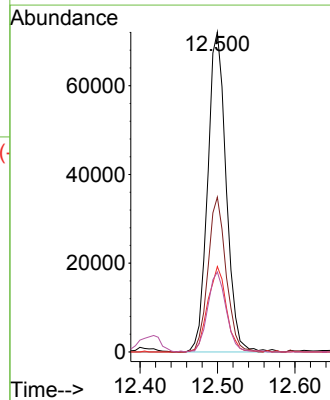
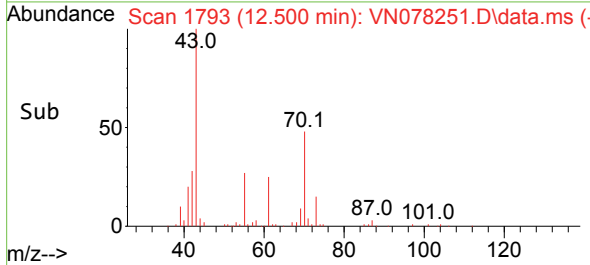
Tgt Ion:105 Resp: 372917
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

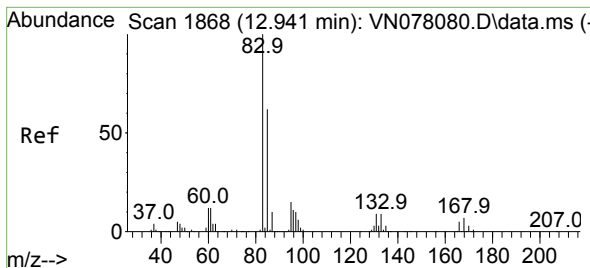


#74
N-ethyl acetate
Concen: 16.435 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18



Tgt Ion: 43 Resp: 119765
Ion Ratio Lower Upper
43 100
70 47.2 43.4 65.2
55 26.8 21.4 32.0
61 25.1 22.8 34.2

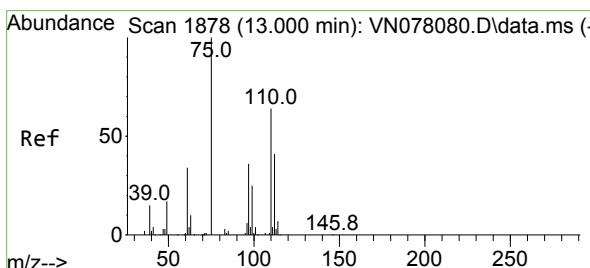
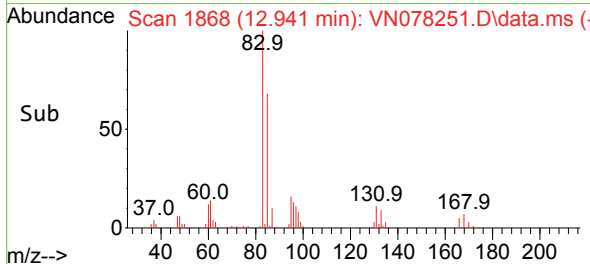
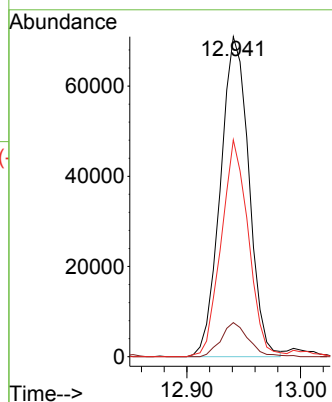
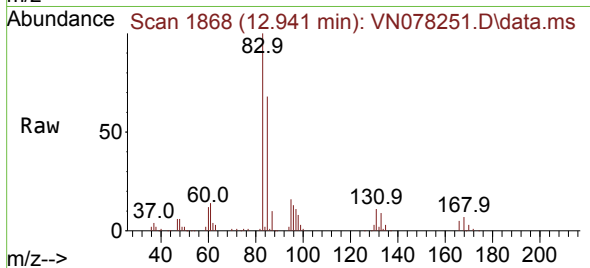




#75
1,1,2-Tetrachloroethane
Concen: 18.784 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

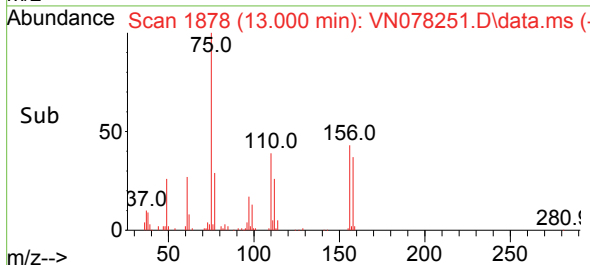
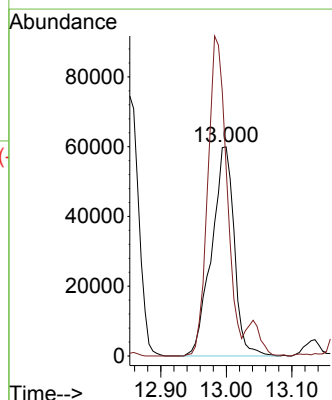
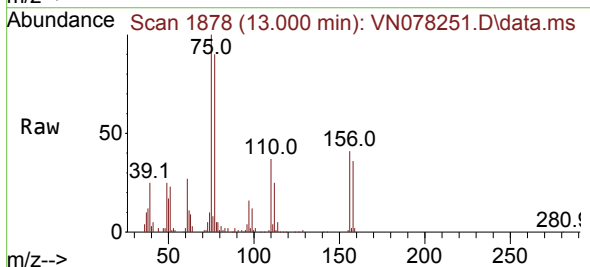
Instrument :
MSVOA_N
ClientSampleId :

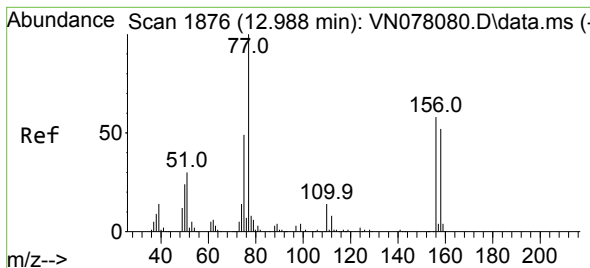
Tgt Ion: 83 Resp: 123628
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 64.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 25.941 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 75 Resp: 143510
Ion Ratio Lower Upper
75 100
77 128.3 84.5 253.5





#77

Bromobenzene

Concen: 16.905 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN078251.D

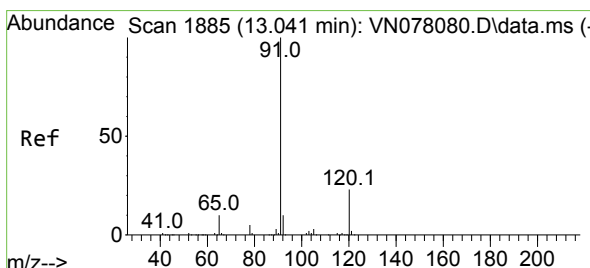
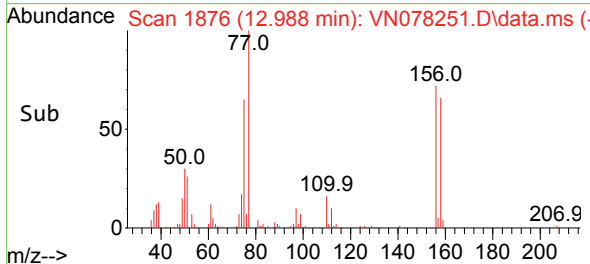
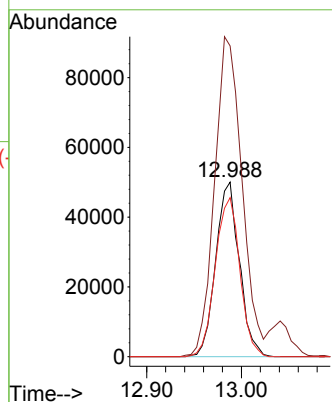
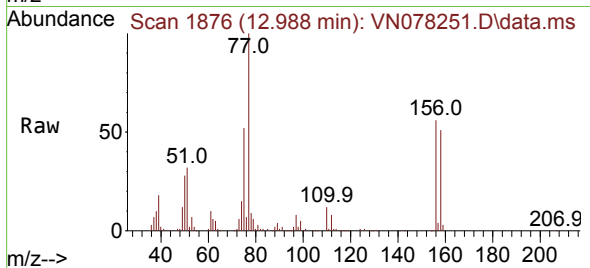
Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	86844
Ion Ratio	Lower	Upper	
156	100		
77	211.9	107.7	323.3
158	94.9	48.4	145.3



#78

n-propylbenzene

Concen: 16.823 ug/l

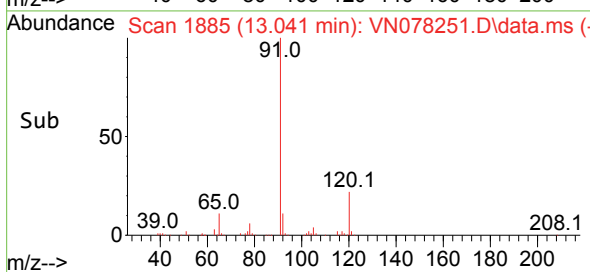
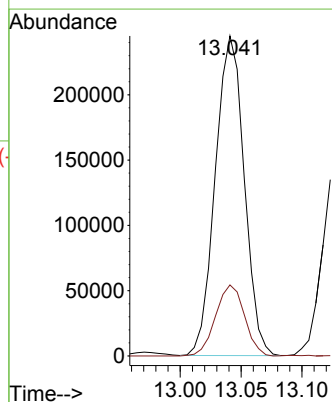
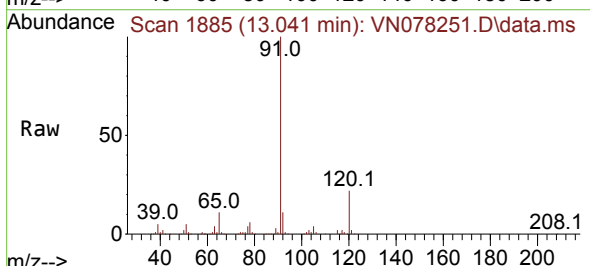
RT: 13.041 min Scan# 1885

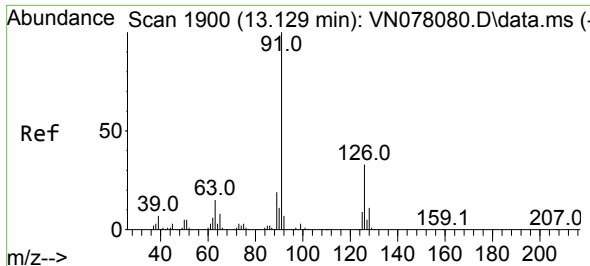
Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Tgt Ion:	91	Resp:	404477
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 17.132 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

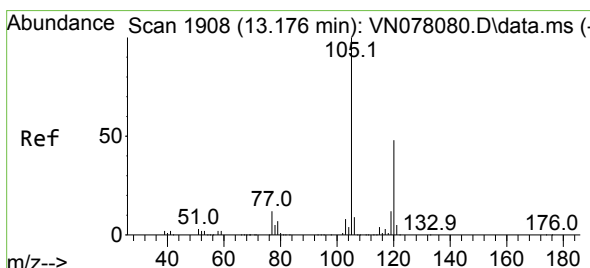
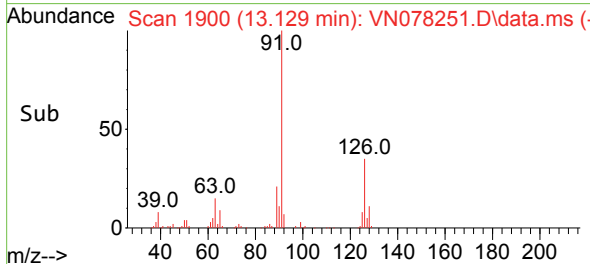
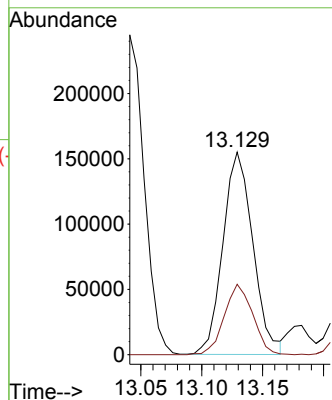
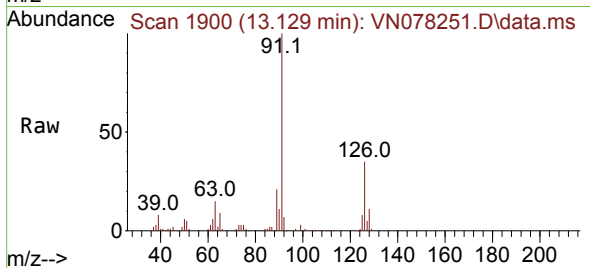
ClientSampleId :

Tgt Ion: 91 Resp: 265884

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 16.979 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN078251.D

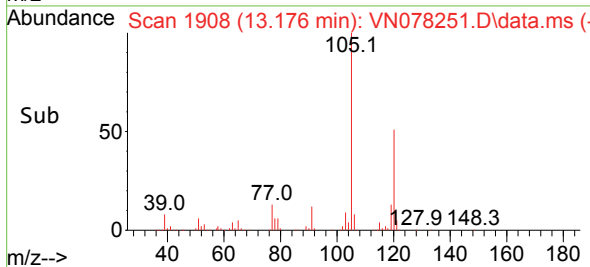
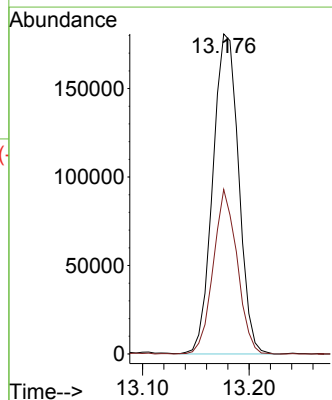
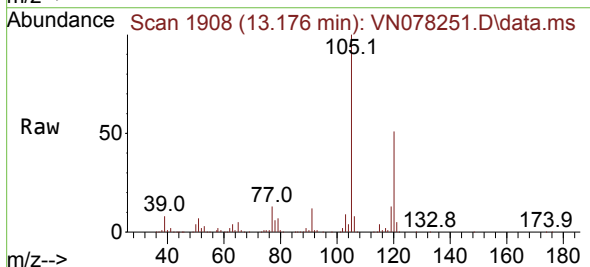
Acq: 16 Jun 2023 11:18

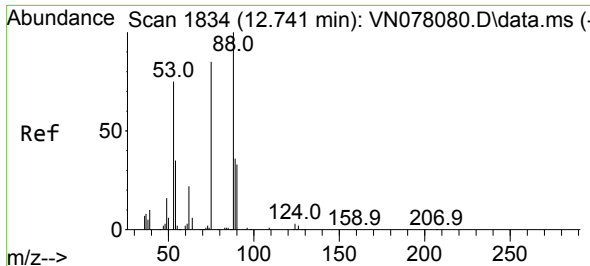
Tgt Ion: 105 Resp: 304208

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3

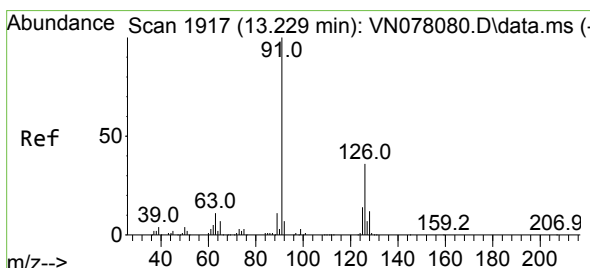
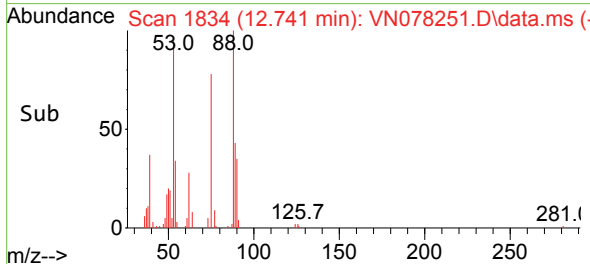
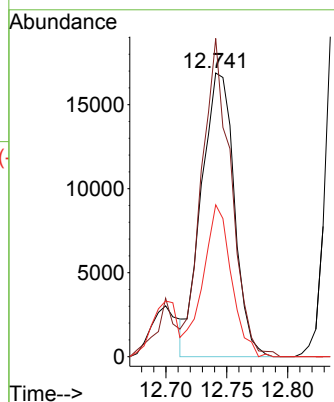
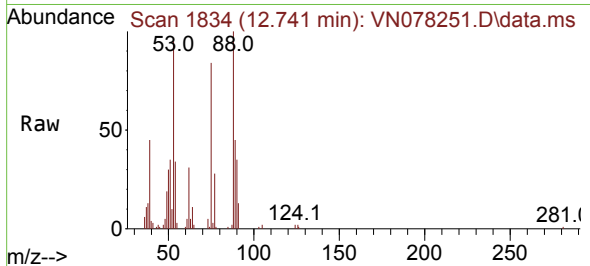




#81
trans-1,4-Dichloro-2-butene
Concen: 17.571 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

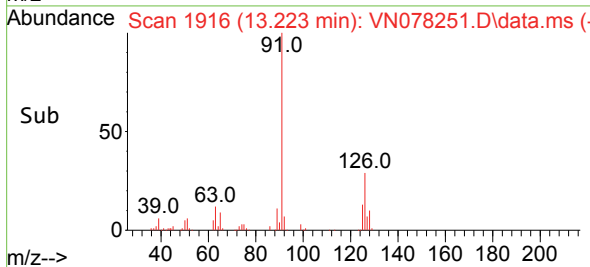
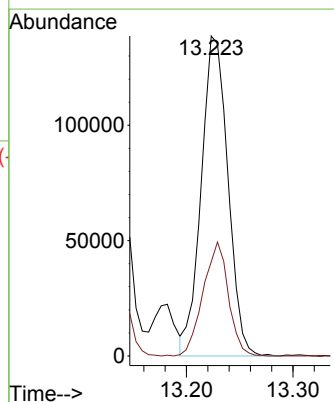
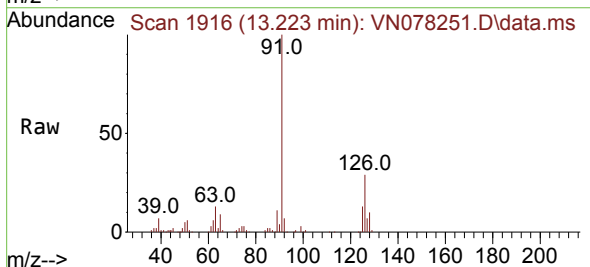
Instrument :
MSVOA_N
ClientSampleId :

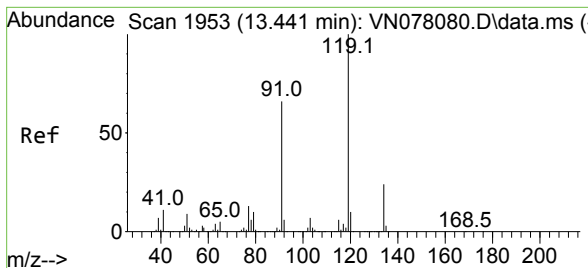
Tgt Ion: 75 Resp: 31639
Ion Ratio Lower Upper
75 100
53 100.0 67.4 101.2
89 46.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 16.718 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 91 Resp: 242159
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 16.166 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

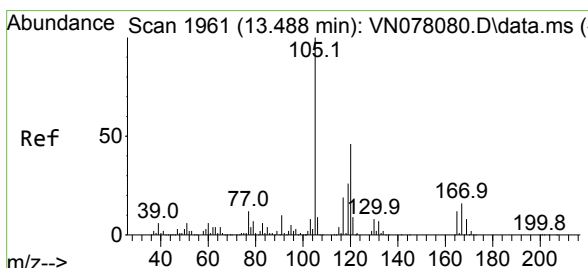
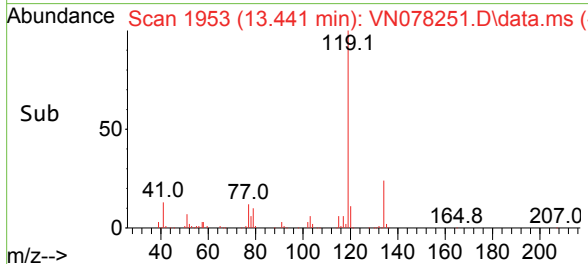
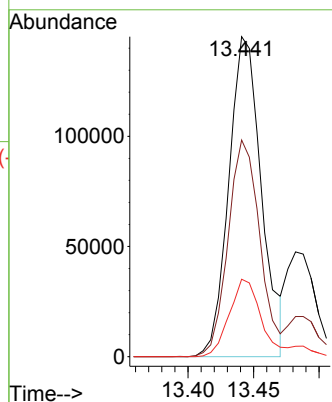
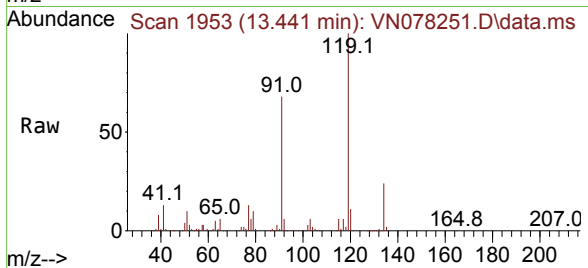
Tgt Ion:119 Resp: 251771

Ion Ratio Lower Upper

119 100

91 65.9 33.9 101.7

134 23.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 17.054 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078251.D

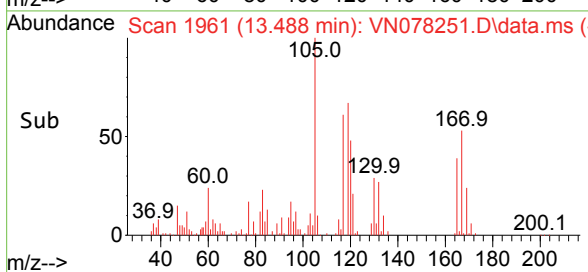
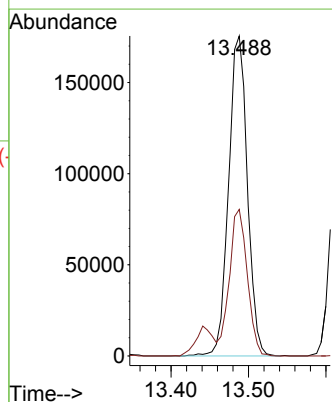
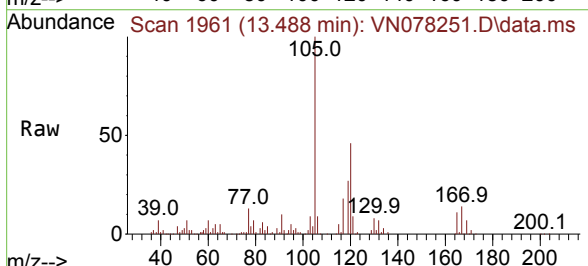
Acq: 16 Jun 2023 11:18

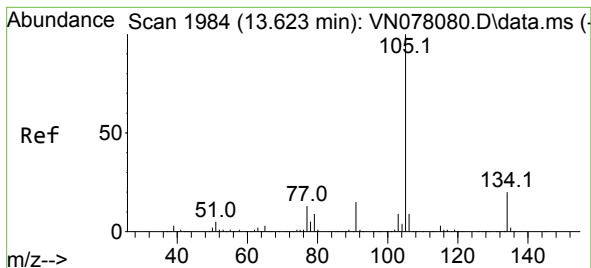
Tgt Ion:105 Resp: 296236

Ion Ratio Lower Upper

105 100

120 44.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 15.634 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

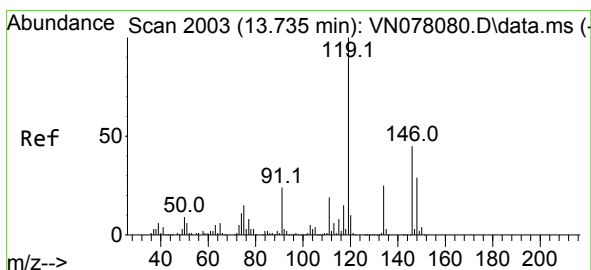
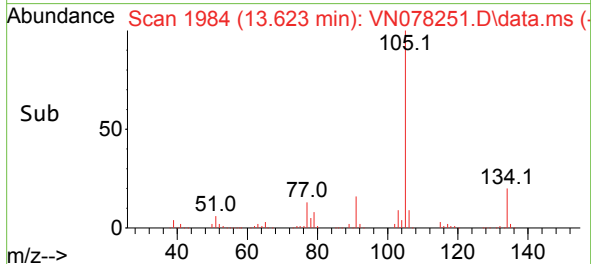
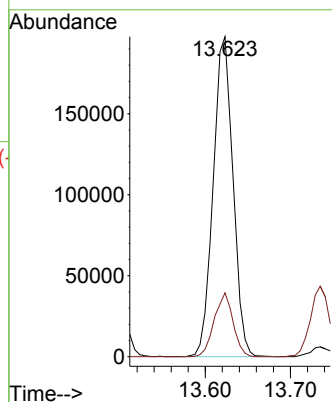
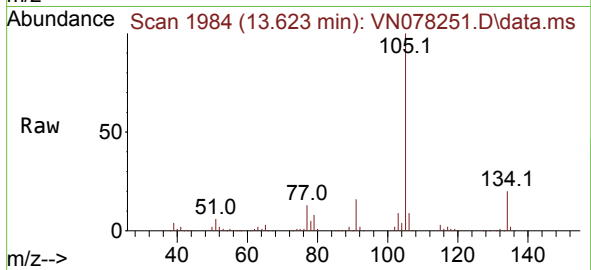
ClientSampleId :

Tgt Ion:105 Resp: 318685

Ion Ratio Lower Upper

105 100

134 19.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 15.531 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

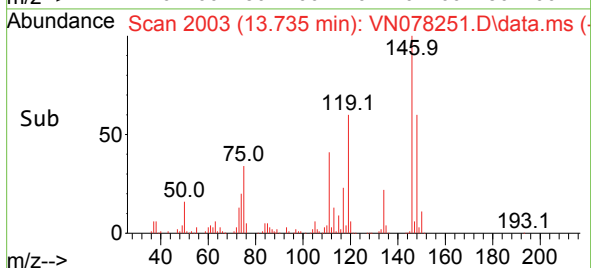
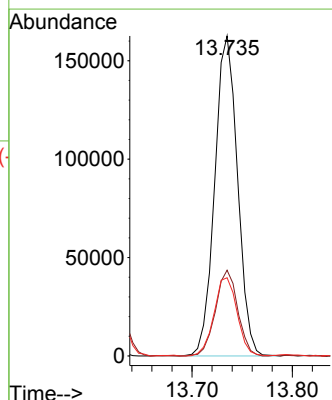
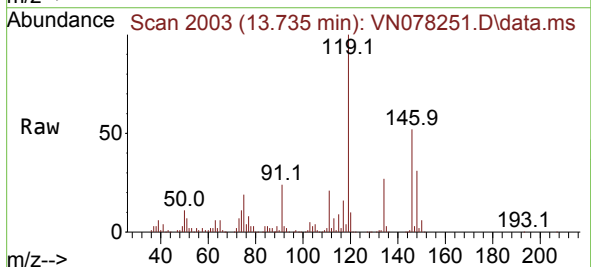
Tgt Ion:119 Resp: 256916

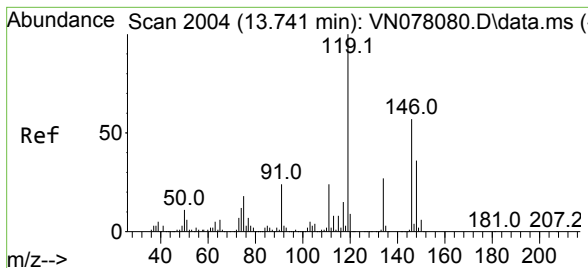
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 24.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.676 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

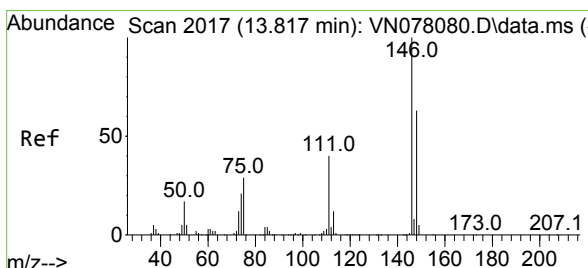
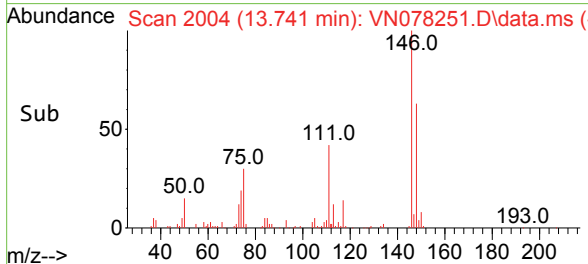
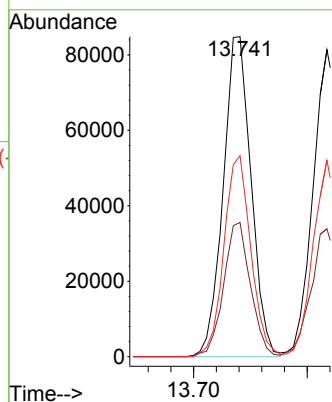
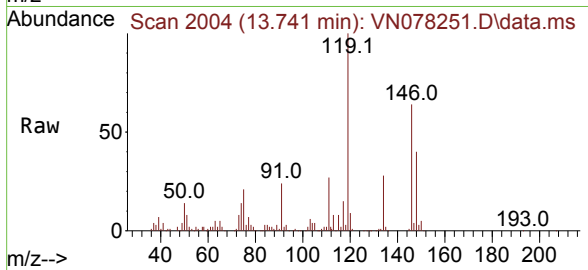
Tgt Ion:146 Resp: 144905

Ion Ratio Lower Upper

146 100

111 40.4 22.1 66.3

148 60.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 16.532 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

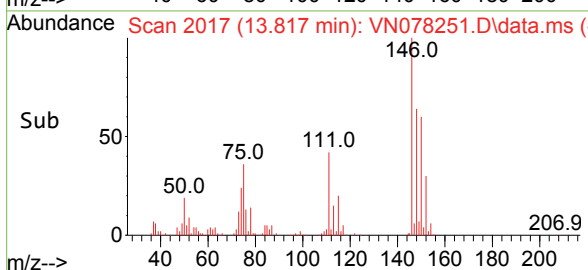
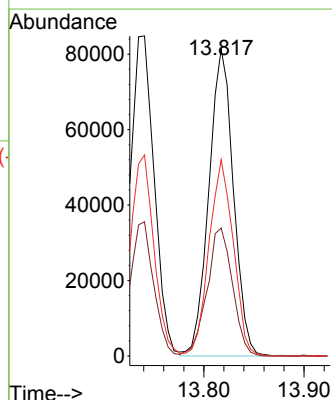
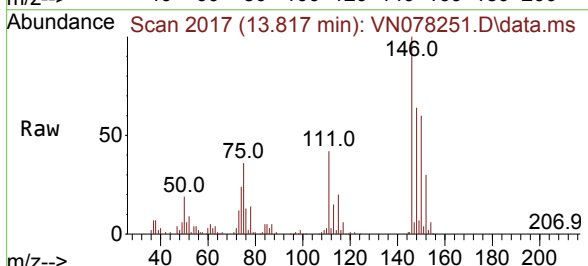
Tgt Ion:146 Resp: 138616

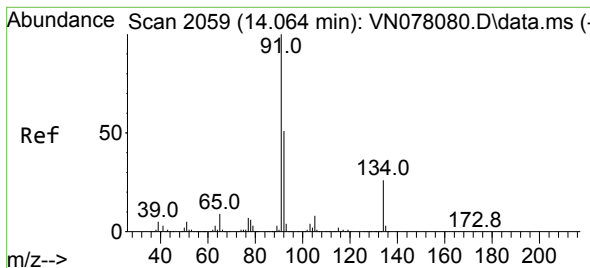
Ion Ratio Lower Upper

146 100

111 43.2 20.6 61.8

148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 14.469 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

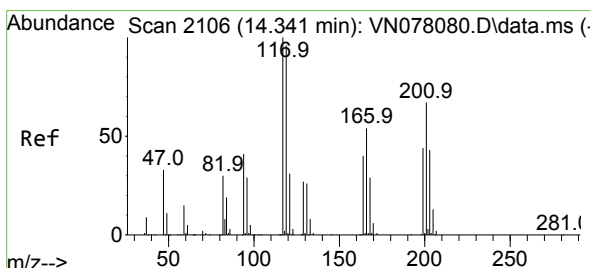
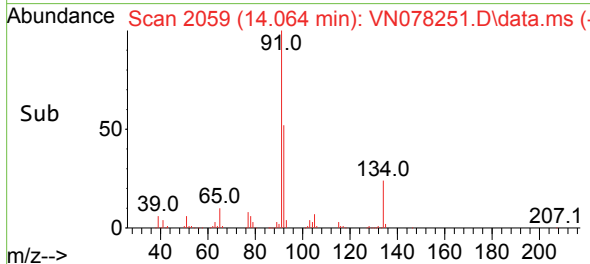
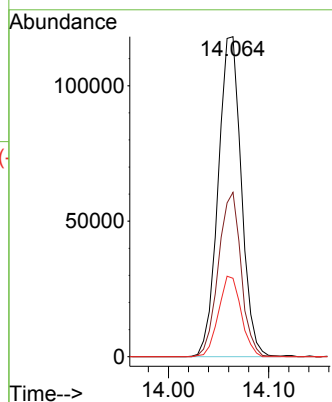
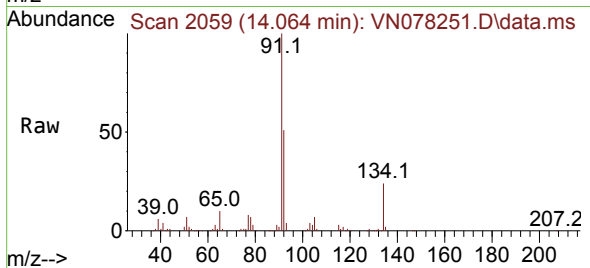
Tgt Ion: 91 Resp: 188783

Ion Ratio Lower Upper

91 100

92 50.3 26.4 79.0

134 24.6 12.6 37.6



#90

Hexachloroethane

Concen: 16.627 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078251.D

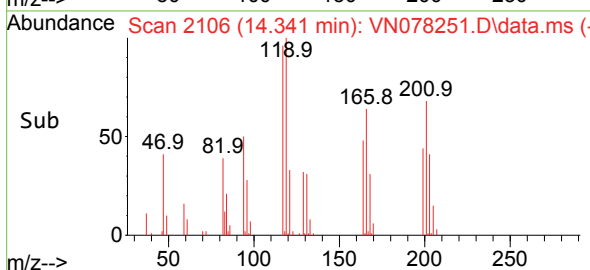
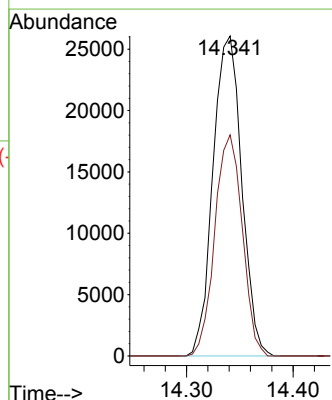
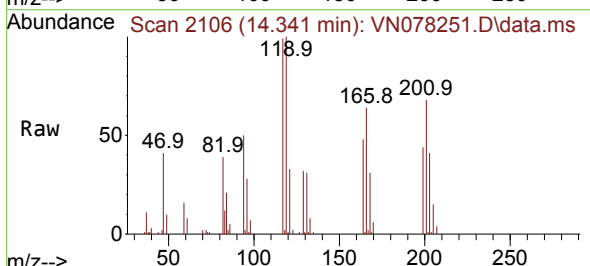
Acq: 16 Jun 2023 11:18

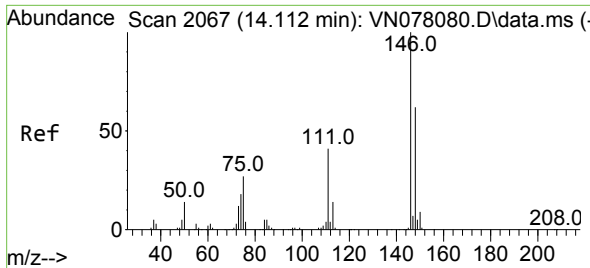
Tgt Ion: 117 Resp: 48810

Ion Ratio Lower Upper

117 100

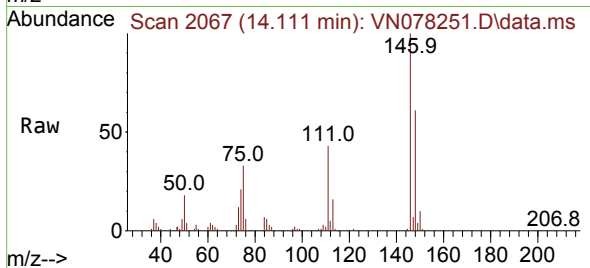
201 66.0 29.3 88.0



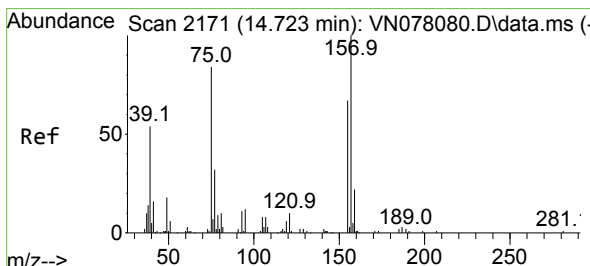
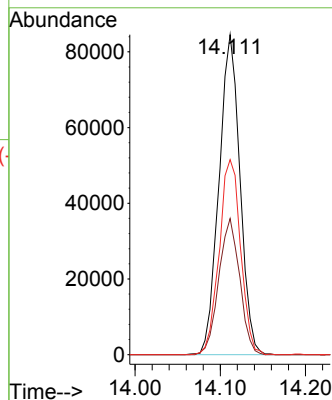
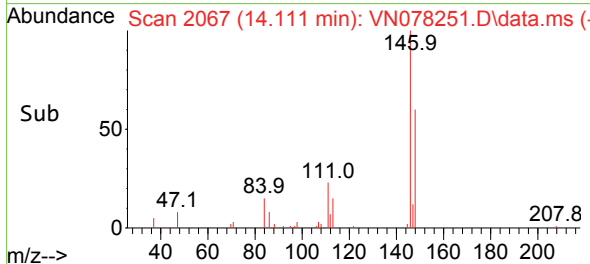


#91
1,2-Dichlorobenzene
Concen: 16.990 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Instrument :
MSVOA_N
ClientSampleId :

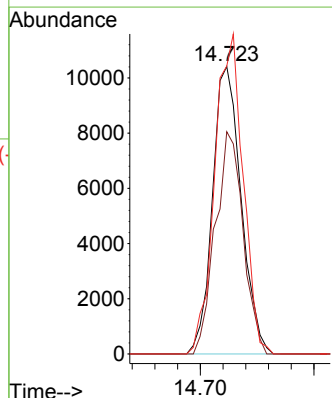
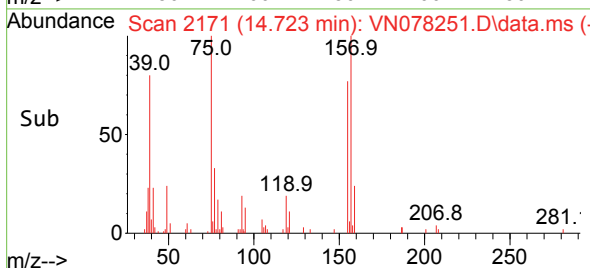
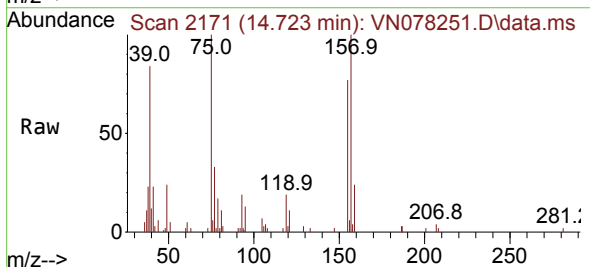


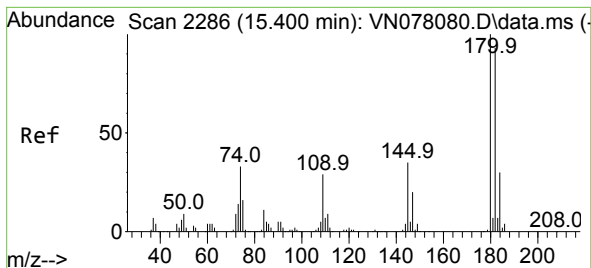
Tgt Ion:146 Resp: 144289
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 62.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.588 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 75 Resp: 18182
Ion Ratio Lower Upper
75 100
155 75.3 39.1 117.2
157 110.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 12.704 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

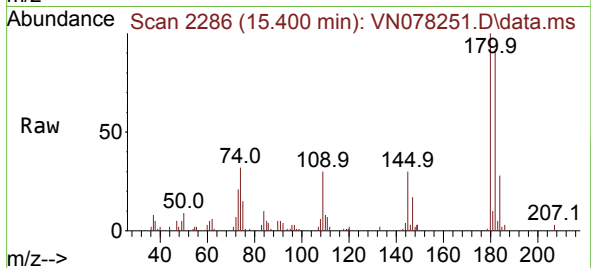
Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :



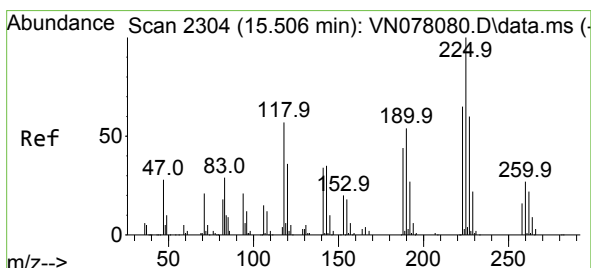
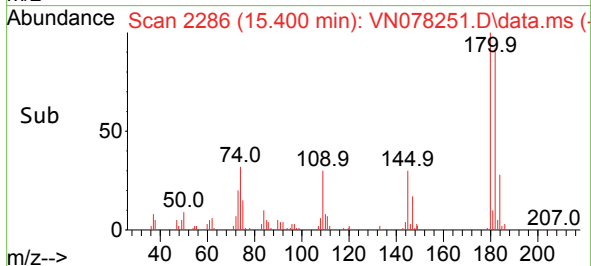
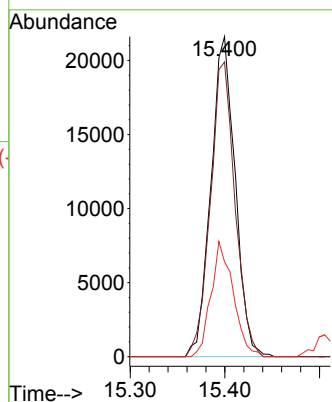
Tgt Ion:180 Resp: 38441

Ion Ratio Lower Upper

180 100

182 93.5 46.1 138.2

145 33.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 13.422 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078251.D

Acq: 16 Jun 2023 11:18

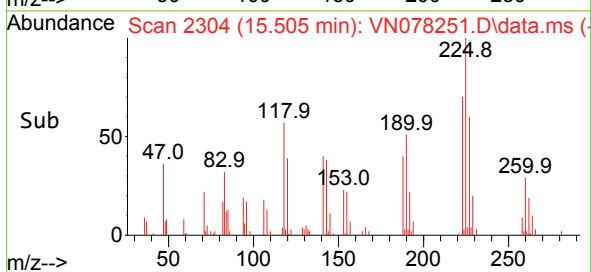
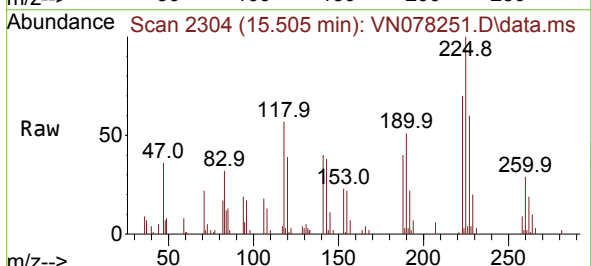
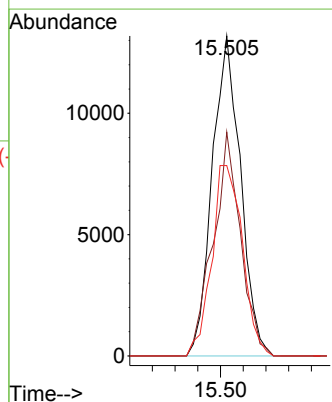
Tgt Ion:225 Resp: 22813

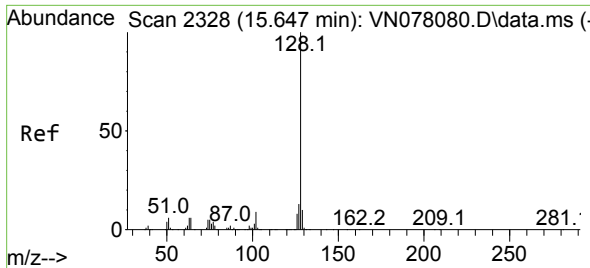
Ion Ratio Lower Upper

225 100

223 67.7 31.3 93.8

227 64.5 31.9 95.9

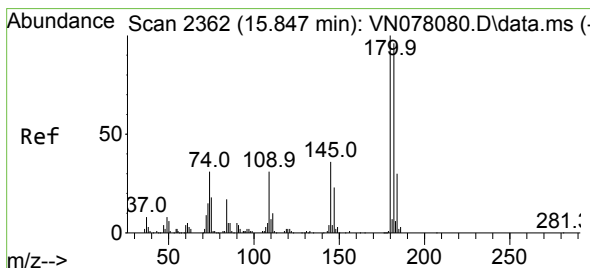
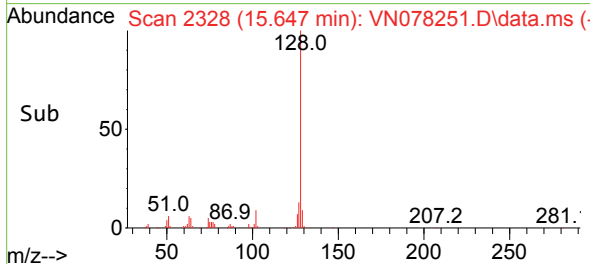
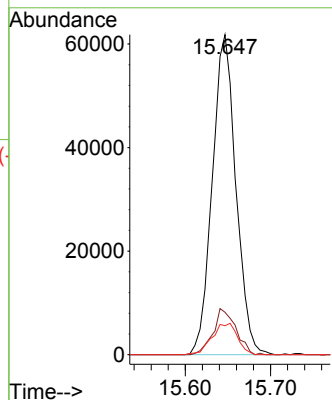
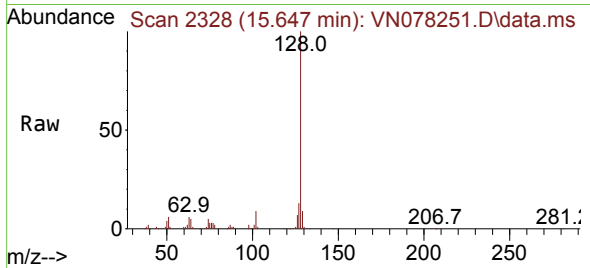




#95
Naphthalene
Concen: 11.678 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 118863
Ion Ratio Lower Upper
128 100
127 13.9 10.0 15.0
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 13.911 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078251.D
Acq: 16 Jun 2023 11:18

Tgt Ion:180 Resp: 47075
Ion Ratio Lower Upper
180 100
182 89.5 46.2 138.6
145 33.3 17.5 52.6

