

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076350.D
 Acq On : 20 Jan 2023 16:54
 Operator : JC\MD
 Sample : VN0120MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

Quant Time: Jan 20 22:18:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	333438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	478705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222426	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	196594	52.657	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.320%	
35) Dibromofluoromethane	8.177	113	176370	52.738	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.480%	
50) Toluene-d8	10.571	98	632665	51.225	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.847	95	214729	53.257	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.520%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	66052	19.331	ug/l	96
3) Chloromethane	2.377	50	66311	18.744	ug/l	94
4) Vinyl Chloride	2.530	62	86339	19.903	ug/l	99
5) Bromomethane	2.971	94	74209	20.890	ug/l	99
6) Chloroethane	3.136	64	63573	19.544	ug/l	97
7) Trichlorofluoromethane	3.512	101	115629	19.375	ug/l	96
8) Diethyl Ether	3.977	74	42100	21.032	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	66640	19.725	ug/l	99
10) Methyl Iodide	4.606	142	102847	19.929	ug/l	99
11) Tert butyl alcohol	5.536	59	51346	102.821	ug/l	100
12) 1,1-Dichloroethene	4.359	96	60935	19.080	ug/l	82
13) Acrolein	4.195	56	59447	99.542	ug/l	99
14) Allyl chloride	5.042	41	78975	21.220	ug/l	91
15) Acrylonitrile	5.736	53	145757	102.569	ug/l	99
16) Acetone	4.448	43	121851	101.768	ug/l	100
17) Carbon Disulfide	4.724	76	137235	17.258	ug/l #	94
18) Methyl Acetate	5.042	43	79552	19.613	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	225063	21.646	ug/l	99
20) Methylene Chloride	5.289	84	82668	23.018	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	66025	19.083	ug/l	94
22) Diisopropyl ether	6.683	45	186961	21.301	ug/l	96
23) Vinyl Acetate	6.618	43	608983	107.357	ug/l	100
24) 1,1-Dichloroethane	6.583	63	115982	19.824	ug/l	97
25) 2-Butanone	7.494	43	183094	100.165	ug/l	98
26) 2,2-Dichloropropane	7.500	77	102480	20.783	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	80503	19.949	ug/l	99
28) Bromochloromethane	7.818	49	49185	20.741	ug/l	99
29) Tetrahydrofuran	7.841	42	120506	106.816	ug/l	99
30) Chloroform	7.971	83	134511	20.778	ug/l	96
31) Cyclohexane	8.265	56	103455	18.039	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	119941	20.293	ug/l	93
36) 1,1-Dichloropropene	8.377	75	91966	19.353	ug/l	100
37) Ethyl Acetate	7.571	43	76425	20.072	ug/l	99
38) Carbon Tetrachloride	8.371	117	104583	19.735	ug/l	99
39) Methylcyclohexane	9.606	83	112573	19.398	ug/l	99
40) Benzene	8.612	78	286648	20.173	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	40114	20.100	ug/l	95
42) 1,2-Dichloroethane	8.677	62	101132	20.801	ug/l	98
43) Isopropyl Acetate	8.694	43	130327	21.018	ug/l	99
44) Trichloroethene	9.353	130	77967	19.400	ug/l	97
45) 1,2-Dichloropropane	9.624	63	68327	20.084	ug/l	100
46) Dibromomethane	9.712	93	52892	20.592	ug/l	98
47) Bromodichloromethane	9.888	83	104462	20.968	ug/l	96
48) Methyl methacrylate	9.683	41	61166	20.836	ug/l	99
49) 1,4-Dioxane	9.700	88	25915	418.375	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	394109	108.269	ug/l	99
52) Toluene	10.630	92	190642	20.062	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	101962	21.469	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	112554	20.600	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	77021	21.205	ug/l	97
56) Ethyl methacrylate	10.877	69	105895	22.583	ug/l	100
57) 1,3-Dichloropropane	11.165	76	124809	21.145	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	130171	82.228	ug/l	100
59) 2-Hexanone	11.200	43	279999	106.148	ug/l	100
60) Dibromochloromethane	11.359	129	85841	22.451	ug/l	98
61) 1,2-Dibromoethane	11.471	107	77070	21.258	ug/l	99
64) Tetrachloroethene	11.106	164	84796	19.642	ug/l	98
65) Chlorobenzene	11.894	112	206283	20.385	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	76228	20.247	ug/l	99
67) Ethyl Benzene	11.965	91	362819	20.949	ug/l	99
68) m/p-Xylenes	12.076	106	285736	41.145	ug/l	100
69) o-Xylene	12.400	106	143859	21.094	ug/l	100
70) Styrene	12.412	104	225440	20.703	ug/l	98
71) Bromoform	12.582	173	57949	21.313	ug/l #	100
73) Isopropylbenzene	12.700	105	366283	21.287	ug/l	100
74) N-amyl acetate	12.494	43	104048	21.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	103502	20.924	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	126211	30.783	ug/l	84
77) Bromobenzene	12.982	156	87678	21.474	ug/l	100
78) n-propylbenzene	13.035	91	411895	21.215	ug/l	99
79) 2-Chlorotoluene	13.123	91	245242	20.585	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	313485	21.747	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	27340	20.451	ug/l #	86
82) 4-Chlorotoluene	13.123	91	245242	20.585	ug/l	99
83) tert-Butylbenzene	13.441	119	281161	21.930	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	309247	21.394	ug/l	99
85) sec-Butylbenzene	13.618	105	379791	21.348	ug/l	100
86) p-Isopropyltoluene	13.729	119	316110	21.608	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	160490	19.789	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	158248	20.572	ug/l	99
89) n-Butylbenzene	14.059	91	242771	20.905	ug/l	100
90) Hexachloroethane	14.335	117	51863	20.541	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	158361	19.605	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16414	19.090	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	72211	19.323	ug/l	98
94) Hexachlorobutadiene	15.506	225	39731	18.535	ug/l	98
95) Naphthalene	15.641	128	210583	19.390	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	69703	19.457	ug/l	97

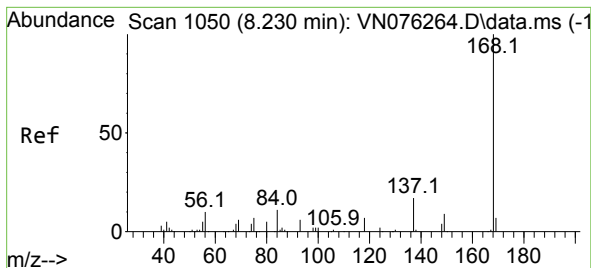
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

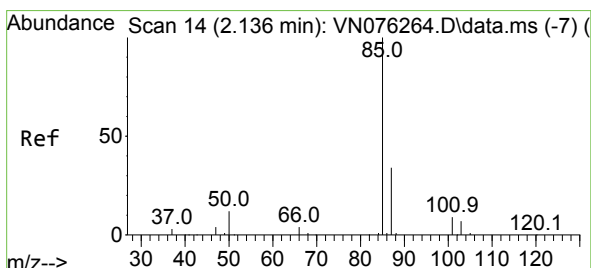
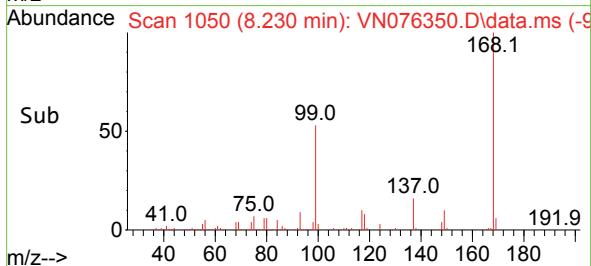
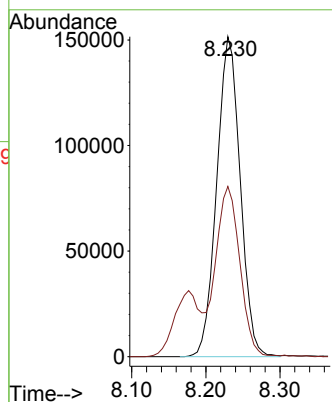
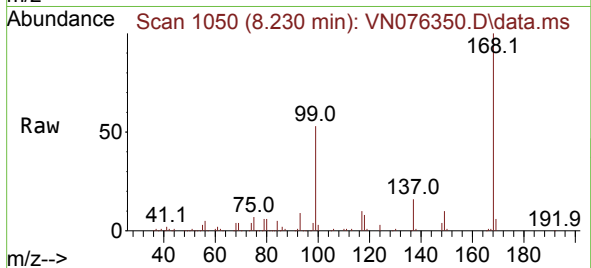
VN0120MBSD01

Tgt Ion:168 Resp: 333438

Ion Ratio Lower Upper

168 100

99 52.9 41.6 62.4



#2

Dichlorodifluoromethane

Concen: 19.331 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076350.D

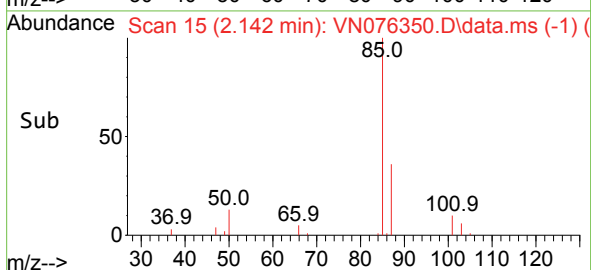
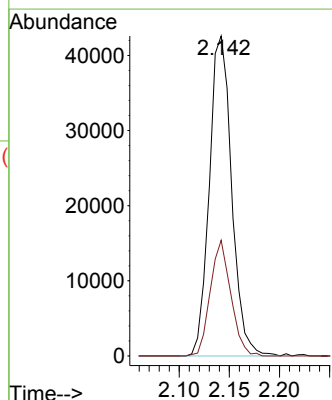
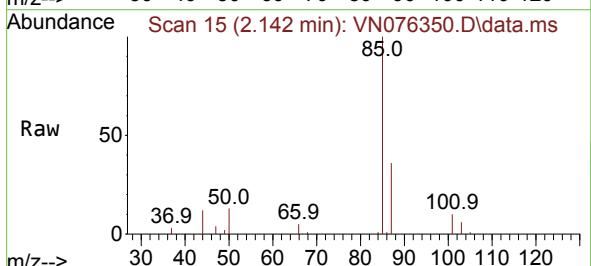
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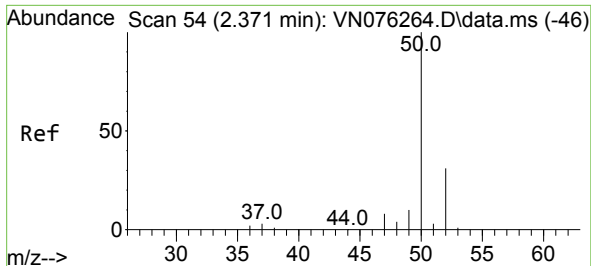
Tgt Ion: 85 Resp: 66052

Ion Ratio Lower Upper

85 100

87 36.1 17.1 51.2

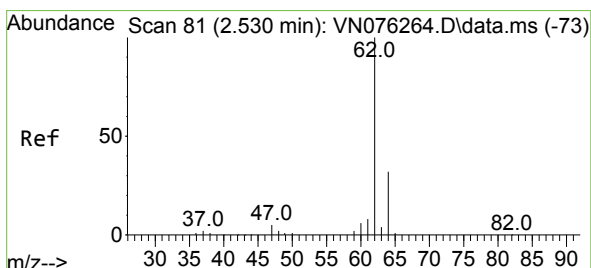
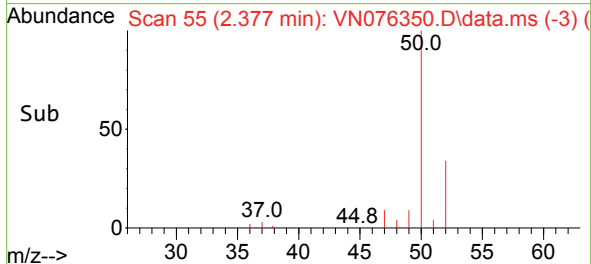
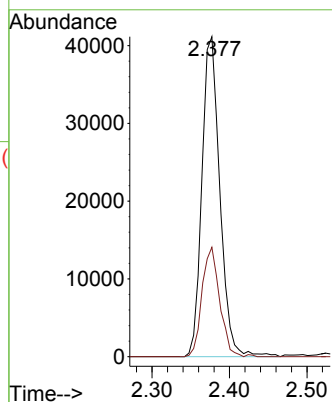
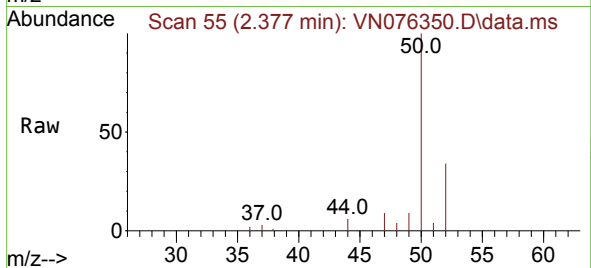




#3
Chloromethane
Concen: 18.744 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

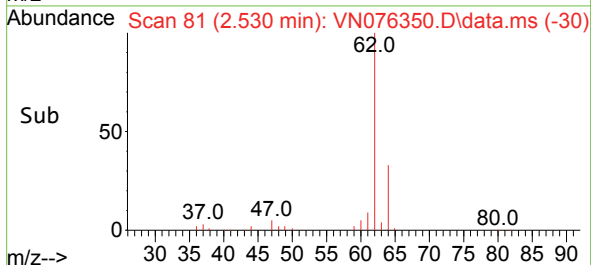
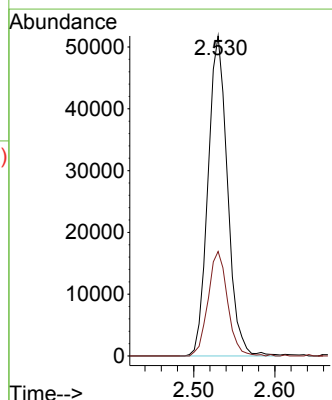
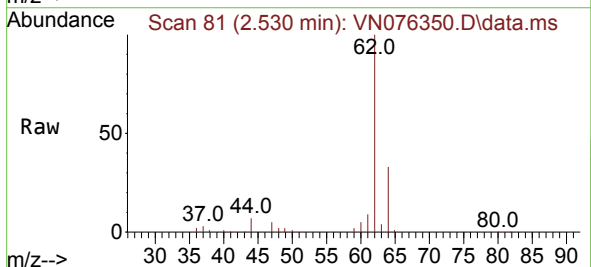
Instrument :
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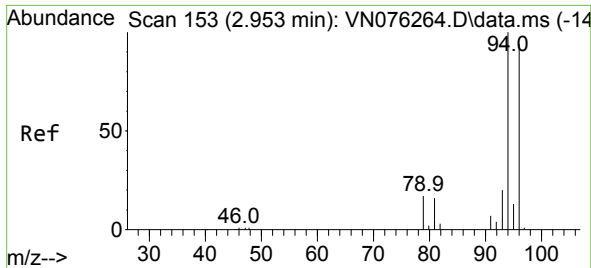
Tgt Ion: 50 Resp: 66311
Ion Ratio Lower Upper
50 100
52 34.2 24.8 37.2



#4
Vinyl Chloride
Concen: 19.903 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 62 Resp: 86339
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6

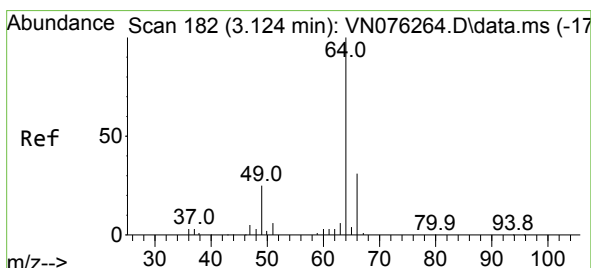
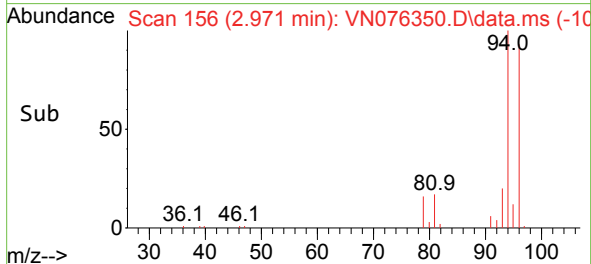
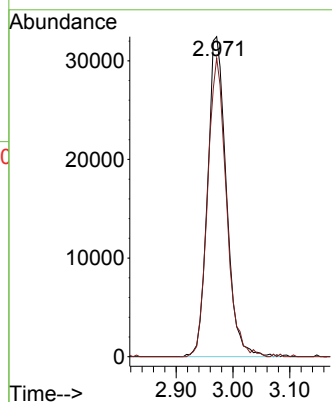
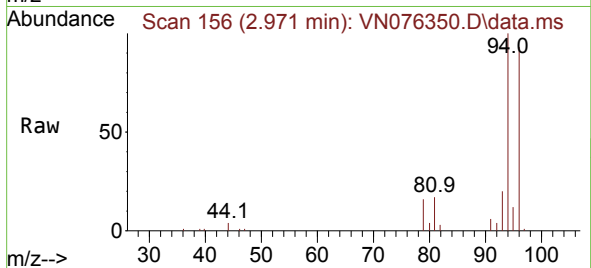




#5
Bromomethane
Concen: 20.890 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

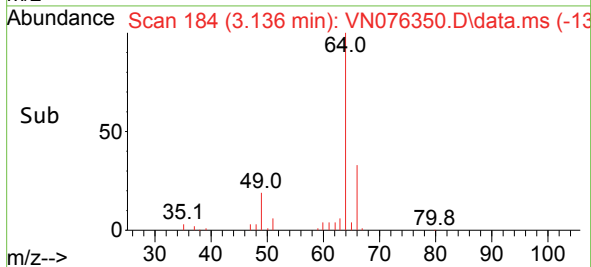
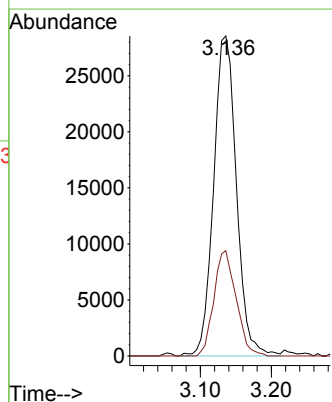
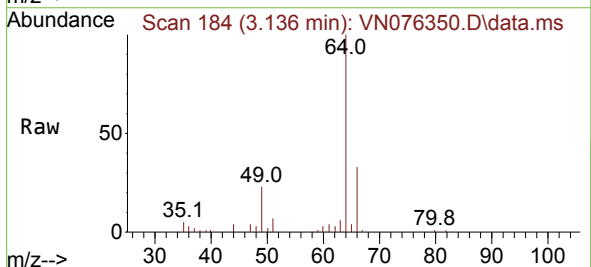
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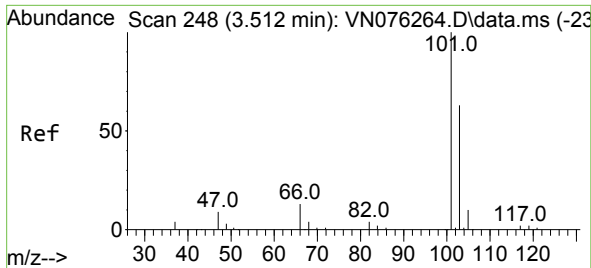
Tgt Ion: 94 Resp: 74209
Ion Ratio Lower Upper
94 100
96 93.3 75.1 112.7



#6
Chloroethane
Concen: 19.544 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 64 Resp: 63573
Ion Ratio Lower Upper
64 100
66 32.9 24.8 37.2

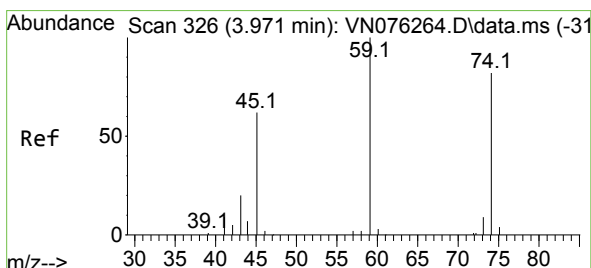
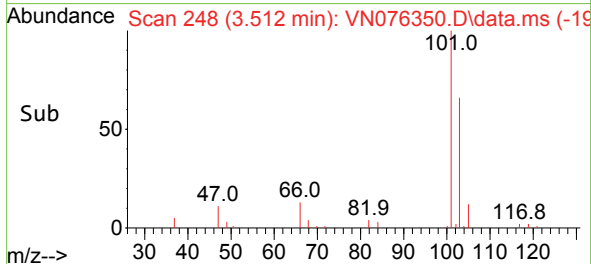
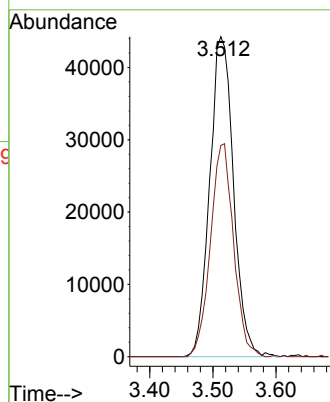
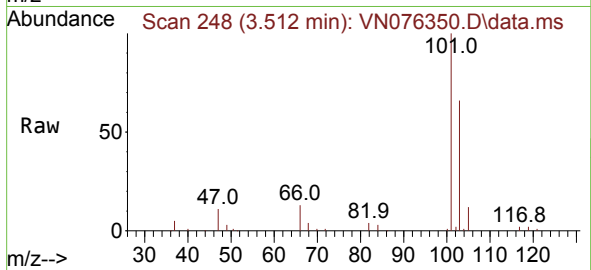




#7
 Trichlorofluoromethane
 Concen: 19.375 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076350.D
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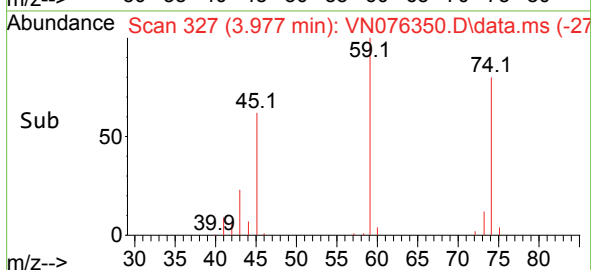
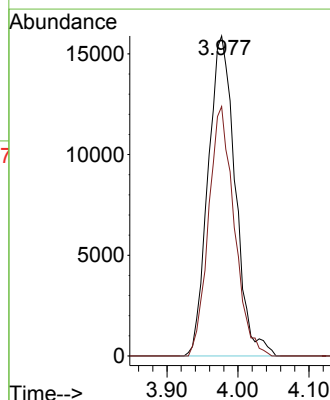
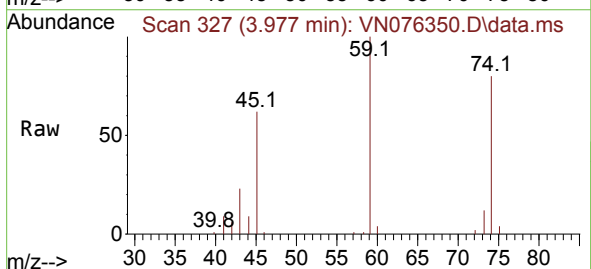
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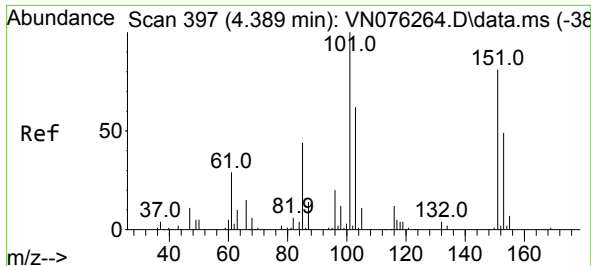
Tgt Ion:101 Resp: 115629
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.2 75.4



#8
 Diethyl Ether
 Concen: 21.032 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN076350.D
 Acq: 20 Jan 2023 16:54

Tgt Ion: 74 Resp: 42100
 Ion Ratio Lower Upper
 74 100
 45 73.7 37.8 113.3

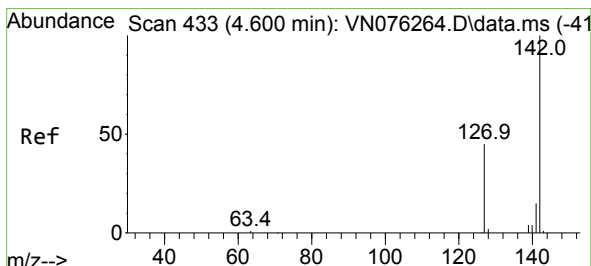
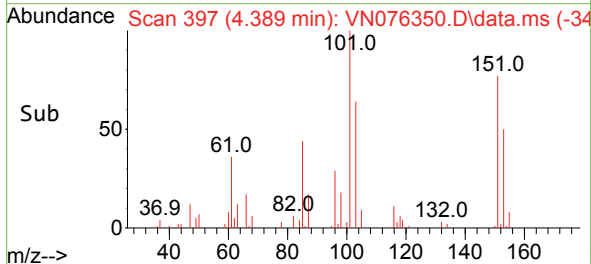
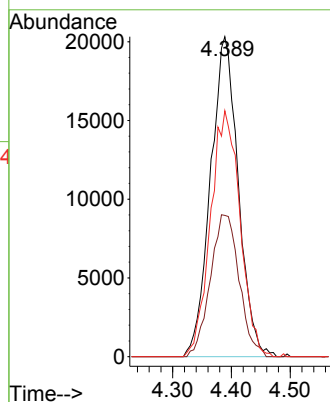
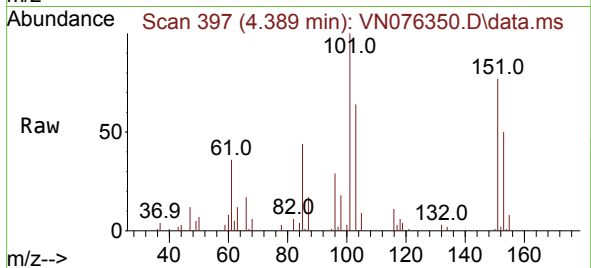




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.725 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076350.D
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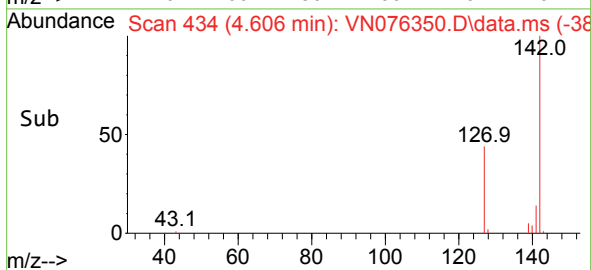
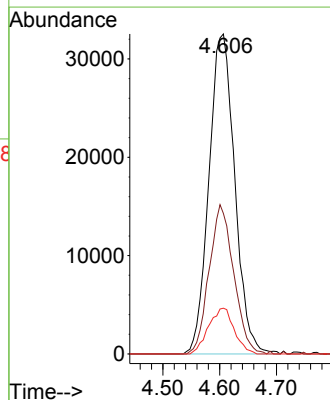
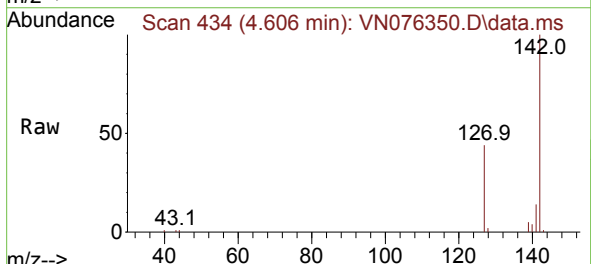
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

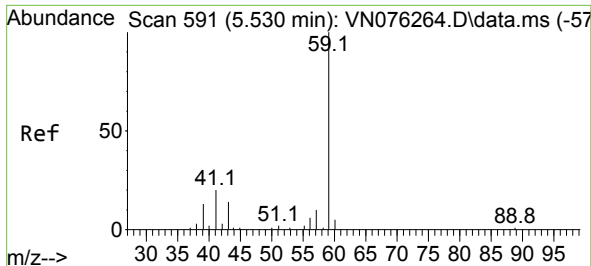
Tgt Ion:	101	Resp:	66640
Ion	Ratio	Lower	Upper
101	100		
85	46.0	35.5	53.3
151	81.6	65.5	98.3



#10
Methyl Iodide
Concen: 19.929 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion:	142	Resp:	102847
Ion	Ratio	Lower	Upper
142	100		
127	44.3	35.0	52.4
141	14.2	11.5	17.3

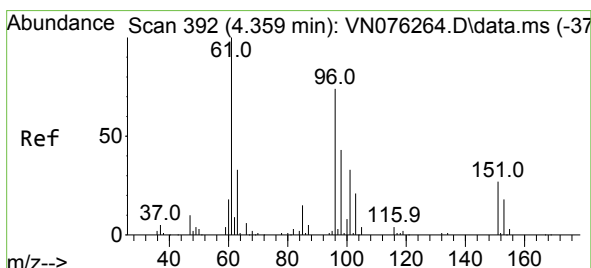
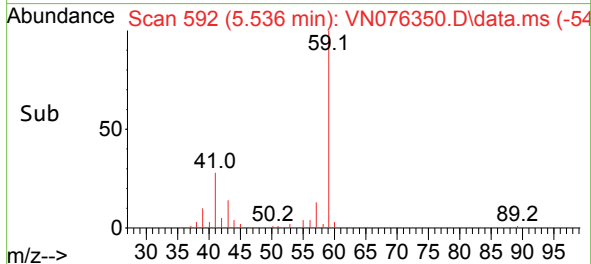
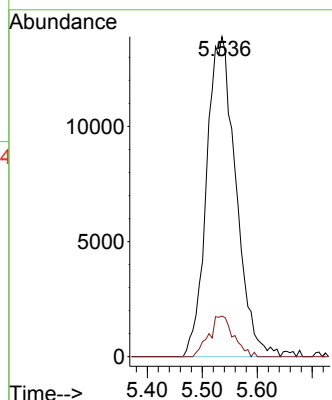
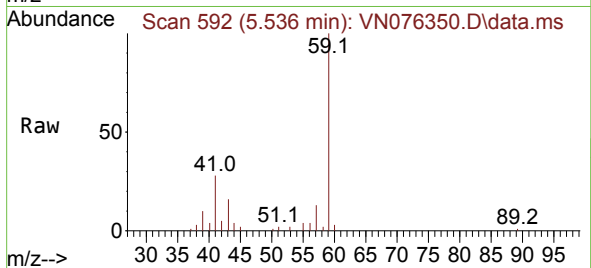




#11
Tert butyl alcohol
Concen: 102.821 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

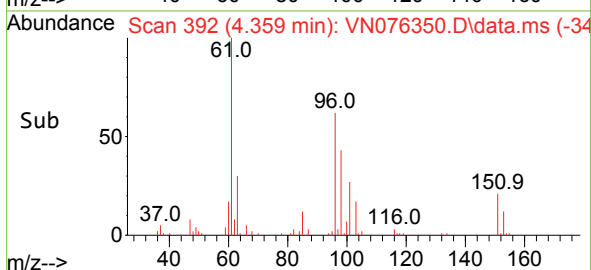
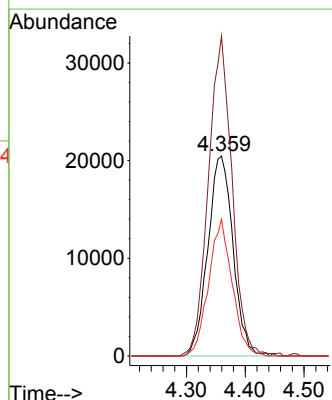
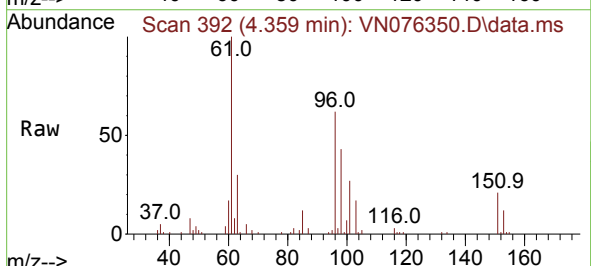
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

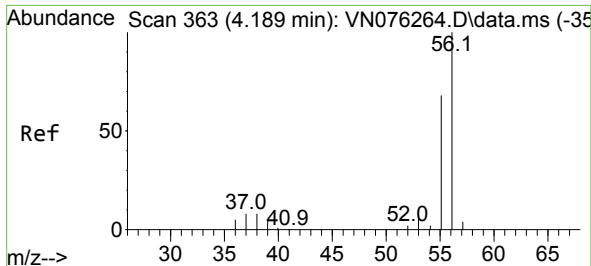
Tgt Ion: 59 Resp: 51346
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.080 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 96 Resp: 60935
Ion Ratio Lower Upper
96 100
61 160.1 108.2 162.4
98 68.4 47.0 70.6





#13

Acrolein

Concen: 99.542 ug/l

RT: 4.195 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

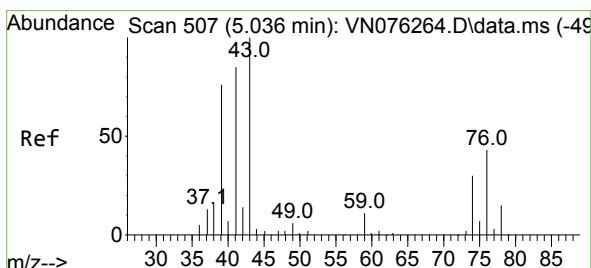
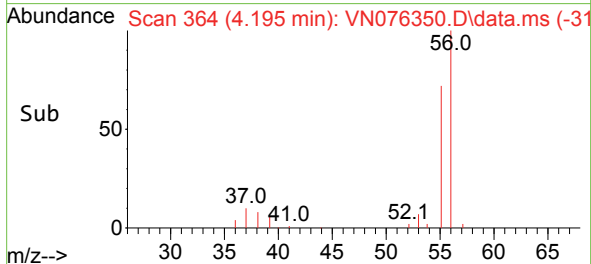
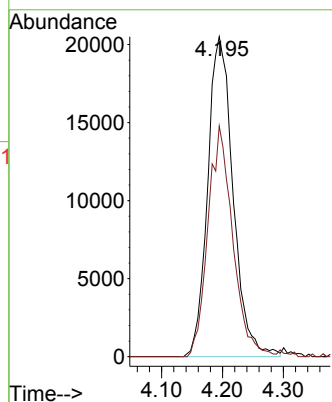
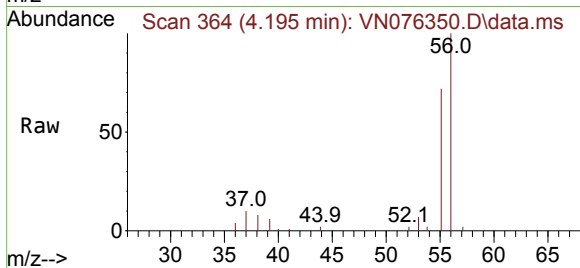
VN0120MBS01

Tgt Ion: 56 Resp: 59447

Ion Ratio Lower Upper

56 100

55 70.2 55.8 83.6



#14

Allyl chloride

Concen: 21.220 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

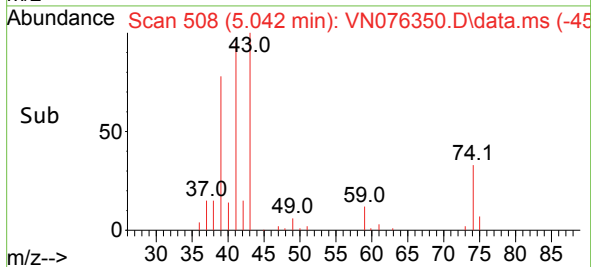
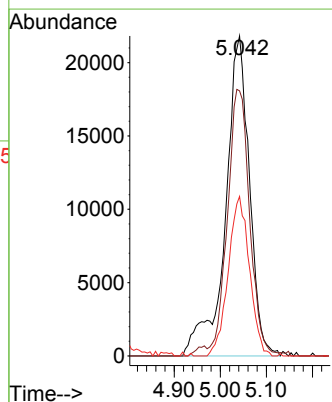
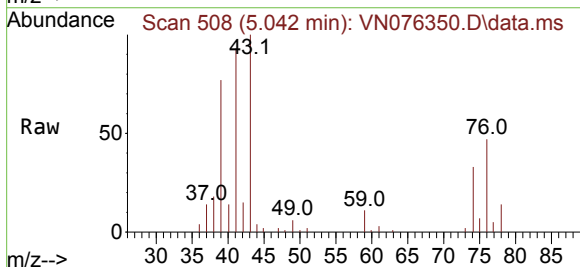
Tgt Ion: 41 Resp: 78975

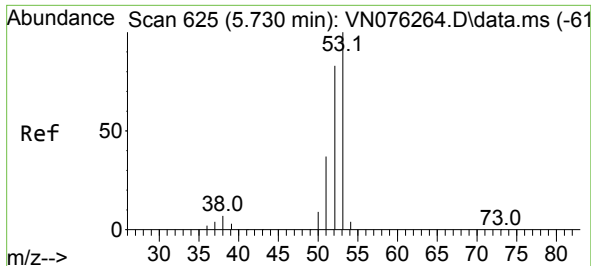
Ion Ratio Lower Upper

41 100

39 75.3 67.4 101.0

76 44.0 39.8 59.8

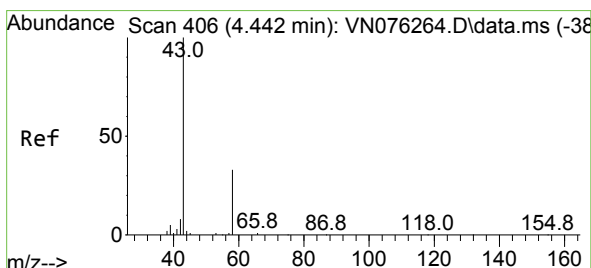
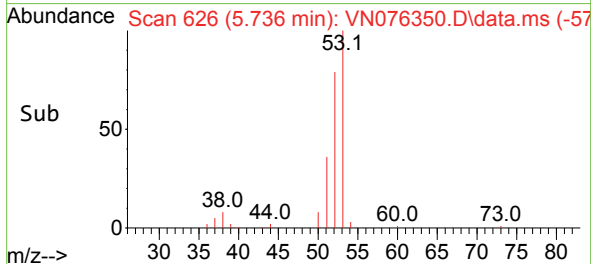
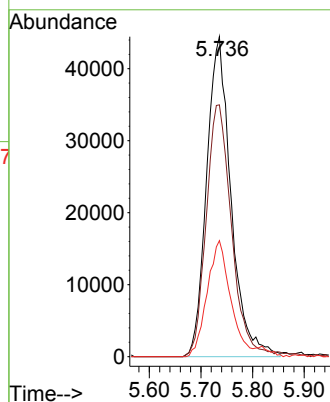
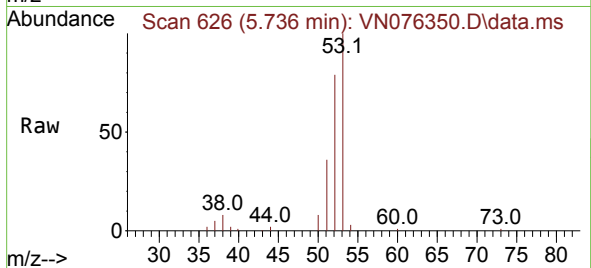




#15
Acrylonitrile
Concen: 102.569 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

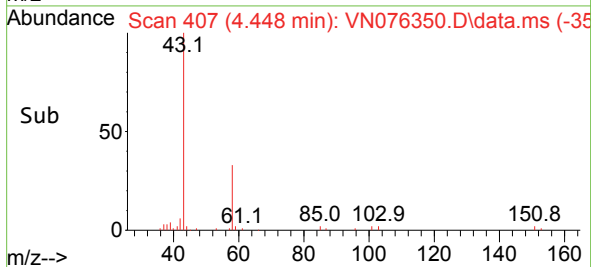
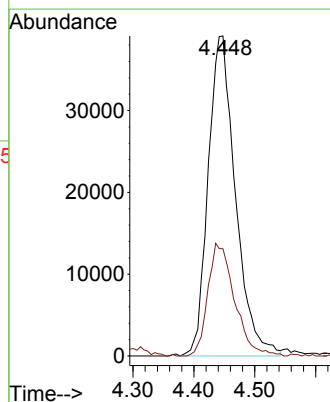
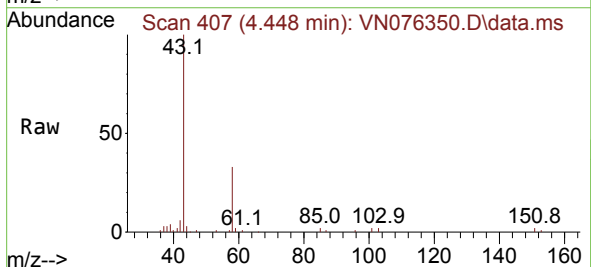
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

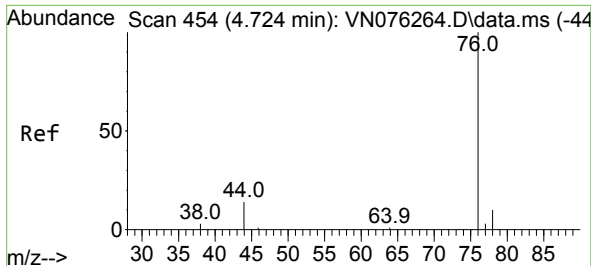
Tgt Ion: 53 Resp: 145757
Ion Ratio Lower Upper
53 100
52 81.3 64.7 97.1
51 34.7 29.2 43.8



#16
Acetone
Concen: 101.768 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 43 Resp: 121851
Ion Ratio Lower Upper
43 100
58 33.5 26.7 40.1

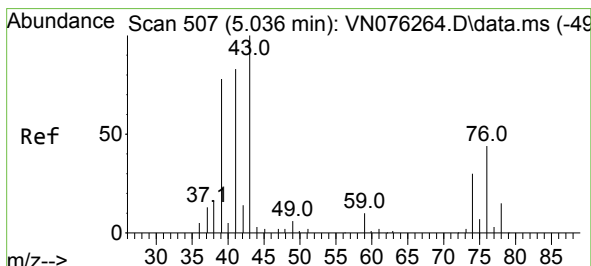
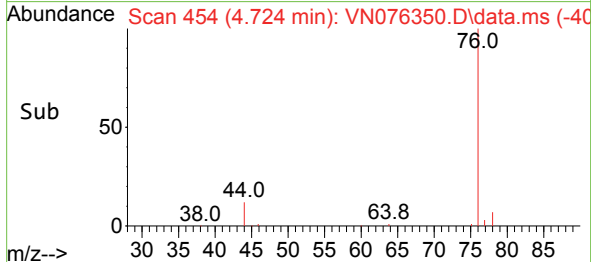
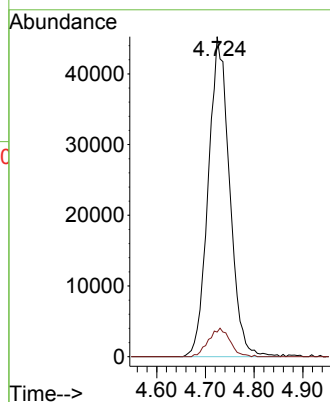
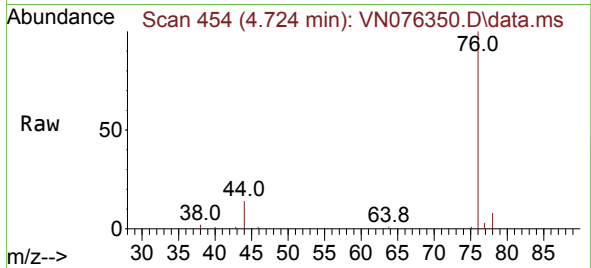




#17
Carbon Disulfide
Concen: 17.258 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

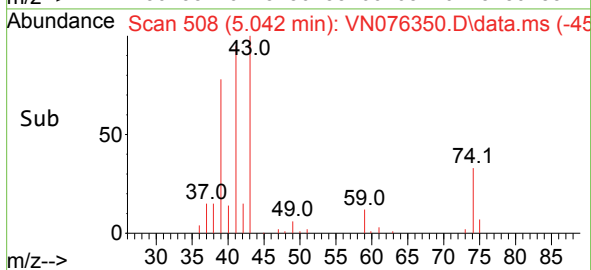
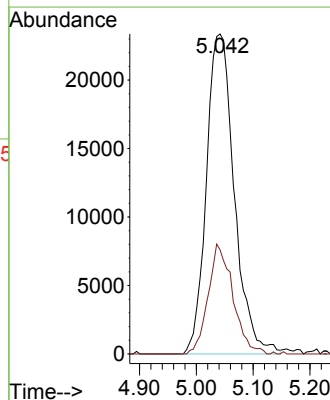
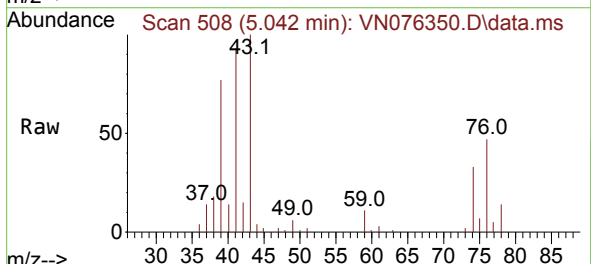
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

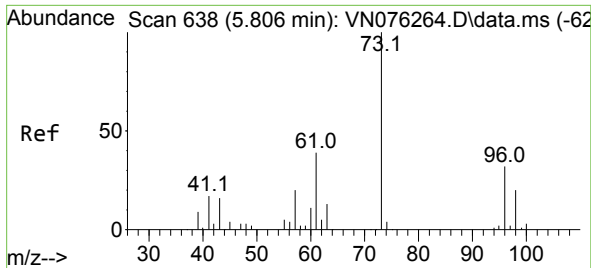
Tgt Ion: 76 Resp: 137235
Ion Ratio Lower Upper
76 100
78 7.7 8.0 12.0#



#18
Methyl Acetate
Concen: 19.613 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 43 Resp: 79552
Ion Ratio Lower Upper
43 100
74 30.5 23.3 34.9

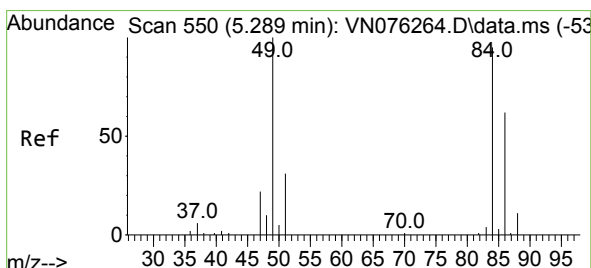
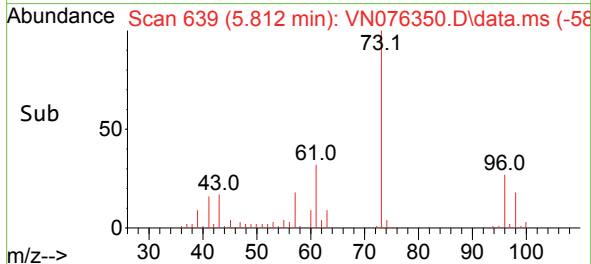
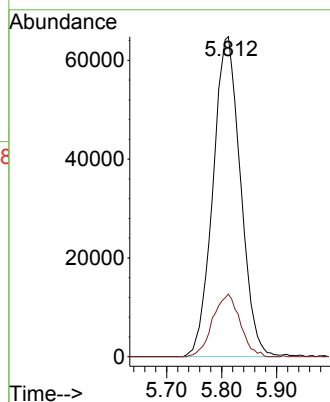
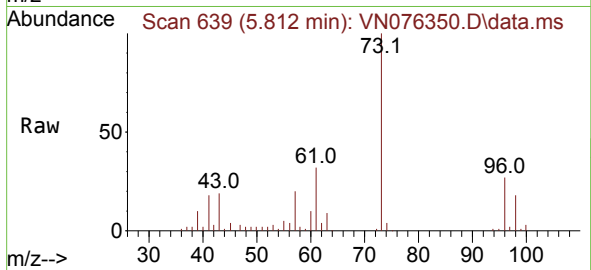




#19
Methyl tert-butyl Ether
Concen: 21.646 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

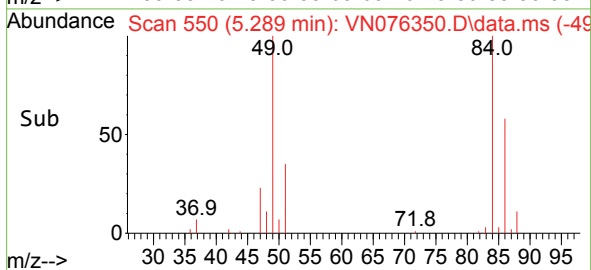
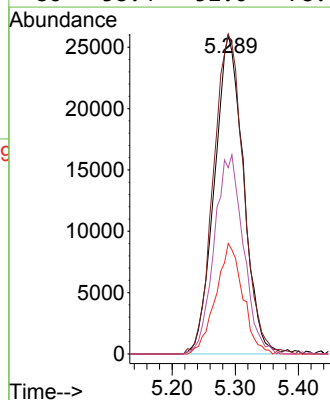
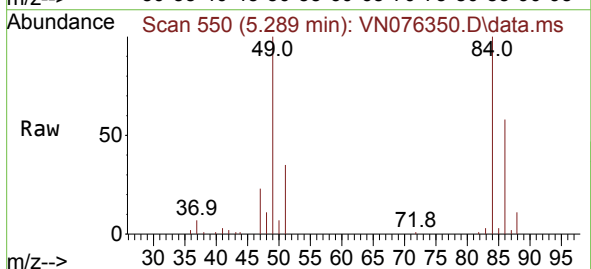
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

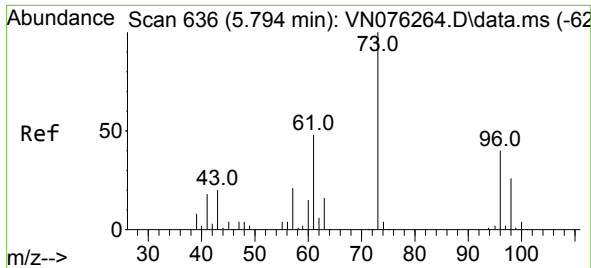
Tgt Ion: 73 Resp: 225063
Ion Ratio Lower Upper
73 100
57 19.6 15.9 23.9



#20
Methylene Chloride
Concen: 23.018 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 84 Resp: 82668
Ion Ratio Lower Upper
84 100
49 100.4 84.5 126.7
51 34.6 26.0 39.0
86 58.4 52.0 78.0

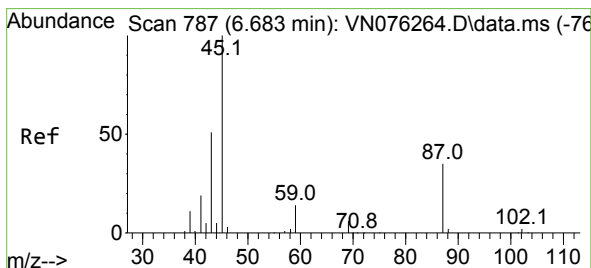
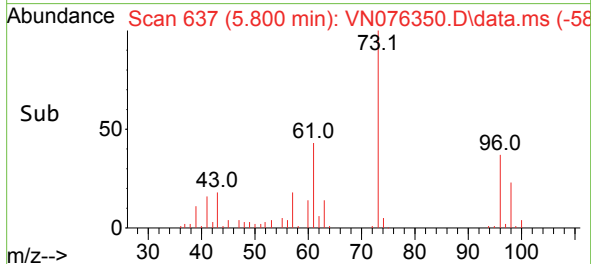
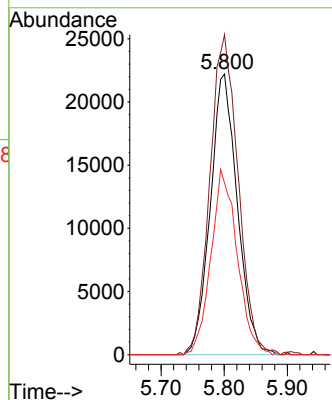
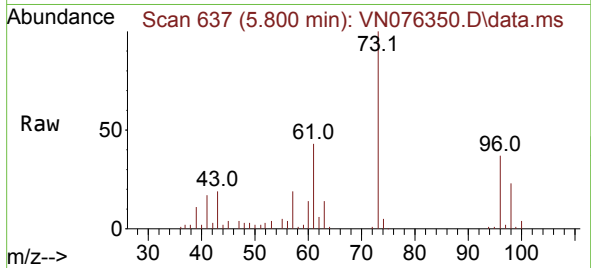




#21
trans-1,2-Dichloroethene
Concen: 19.083 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

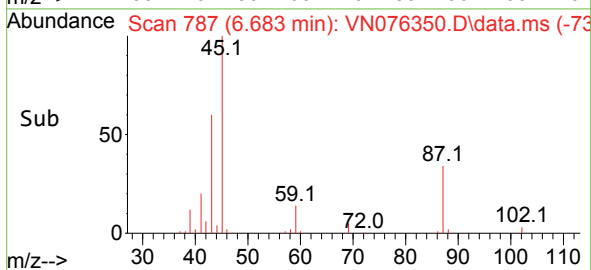
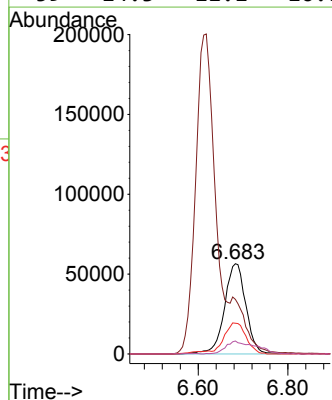
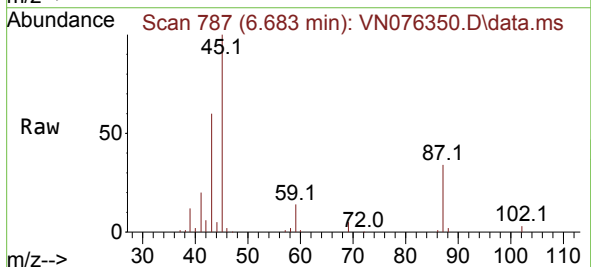
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

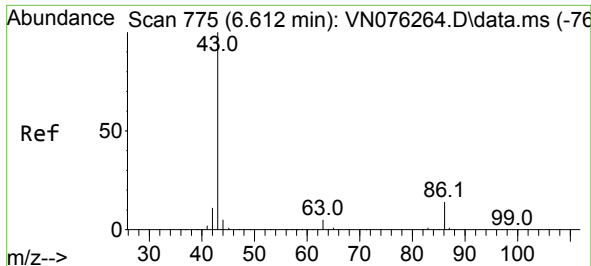
Tgt Ion: 96 Resp: 66025
Ion Ratio Lower Upper
96 100
61 114.0 97.0 145.4
98 61.2 51.9 77.9



#22
Diisopropyl ether
Concen: 21.301 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 45 Resp: 186961
Ion Ratio Lower Upper
45 100
43 59.0 44.4 66.6
87 34.0 28.4 42.6
59 14.3 11.1 16.7

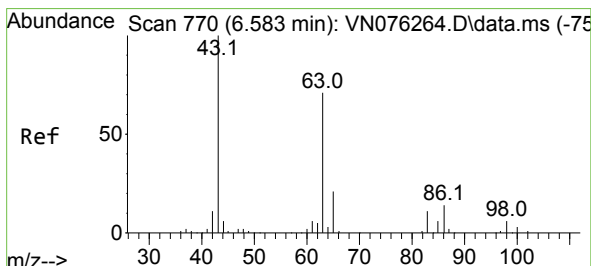
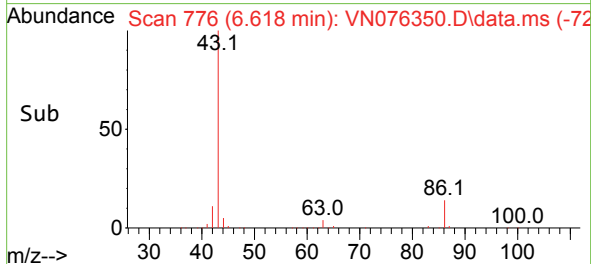
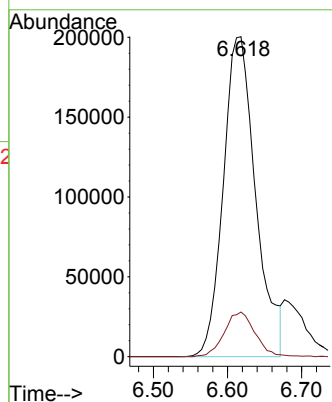
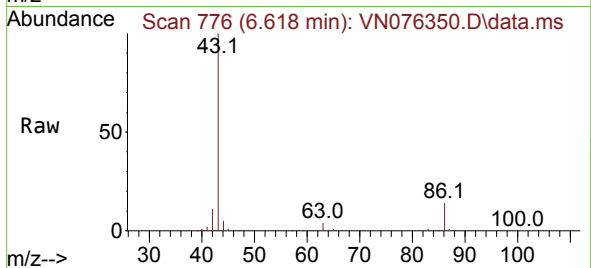




#23
 Vinyl Acetate
 Concen: 107.357 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076350.D
 Acq: 20 Jan 2023 16:54

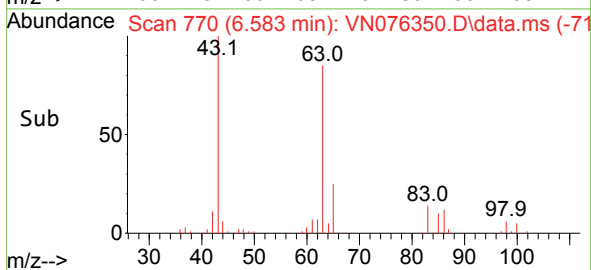
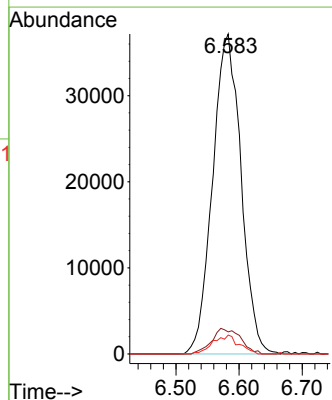
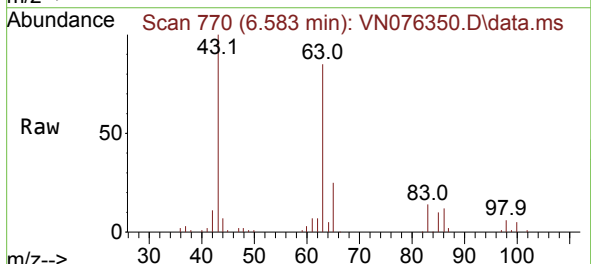
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

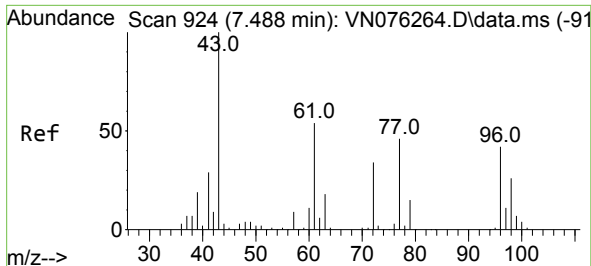
Tgt Ion: 43 Resp: 608983
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 19.824 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076350.D
 Acq: 20 Jan 2023 16:54

Tgt Ion: 63 Resp: 115982
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 5.9 2.2 6.6

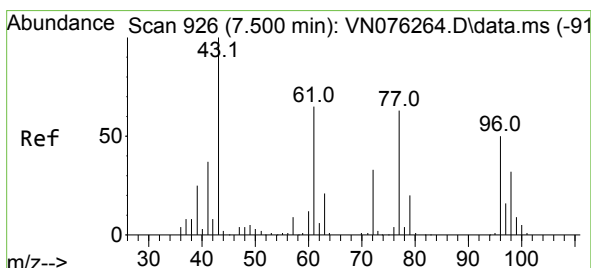
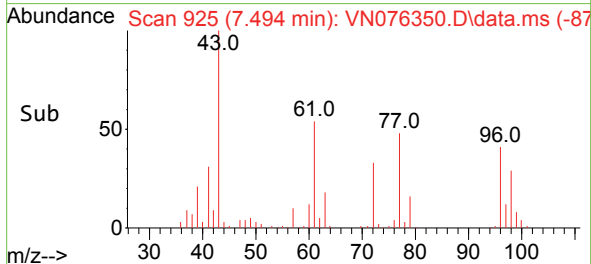
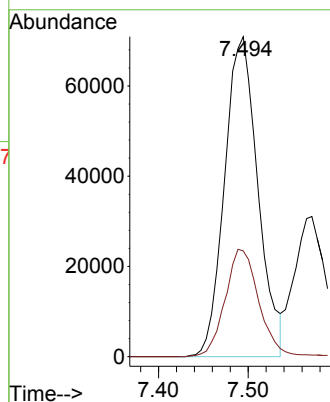
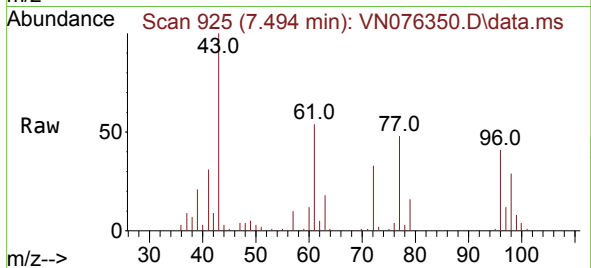




#25
2-Butanone
Concen: 100.165 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

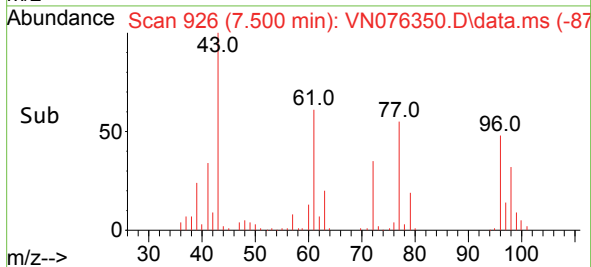
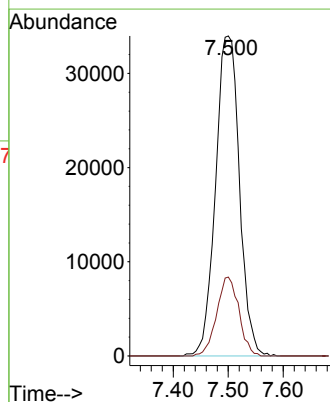
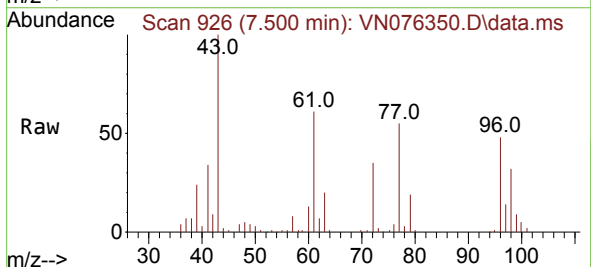
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

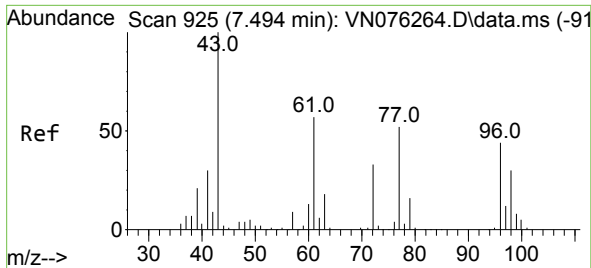
Tgt Ion: 43 Resp: 183094
Ion Ratio Lower Upper
43 100
72 33.1 27.4 41.2



#26
2,2-Dichloropropane
Concen: 20.783 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 77 Resp: 102480
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 19.949 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

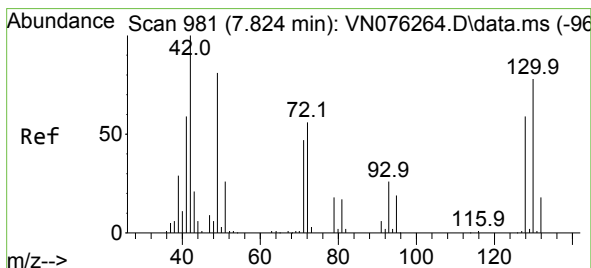
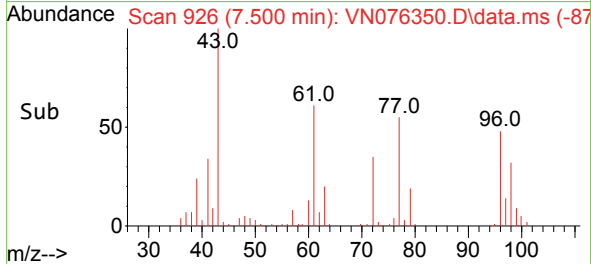
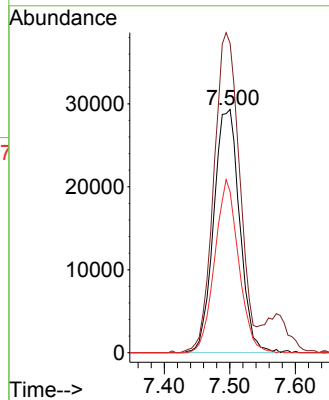
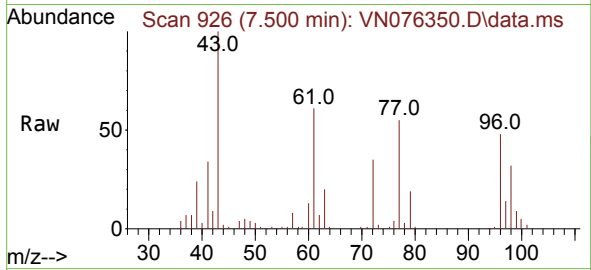
Tgt Ion: 96 Resp: 80503

Ion Ratio Lower Upper

96 100

61 130.7 0.0 259.6

98 65.7 0.0 129.4



#28

Bromochloromethane

Concen: 20.741 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

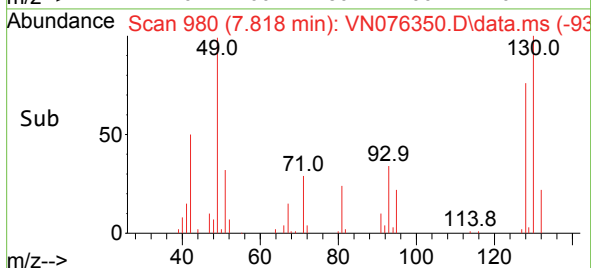
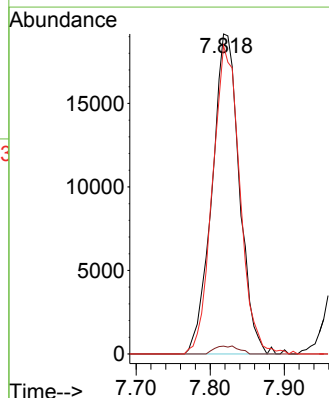
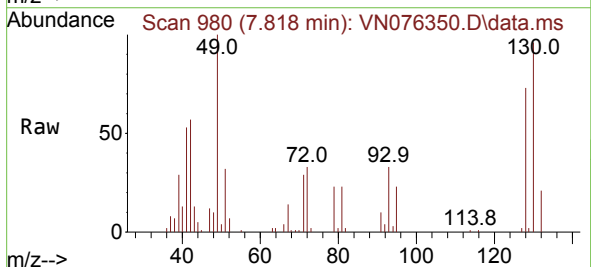
Tgt Ion: 49 Resp: 49185

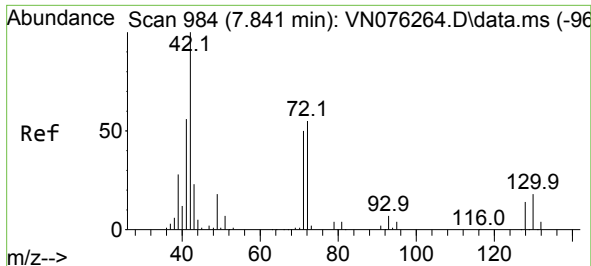
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.2

130 96.3 76.0 114.0

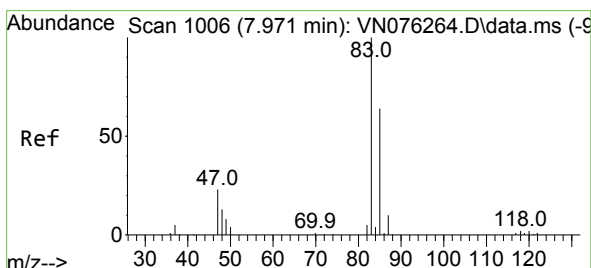
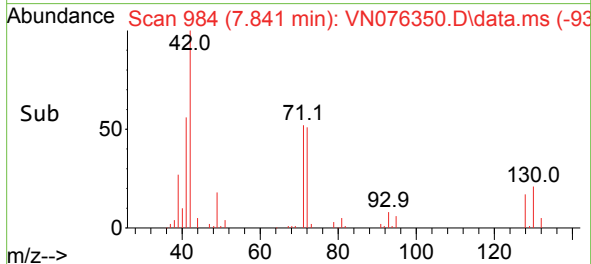
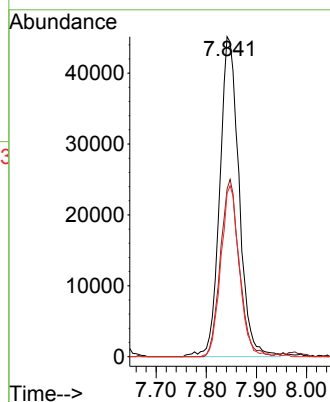
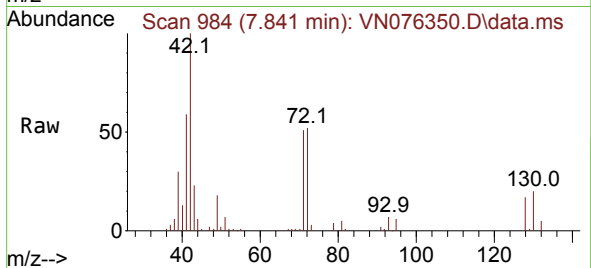




#29
Tetrahydrofuran
Concen: 106.816 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

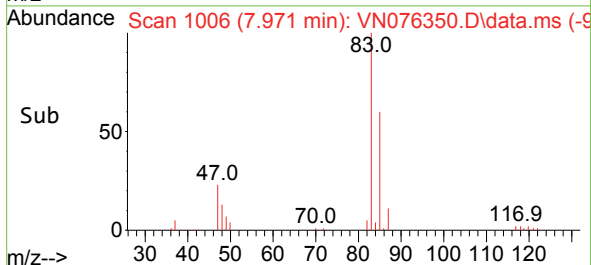
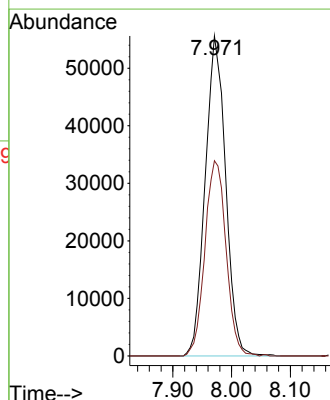
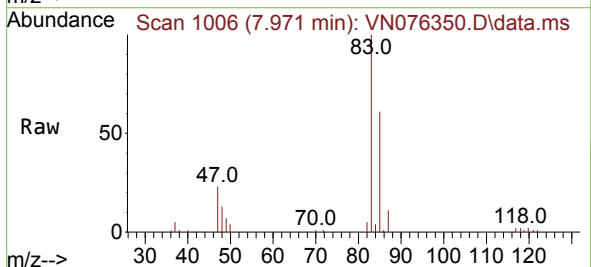
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

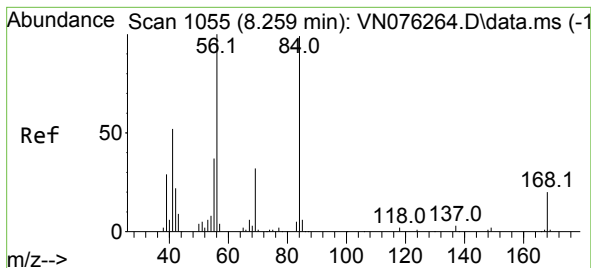
Tgt Ion: 42 Resp: 120506
Ion Ratio Lower Upper
42 100
72 54.1 44.0 66.0
71 51.1 41.1 61.7



#30
Chloroform
Concen: 20.778 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 83 Resp: 134511
Ion Ratio Lower Upper
83 100
85 61.0 51.0 76.6





#31

Cyclohexane

Concen: 18.039 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBSD01

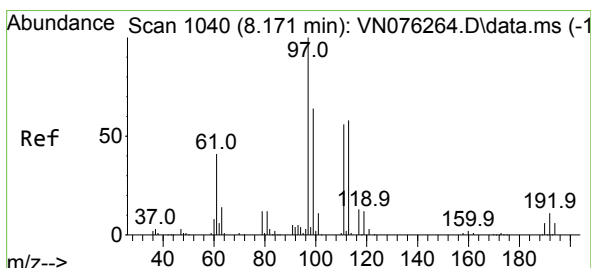
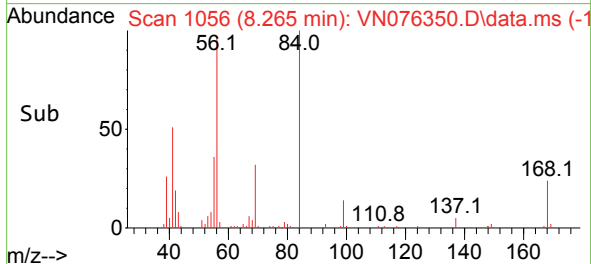
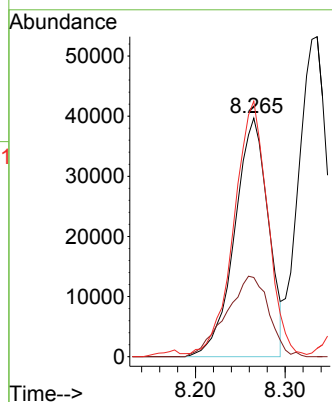
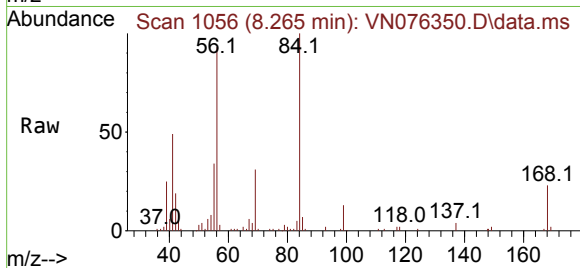
Tgt Ion: 56 Resp: 103455

Ion Ratio Lower Upper

56 100

69 33.2 25.8 38.8

84 105.9 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 20.293 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

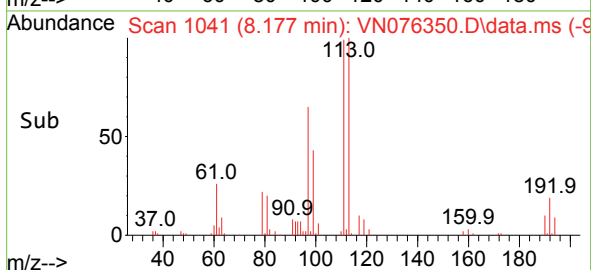
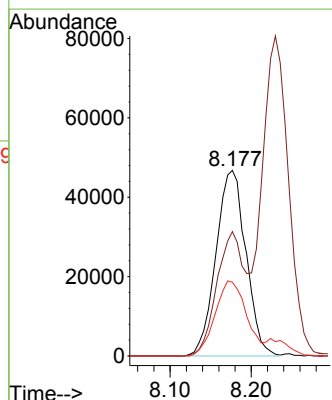
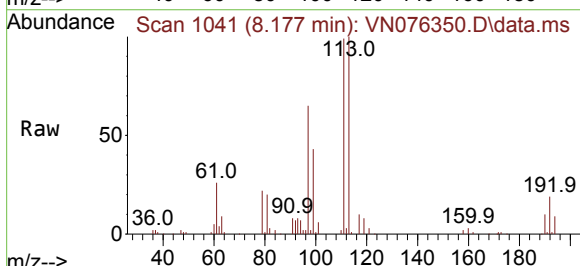
Tgt Ion: 97 Resp: 119941

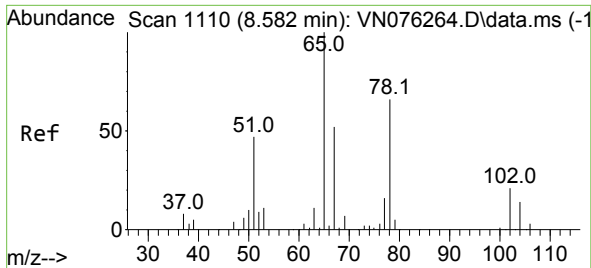
Ion Ratio Lower Upper

97 100

99 60.4 55.0 82.4

61 43.2 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 52.657 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

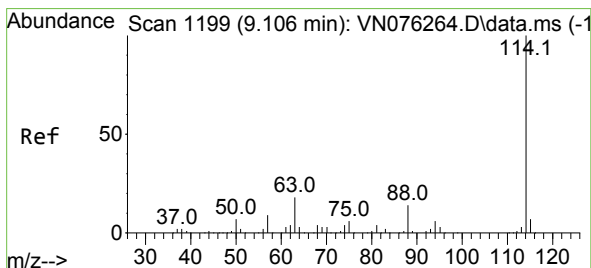
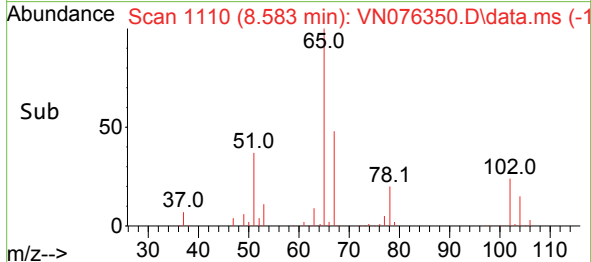
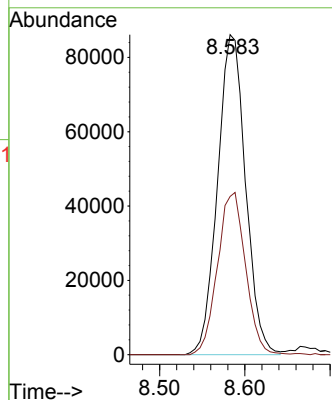
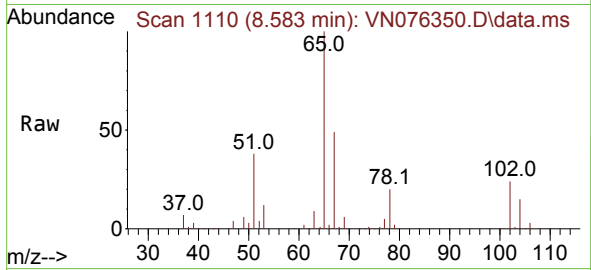
VN0120MBS01

Tgt Ion: 65 Resp: 196594

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

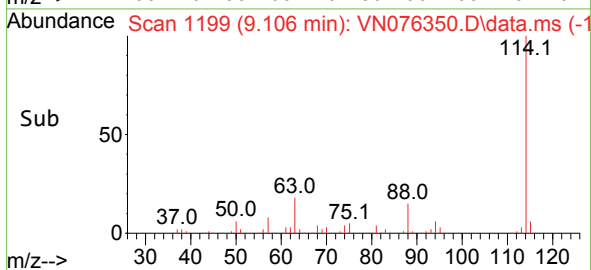
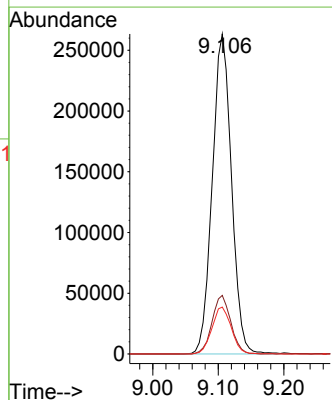
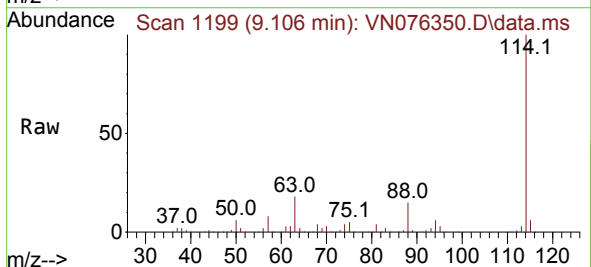
Tgt Ion: 114 Resp: 534621

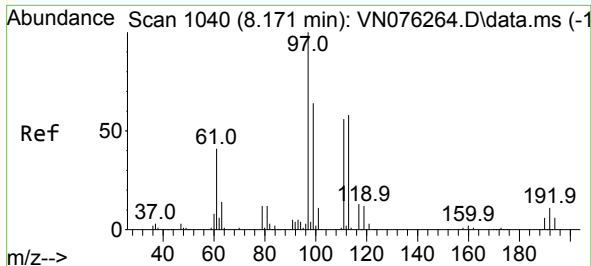
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.8

88 14.6 0.0 28.0

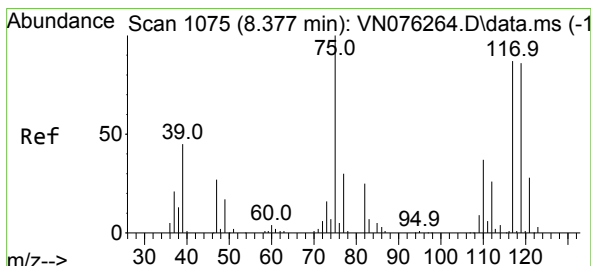
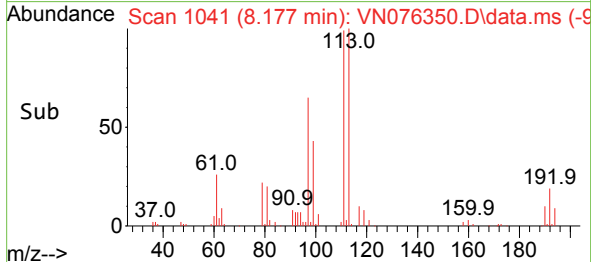
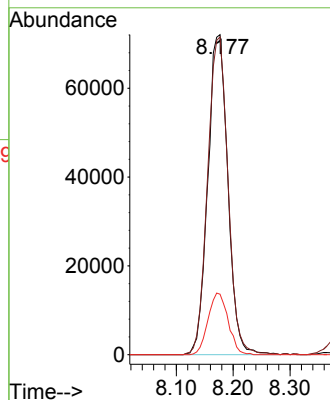
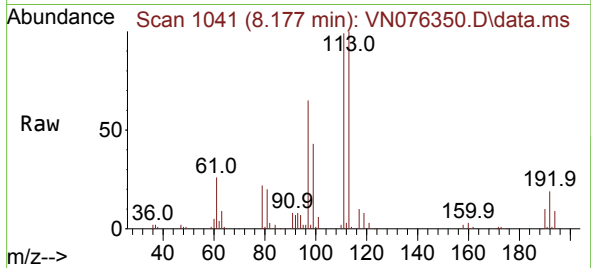




#35
Dibromofluoromethane
Concen: 52.738 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

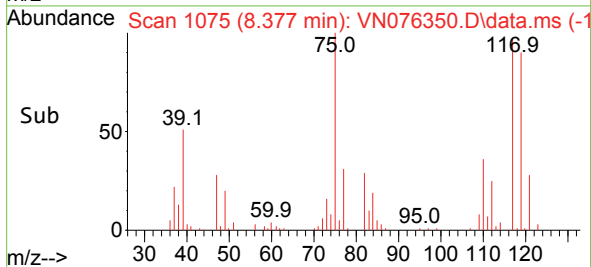
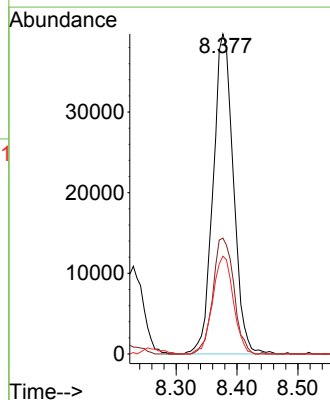
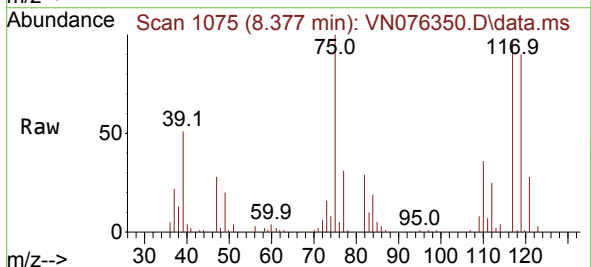
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

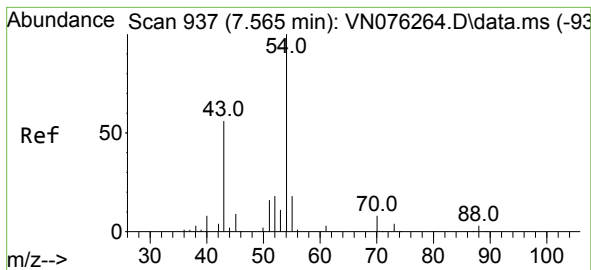
Tgt Ion:113 Resp: 176370
Ion Ratio Lower Upper
113 100
111 101.0 82.7 124.1
192 19.3 15.6 23.4



#36
1,1-Dichloropropene
Concen: 19.353 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 75 Resp: 91966
Ion Ratio Lower Upper
75 100
110 37.4 18.8 56.3
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 20.072 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

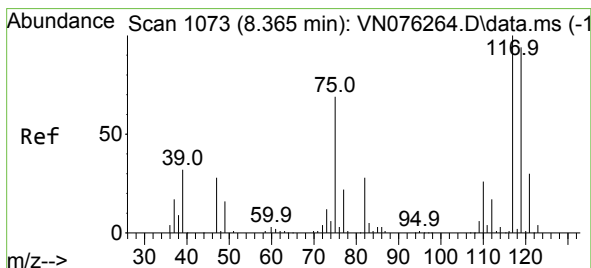
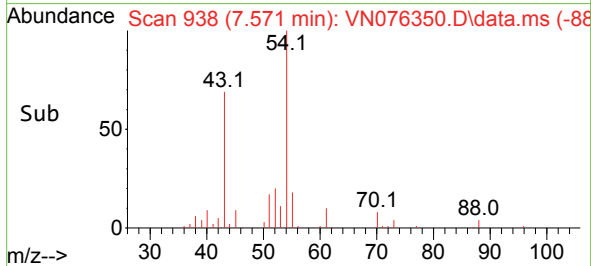
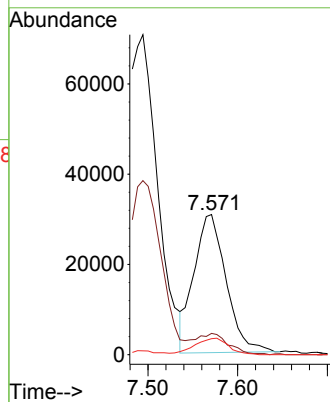
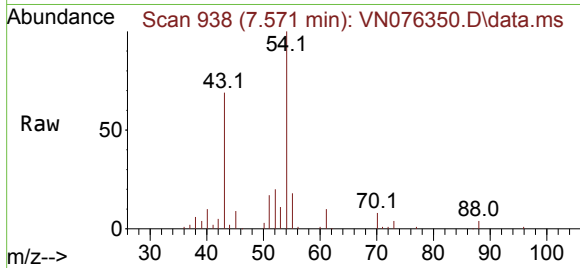
Tgt Ion: 43 Resp: 76425

Ion Ratio Lower Upper

43 100

61 14.7 11.1 16.7

70 12.5 10.0 15.0



#38

Carbon Tetrachloride

Concen: 19.735 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

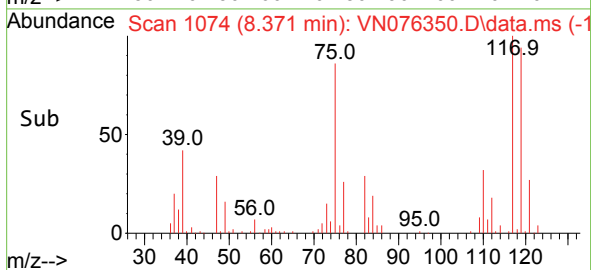
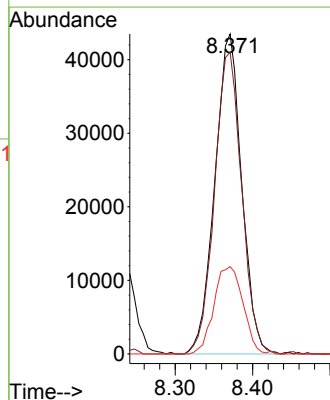
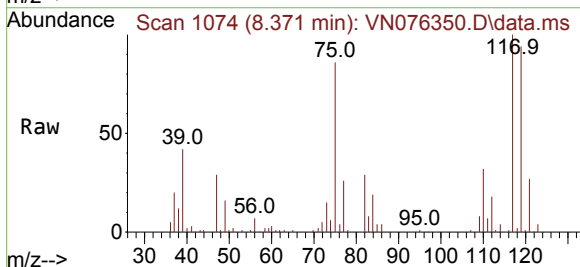
Tgt Ion: 117 Resp: 104583

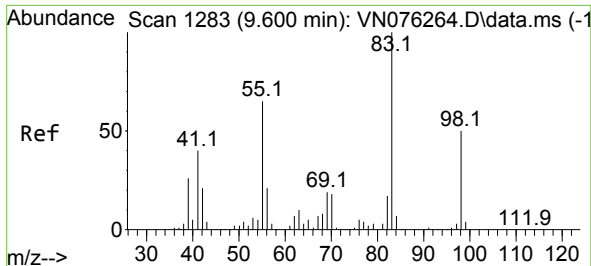
Ion Ratio Lower Upper

117 100

119 94.3 75.4 113.0

121 27.3 24.2 36.2





#39

Methylcyclohexane

Concen: 19.398 ug/l

RT: 9.606 min Scan# 112573

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

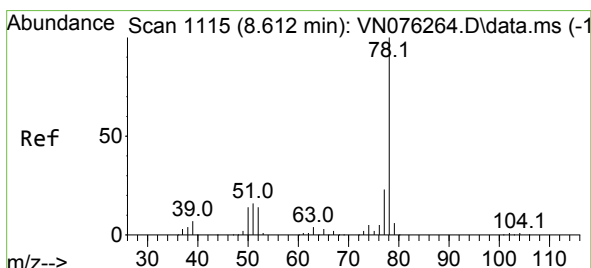
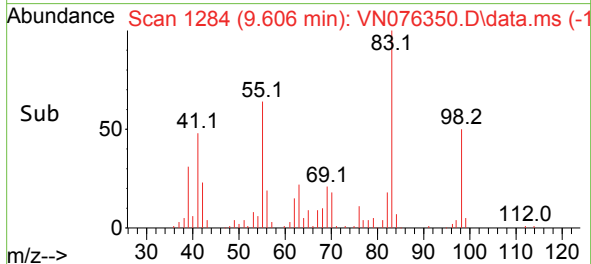
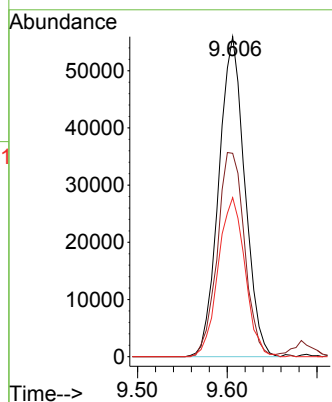
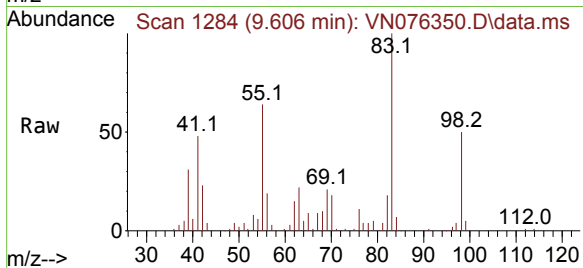
Tgt Ion: 83 Resp: 112573

Ion Ratio Lower Upper

83 100

55 63.6 51.7 77.5

98 49.7 40.0 60.0



#40

Benzene

Concen: 20.173 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076350.D

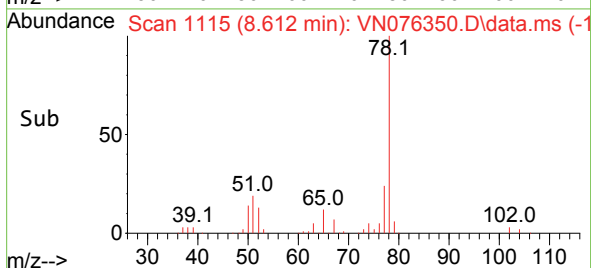
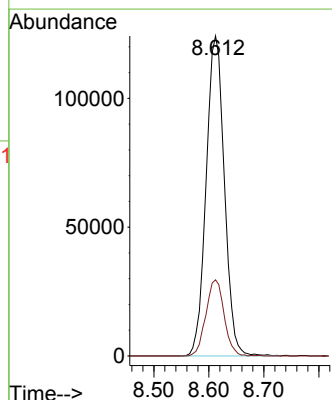
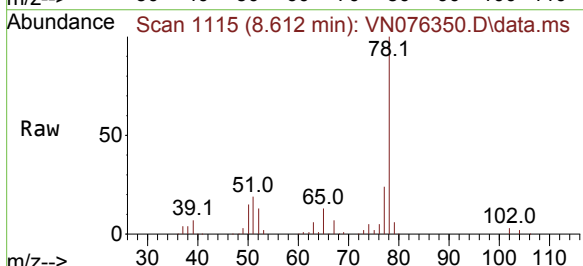
Acq: 20 Jan 2023 16:54

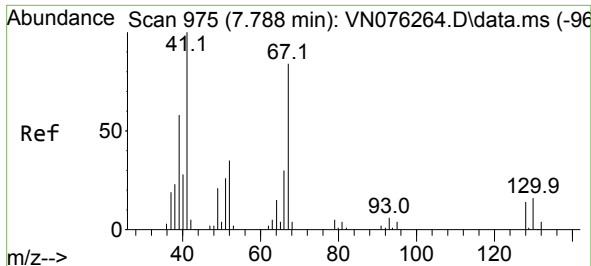
Tgt Ion: 78 Resp: 286648

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0

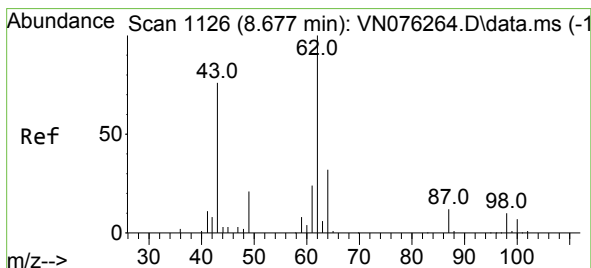
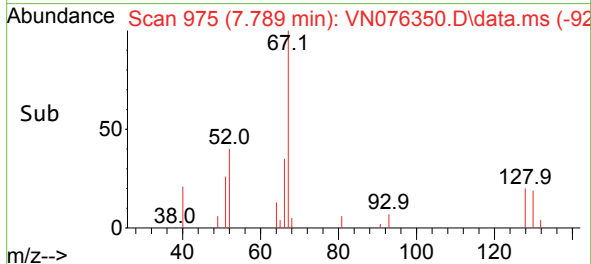
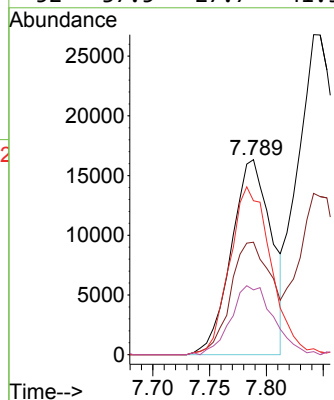
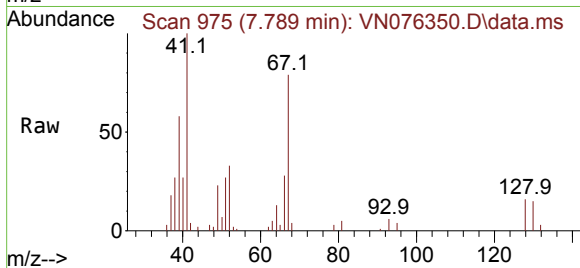




#41
Methacrylonitrile
Concen: 20.100 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.001 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

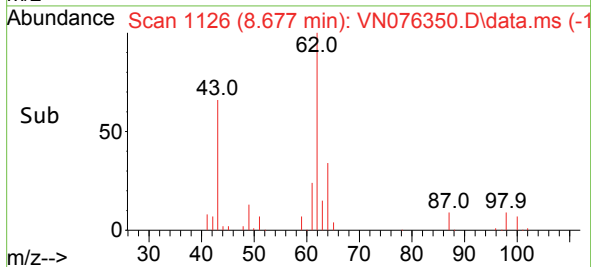
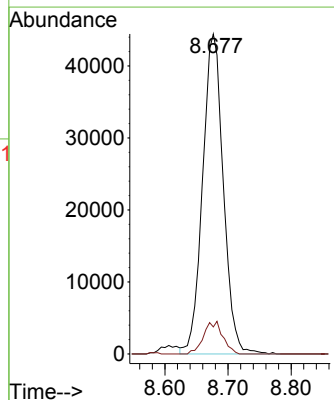
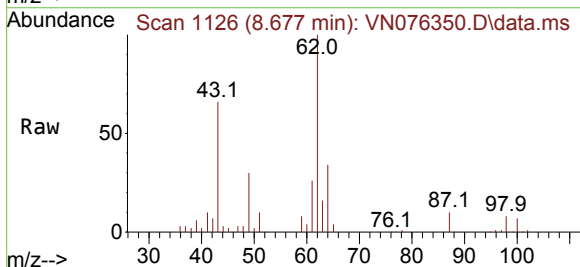
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

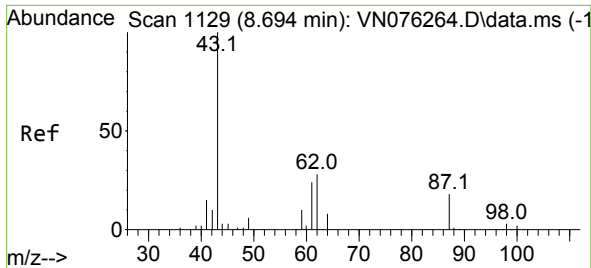
Tgt Ion:	41	Resp:	40114
Ion	Ratio	Lower	Upper
41	100		
39	59.3	42.4	63.6
67	88.8	68.8	103.2
52	37.5	27.7	41.5



#42
1,2-Dichloroethane
Concen: 20.801 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion:	62	Resp:	101132
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.4

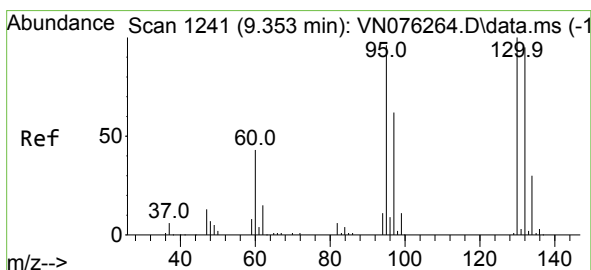
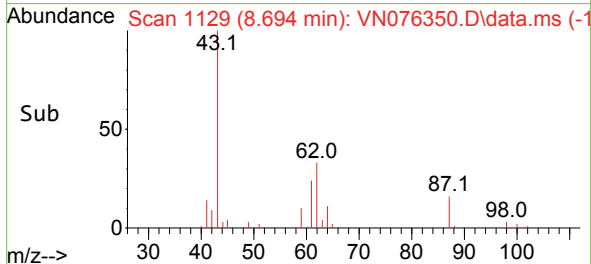
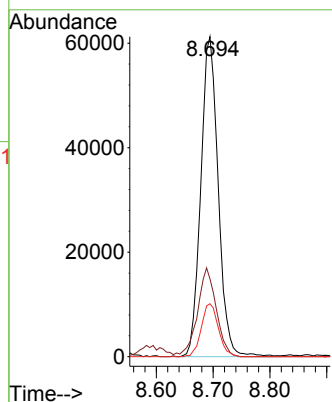
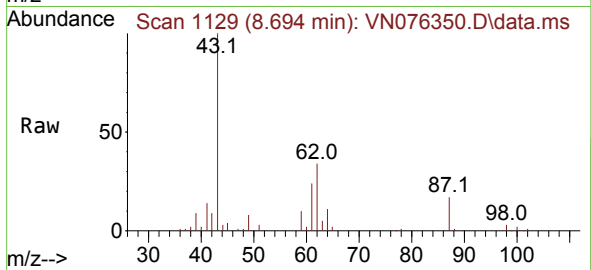




#43
Isopropyl Acetate
Concen: 21.018 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

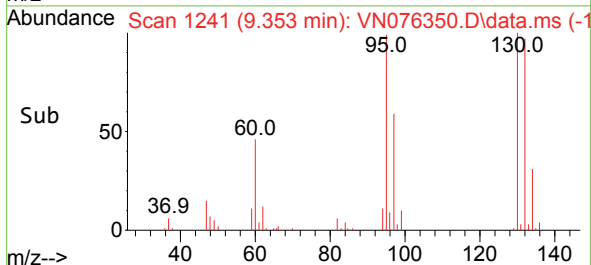
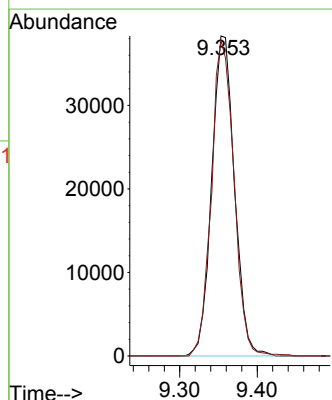
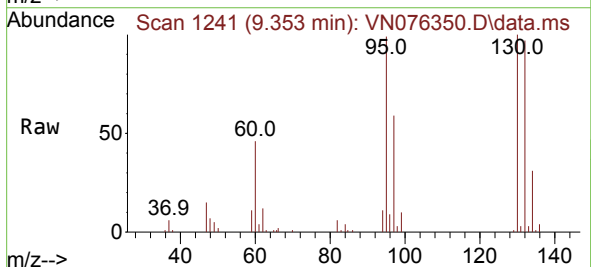
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

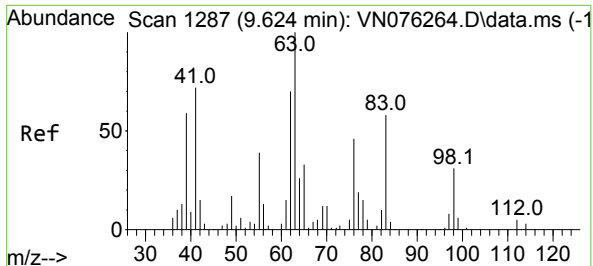
Tgt Ion: 43 Resp: 130327
Ion Ratio Lower Upper
43 100
61 29.9 23.5 35.3
87 16.3 13.8 20.6



#44
Trichloroethene
Concen: 19.400 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion:130 Resp: 77967
Ion Ratio Lower Upper
130 100
95 98.5 0.0 192.0





#45

1,2-Dichloropropane

Concen: 20.084 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

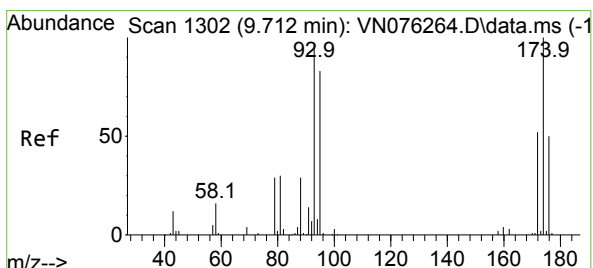
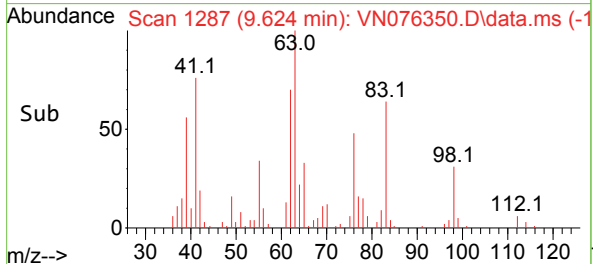
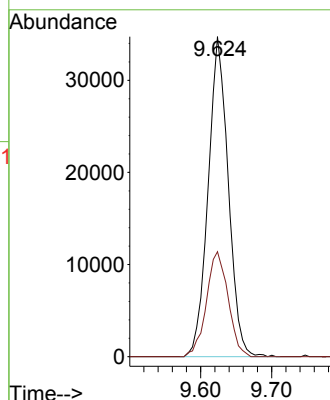
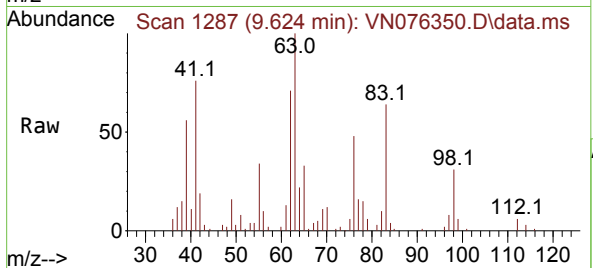
VN0120MBS01

Tgt Ion: 63 Resp: 68327

Ion Ratio Lower Upper

63 100

65 32.8 26.4 39.6



#46

Dibromomethane

Concen: 20.592 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

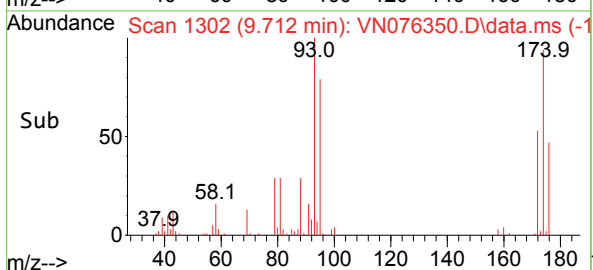
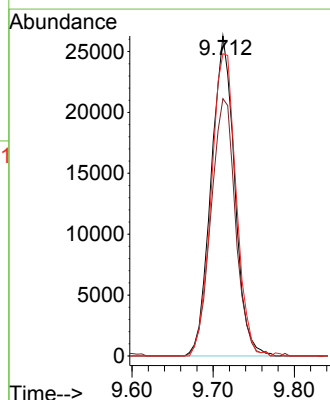
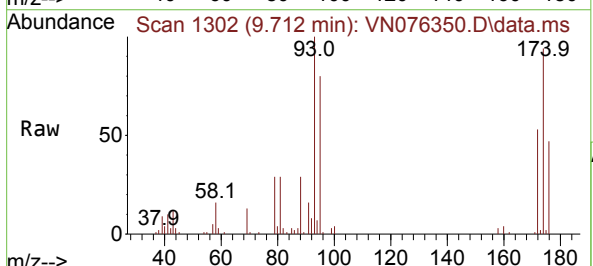
Tgt Ion: 93 Resp: 52892

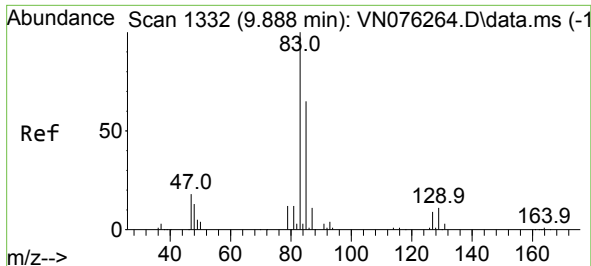
Ion Ratio Lower Upper

93 100

95 83.7 66.0 99.0

174 99.5 81.3 121.9

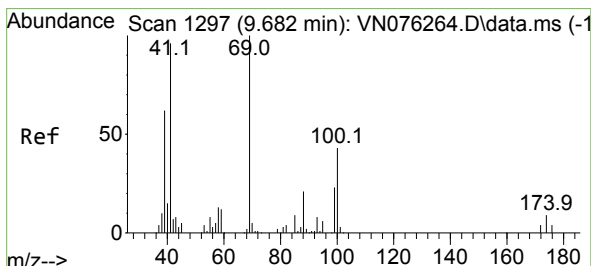
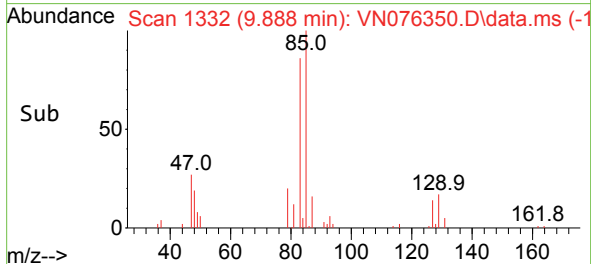
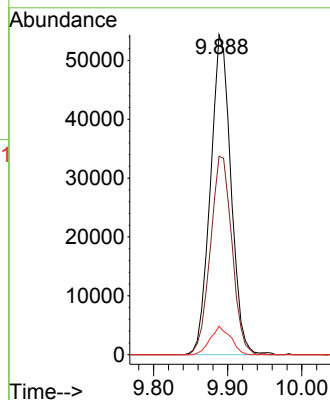
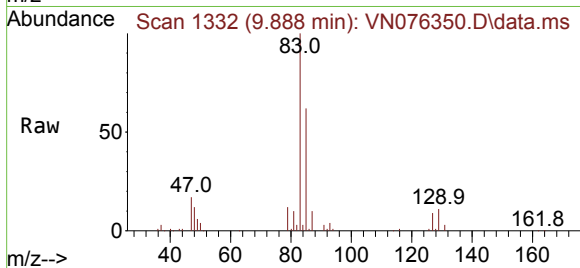




#47
Bromodichloromethane
Concen: 20.968 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

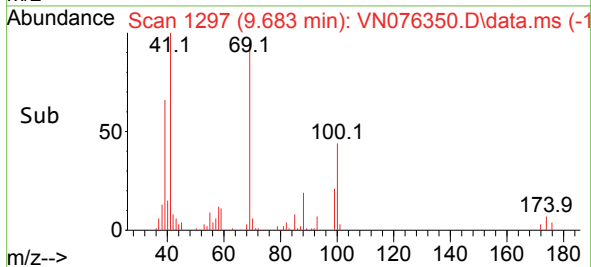
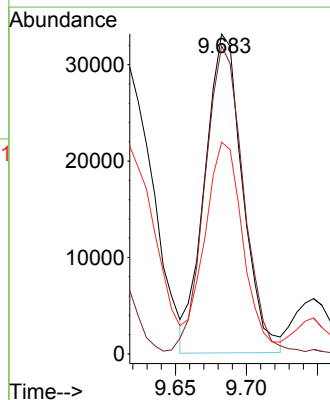
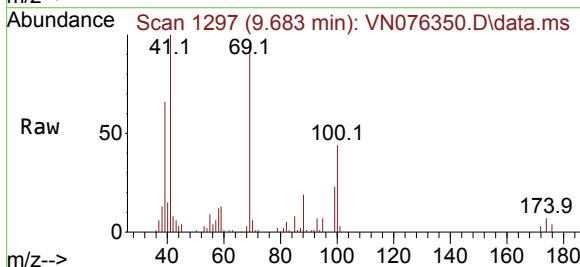
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

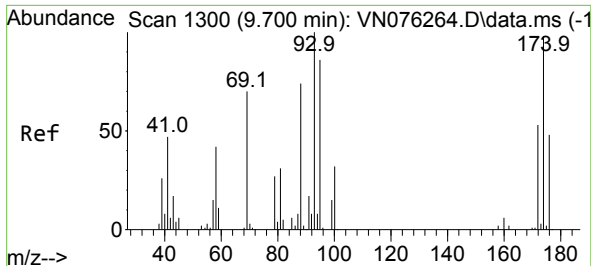
Tgt Ion: 83 Resp: 104462
Ion Ratio Lower Upper
83 100
85 62.0 52.1 78.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 20.836 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.001 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 41 Resp: 61166
Ion Ratio Lower Upper
41 100
69 100.5 80.8 121.2
39 68.4 54.4 81.6





#49

1,4-Dioxane

Concen: 418.375 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

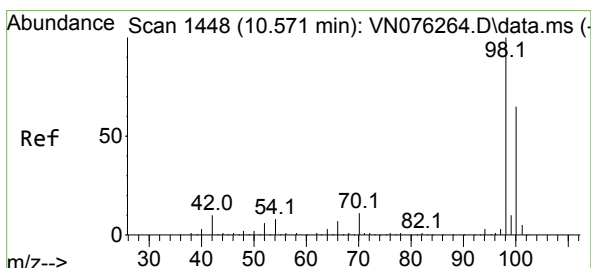
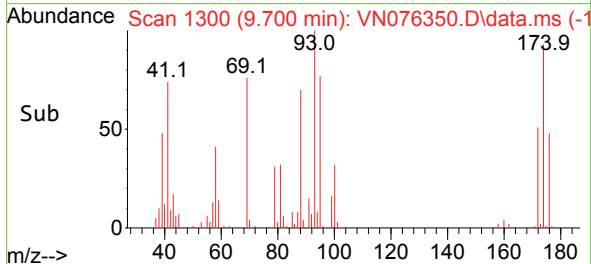
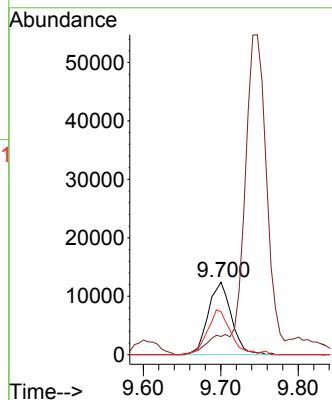
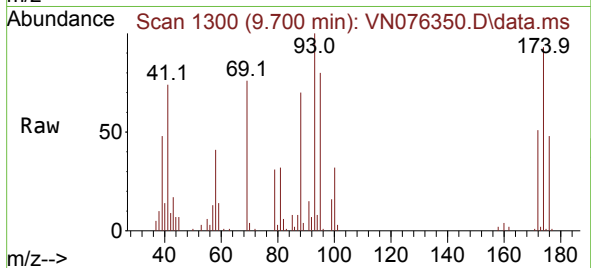
Tgt Ion: 88 Resp: 25915

Ion Ratio Lower Upper

88 100

43 0.0 18.1 27.1#

58 62.4 46.5 69.7



#50

Toluene-d8

Concen: 51.225 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076350.D

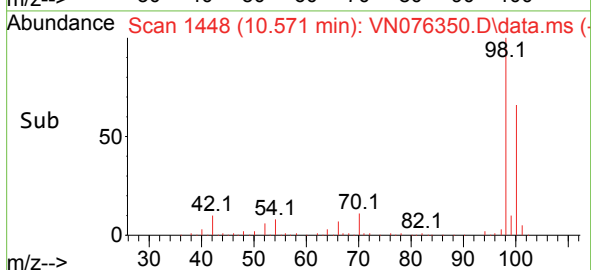
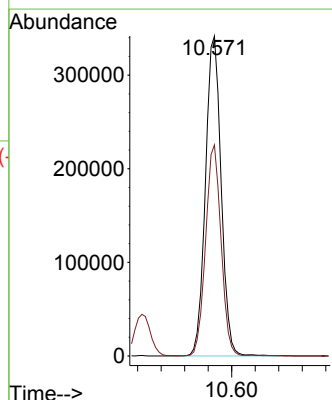
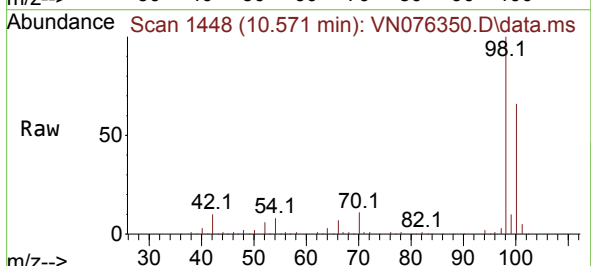
Acq: 20 Jan 2023 16:54

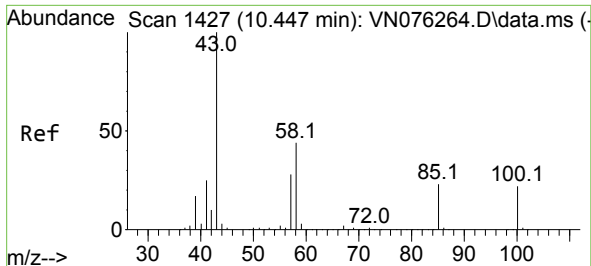
Tgt Ion: 98 Resp: 632665

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4

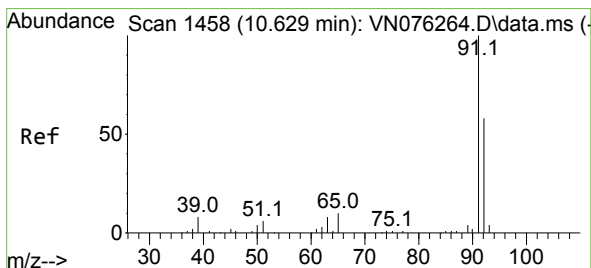
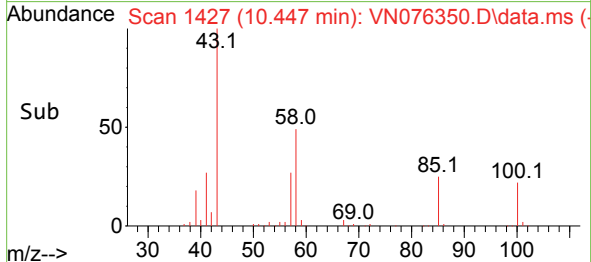
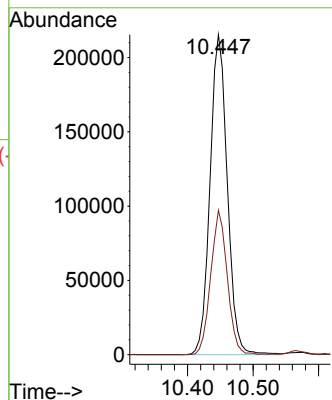
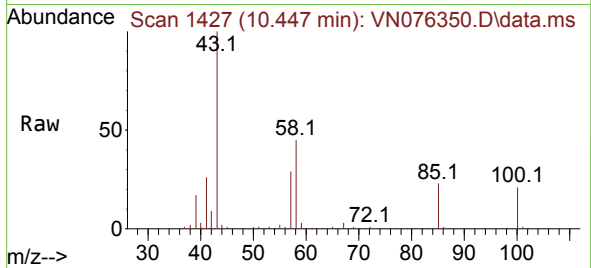




#51
4-Methyl-2-Pentanone
Concen: 108.269 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

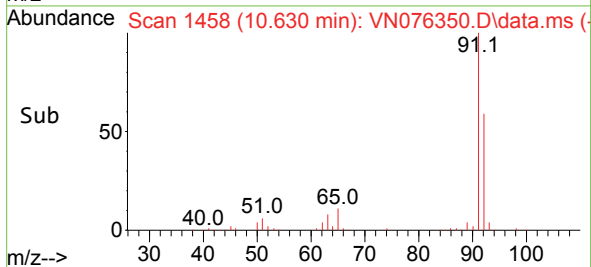
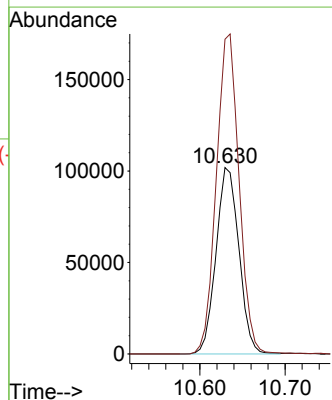
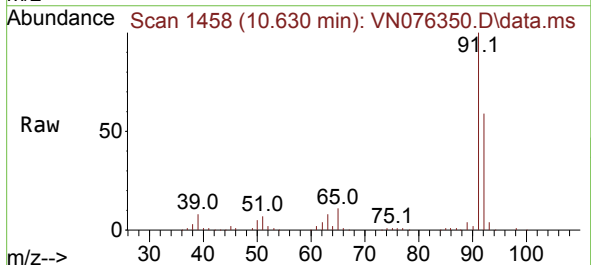
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

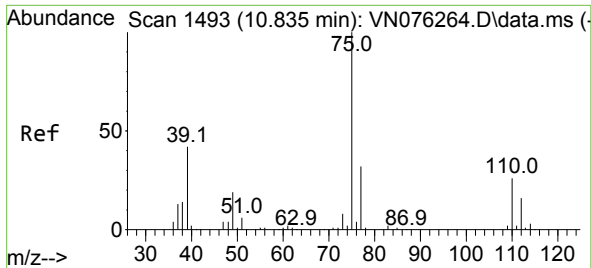
Tgt Ion: 43 Resp: 394109
Ion Ratio Lower Upper
43 100
58 43.3 35.1 52.7



#52
Toluene
Concen: 20.062 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.001 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 92 Resp: 190642
Ion Ratio Lower Upper
92 100
91 170.5 136.6 205.0

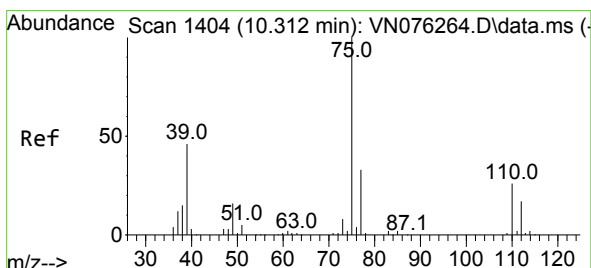
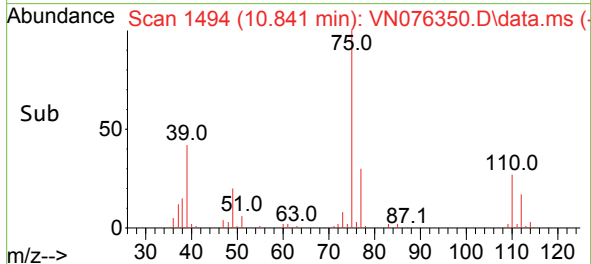
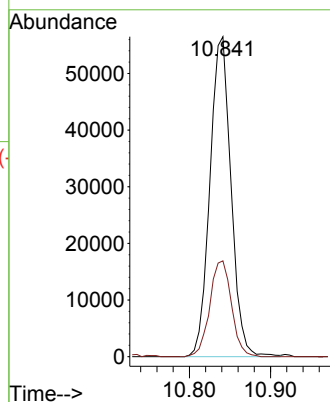
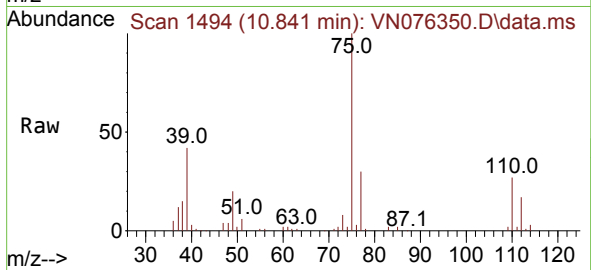




#53
 t-1,3-Dichloropropene
 Concen: 21.469 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN076350.D
 Acq: 20 Jan 2023 16:54

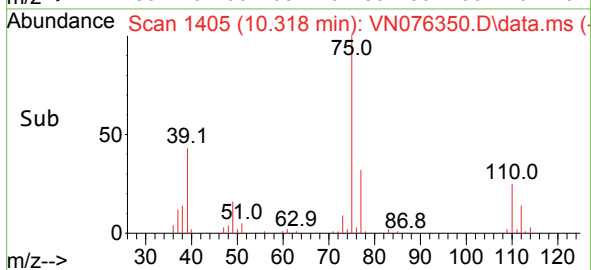
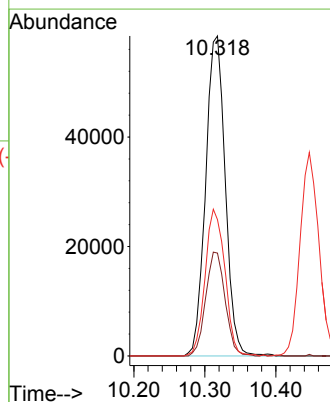
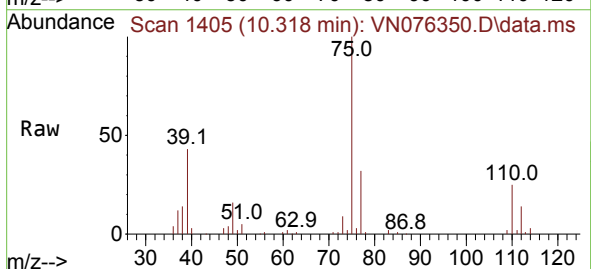
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

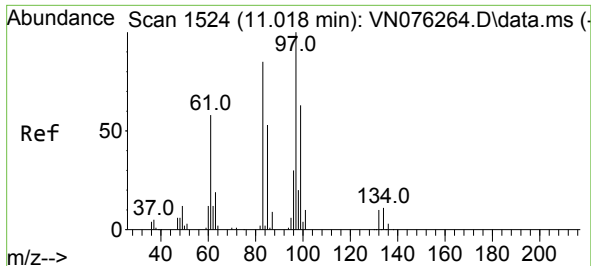
Tgt Ion: 75 Resp: 101962
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.600 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076350.D
 Acq: 20 Jan 2023 16:54

Tgt Ion: 75 Resp: 112554
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.5 39.7
 39 42.6 37.1 55.7

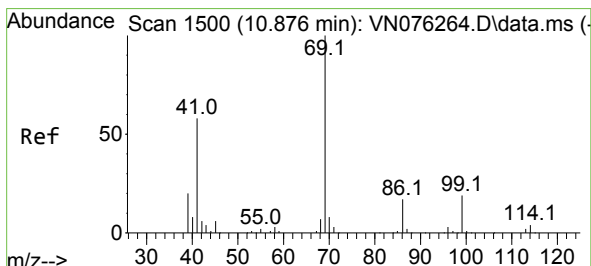
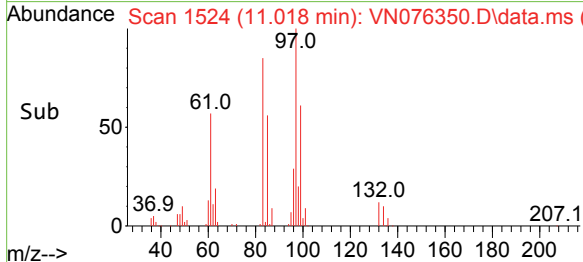
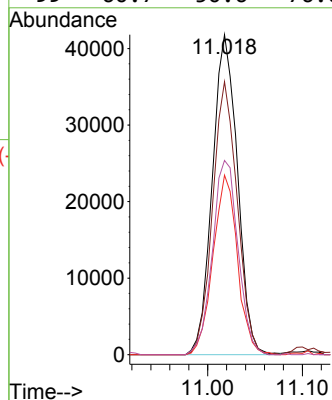
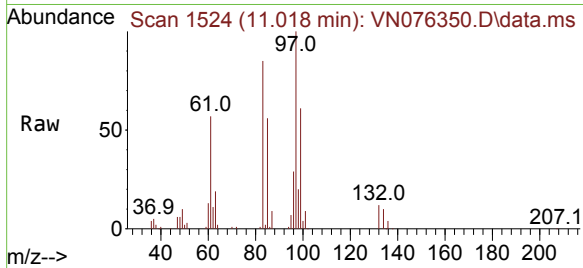




#55
1,1,2-Trichloroethane
Concen: 21.205 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

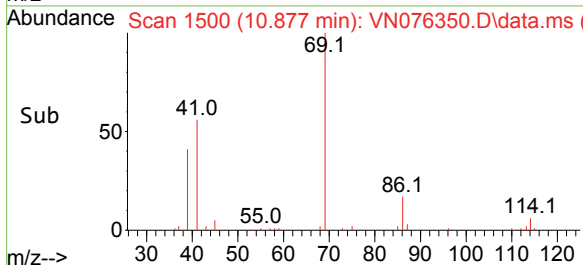
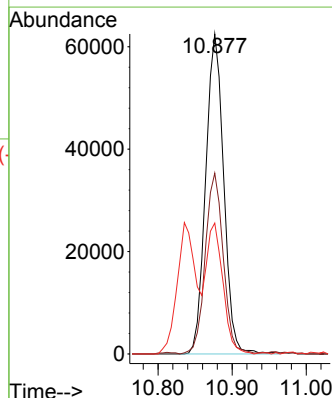
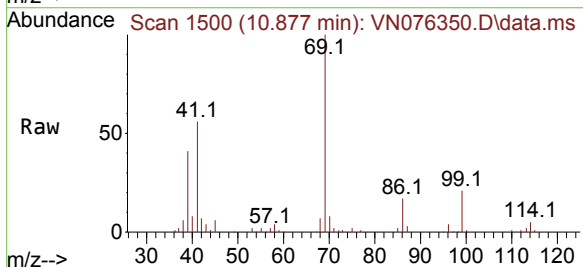
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

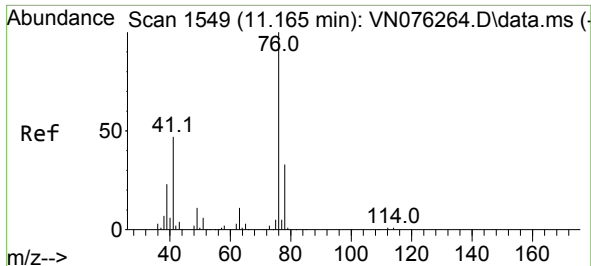
Tgt Ion:	97	Resp:	77021
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.8	101.6
85	56.1	42.3	63.5
99	60.7	50.6	76.0



#56
Ethyl methacrylate
Concen: 22.583 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion:	69	Resp:	105895
Ion	Ratio	Lower	Upper
69	100		
41	56.6	45.3	67.9
39	37.1	29.3	43.9





#57

1,3-Dichloropropane

Concen: 21.145 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

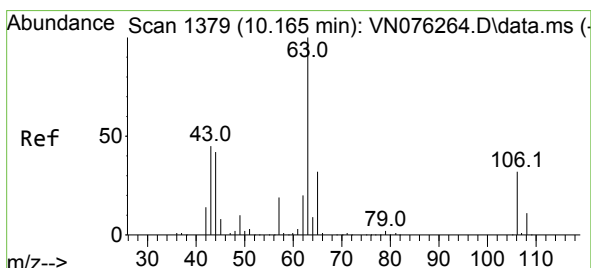
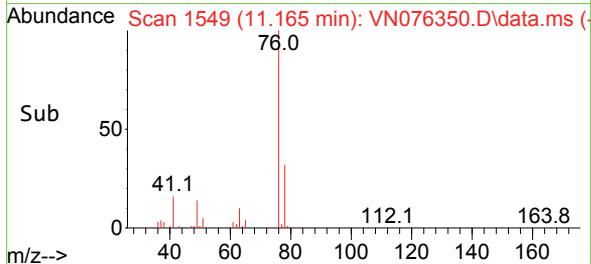
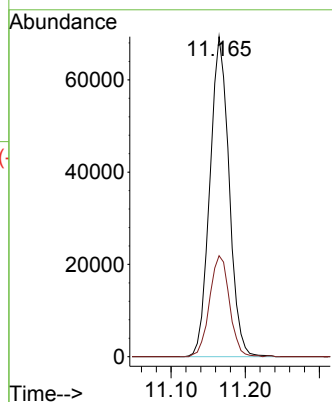
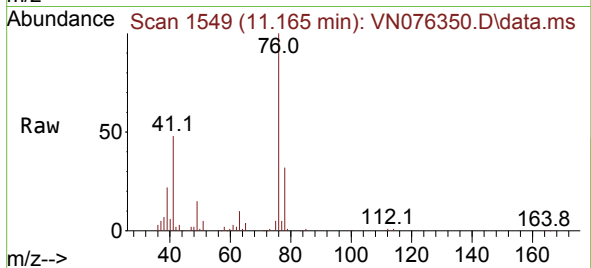
VN0120MBSD01

Tgt Ion: 76 Resp: 124809

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 82.228 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076350.D

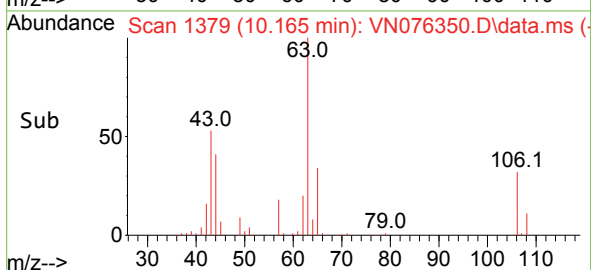
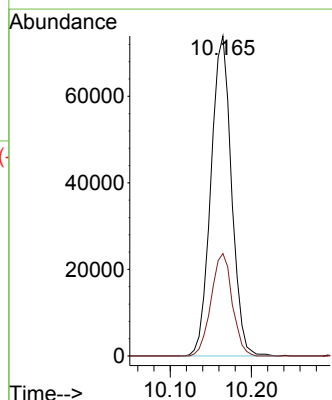
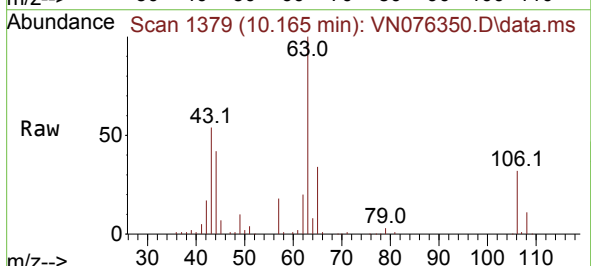
Acq: 20 Jan 2023 16:54

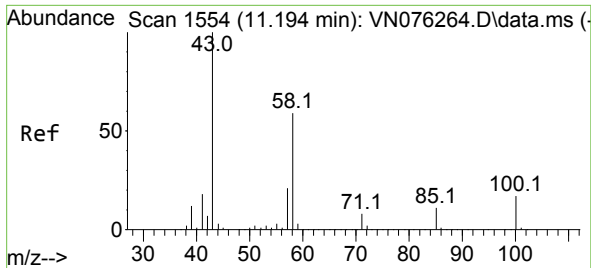
Tgt Ion: 63 Resp: 130171

Ion Ratio Lower Upper

63 100

106 32.9 26.2 39.2

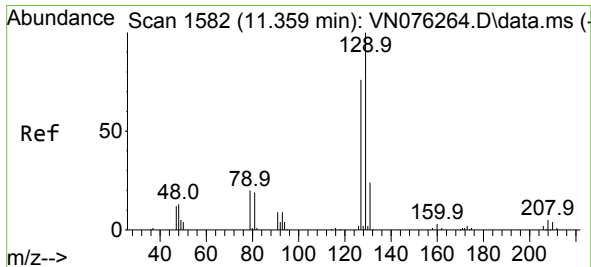
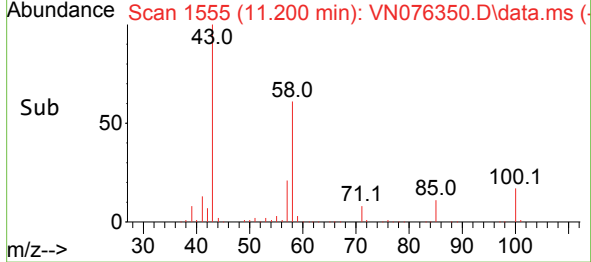
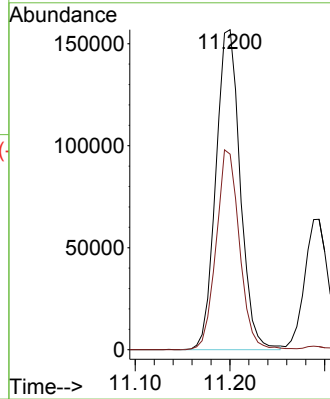
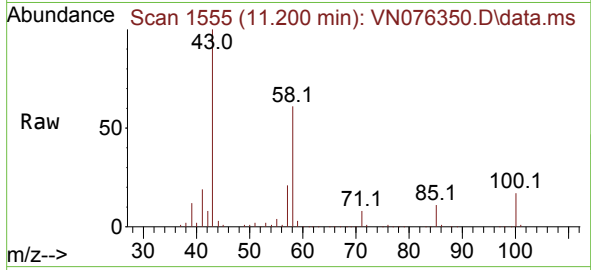




#59
2-Hexanone
Concen: 106.148 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

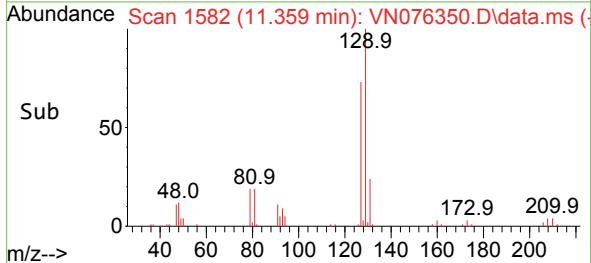
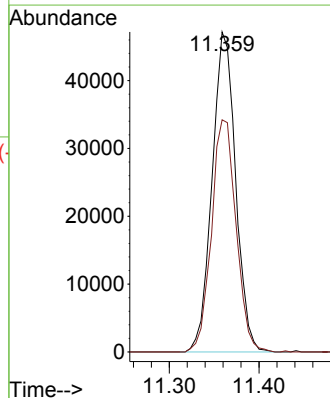
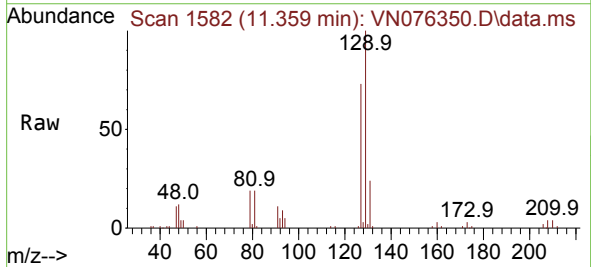
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

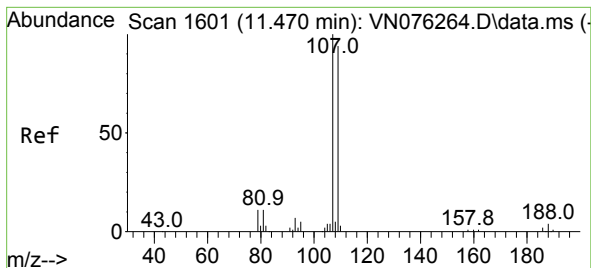
Tgt Ion: 43 Resp: 279999
Ion Ratio Lower Upper
43 100
58 60.1 30.1 90.3



#60
Dibromochloromethane
Concen: 22.451 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 129 Resp: 85841
Ion Ratio Lower Upper
129 100
127 75.8 38.7 116.1

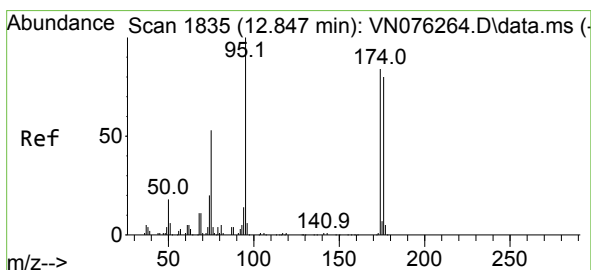
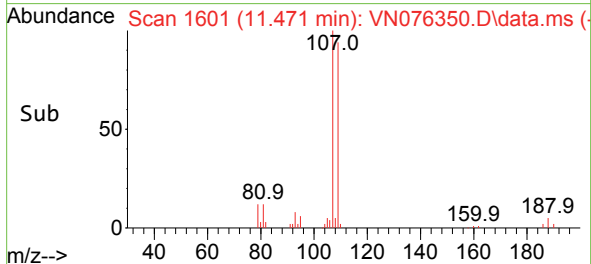
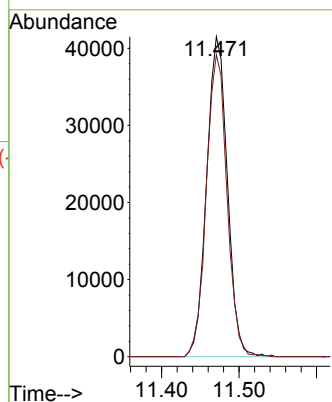
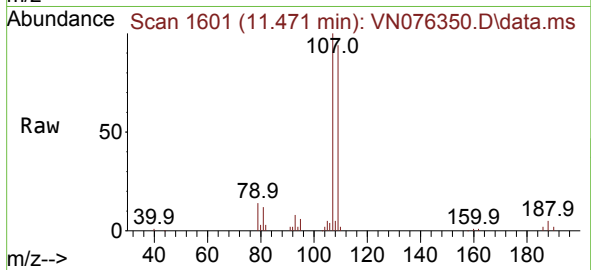




#61
1,2-Dibromoethane
Concen: 21.258 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

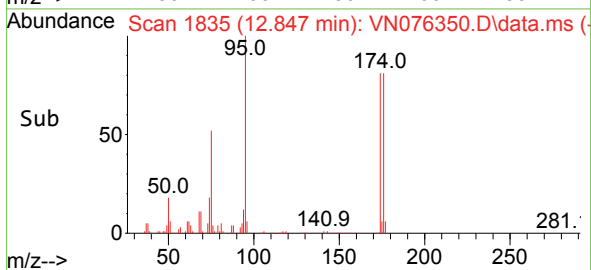
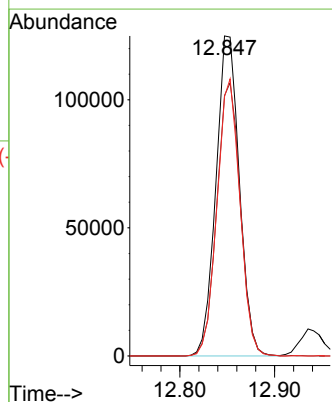
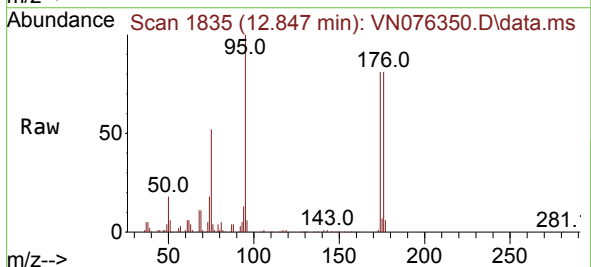
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

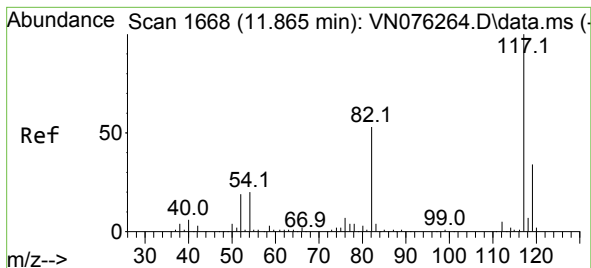
Tgt Ion:107 Resp: 77070
Ion Ratio Lower Upper
107 100
109 94.0 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 53.257 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 95 Resp: 214729
Ion Ratio Lower Upper
95 100
174 85.6 0.0 174.6
176 84.3 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

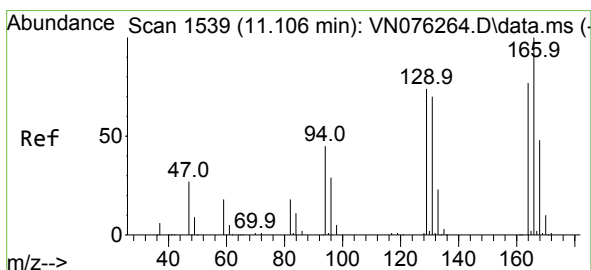
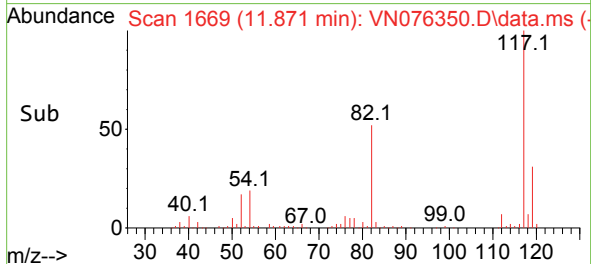
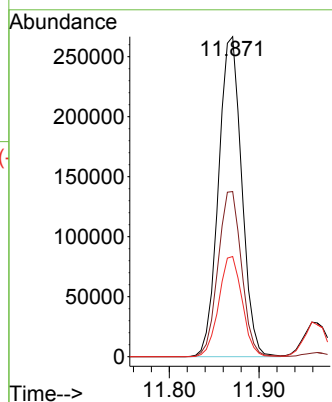
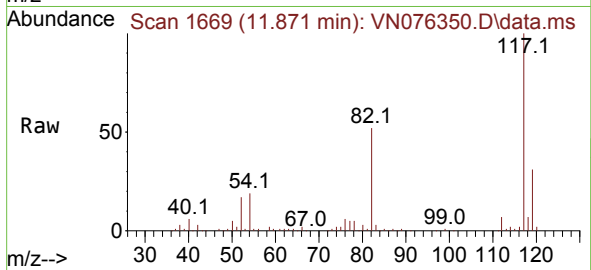
Tgt Ion:117 Resp: 478705

Ion Ratio Lower Upper

117 100

82 51.6 42.2 63.2

119 31.3 26.9 40.3



#64

Tetrachloroethene

Concen: 19.642 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Tgt Ion:164 Resp: 84796

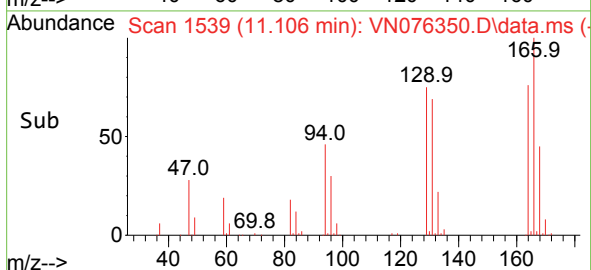
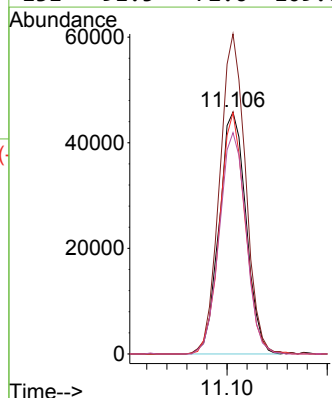
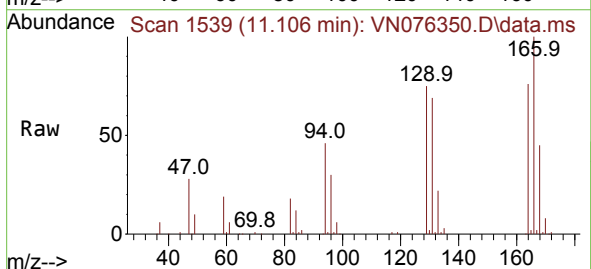
Ion Ratio Lower Upper

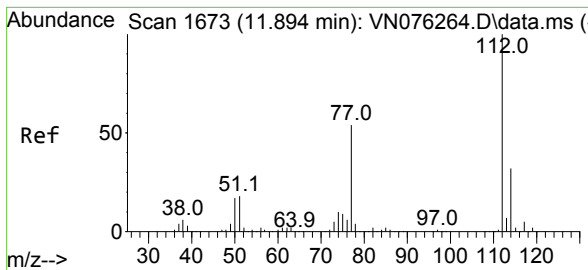
164 100

166 132.3 104.0 156.0

129 99.7 76.6 114.8

131 91.5 72.6 109.0

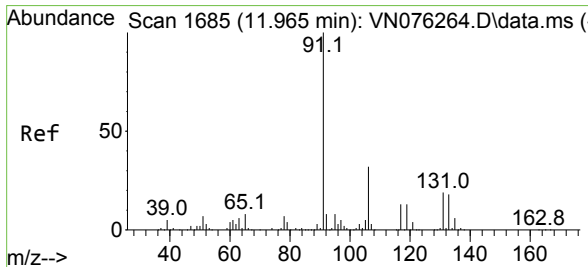
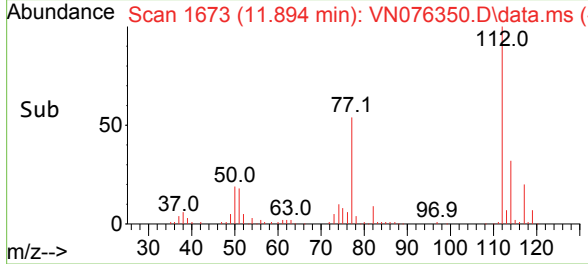
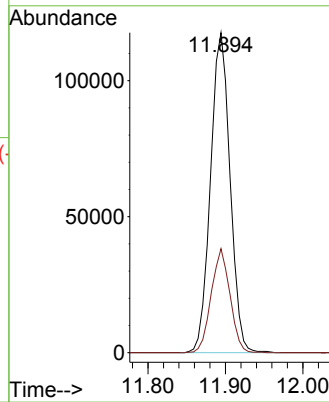
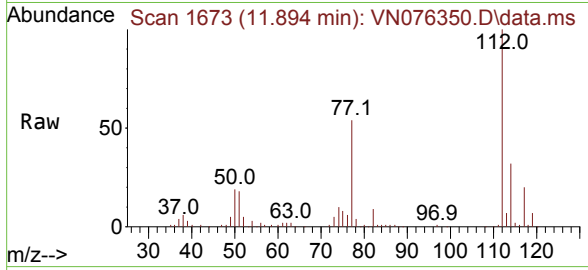




#65
Chlorobenzene
Concen: 20.385 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

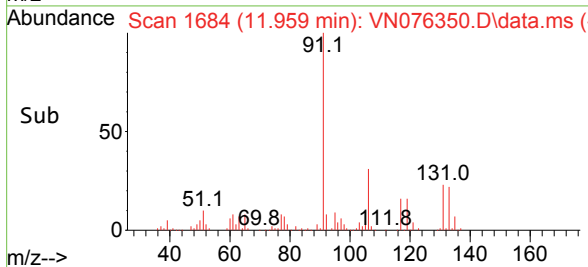
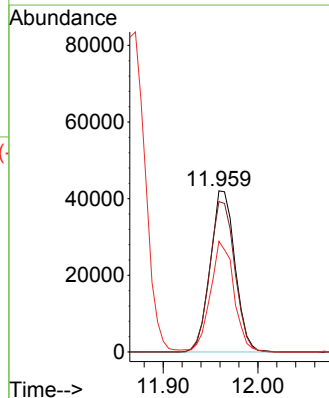
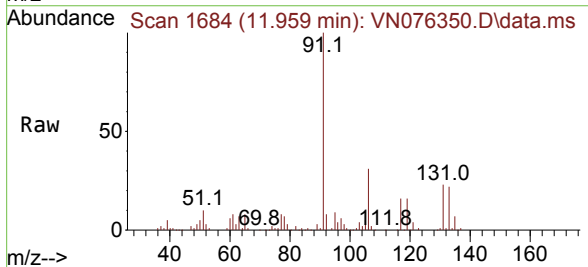
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

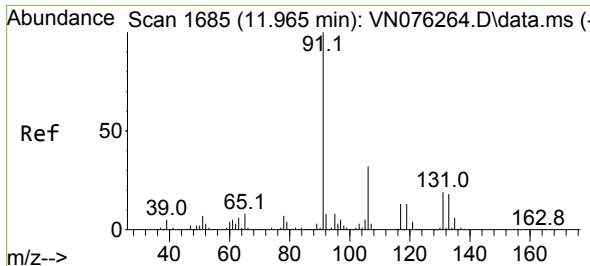
Tgt Ion:112 Resp: 206283
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.247 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion:131 Resp: 76228
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.2
119 65.7 32.3 96.8

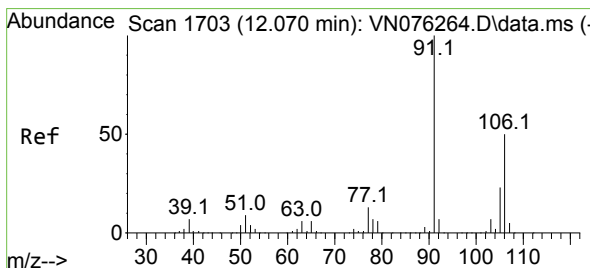
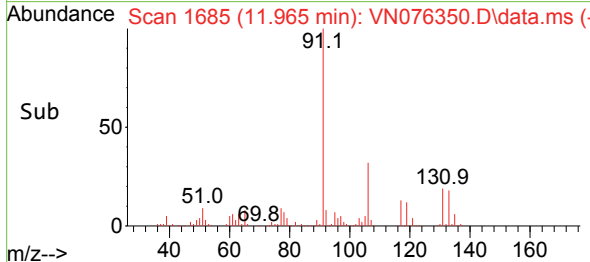
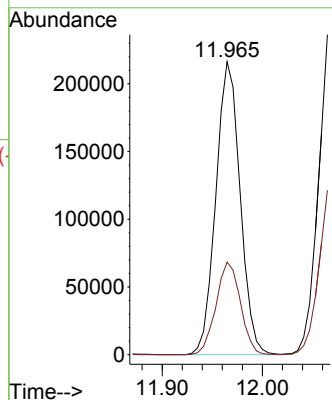
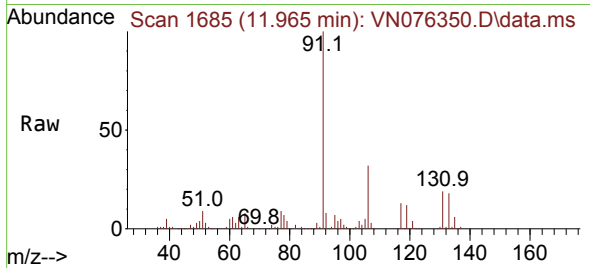




#67
Ethyl Benzene
Concen: 20.949 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

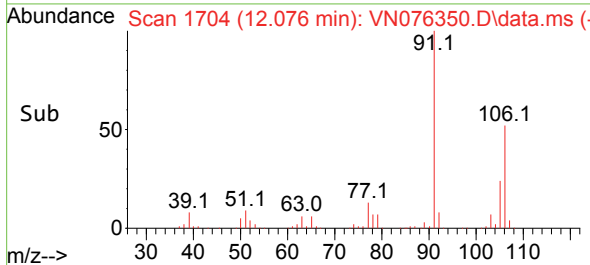
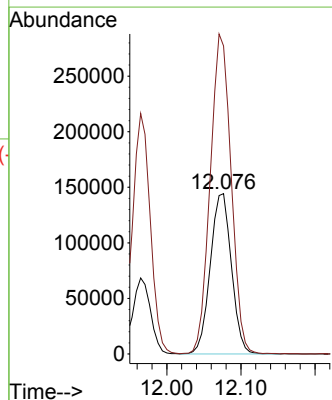
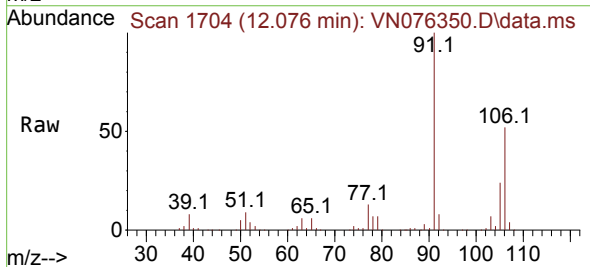
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

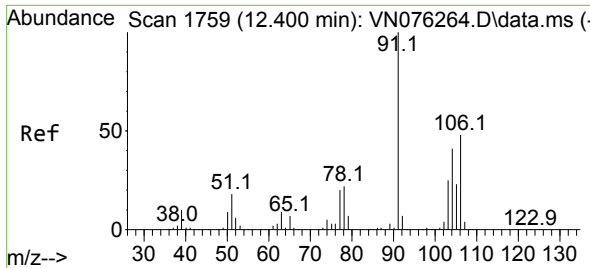
Tgt Ion: 91 Resp: 362819
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 41.145 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion:106 Resp: 285736
Ion Ratio Lower Upper
106 100
91 197.3 157.5 236.3

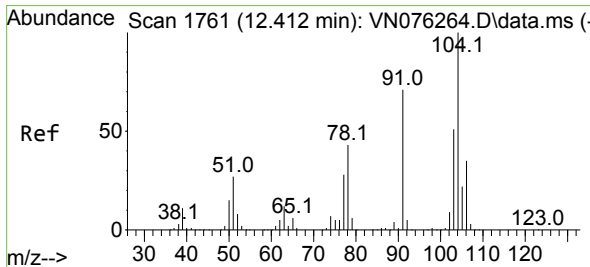
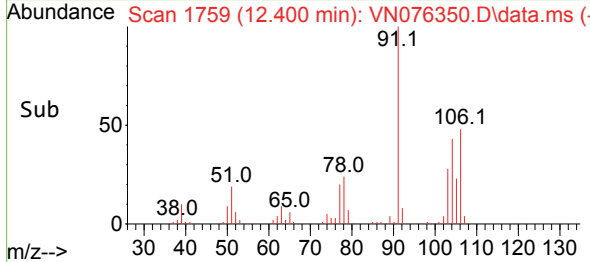
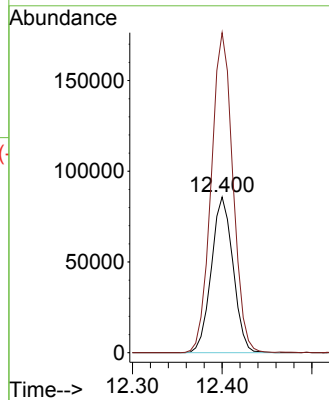
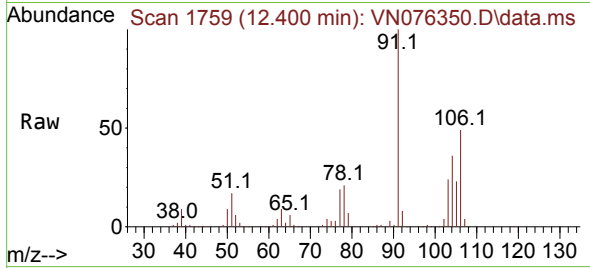




#69
o-Xylene
Concen: 21.094 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

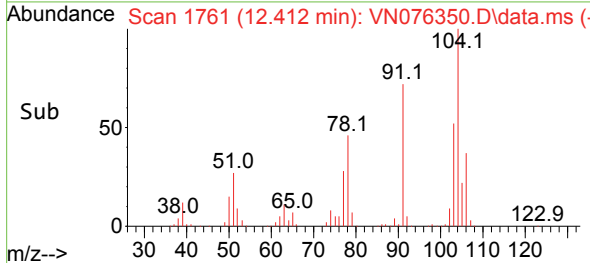
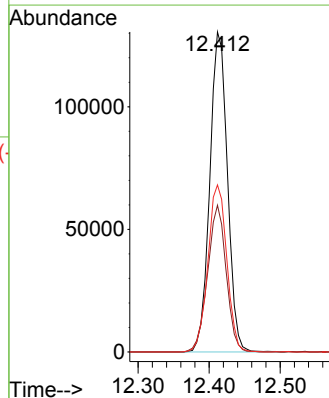
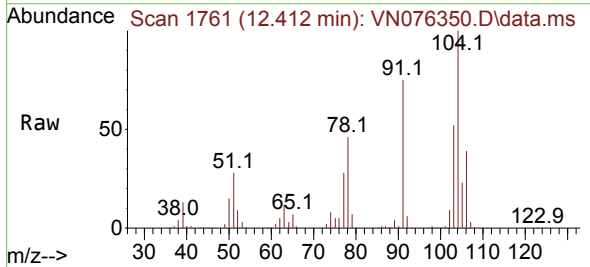
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

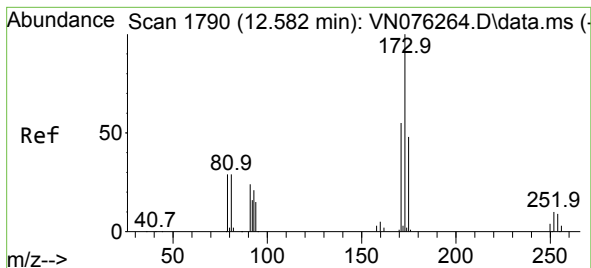
Tgt Ion:106 Resp: 143859
Ion Ratio Lower Upper
106 100
91 206.0 103.2 309.4



#70
Styrene
Concen: 20.703 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion:104 Resp: 225440
Ion Ratio Lower Upper
104 100
78 48.3 37.4 56.0
103 55.9 44.2 66.2





#71

Bromoform

Concen: 21.313 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBSD01

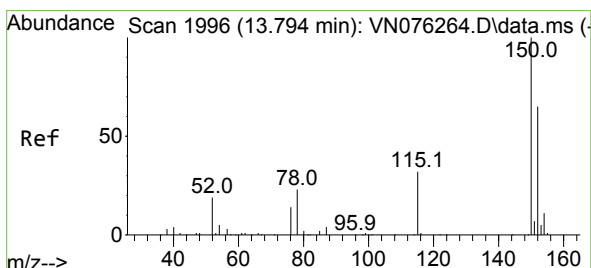
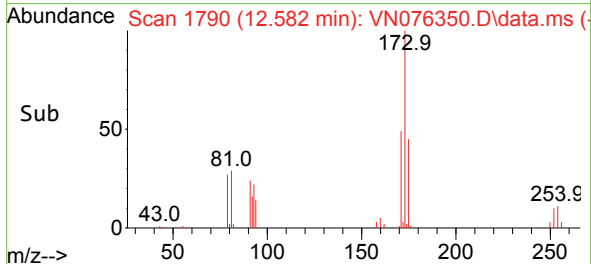
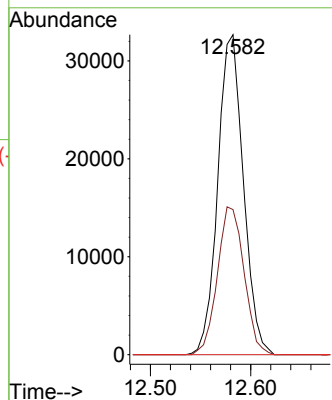
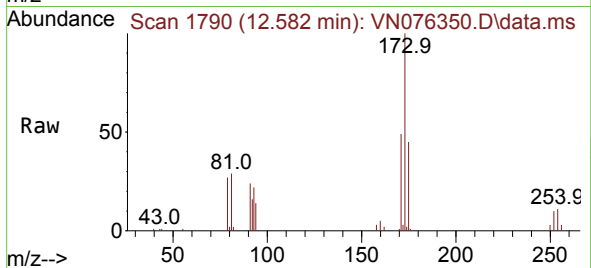
Tgt Ion:173 Resp: 57949

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

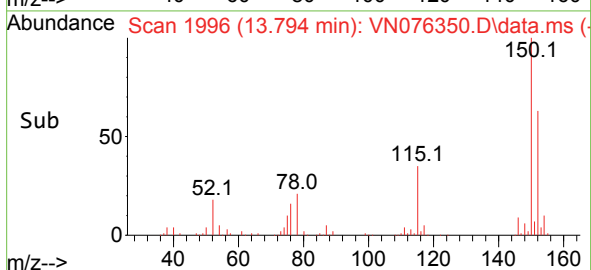
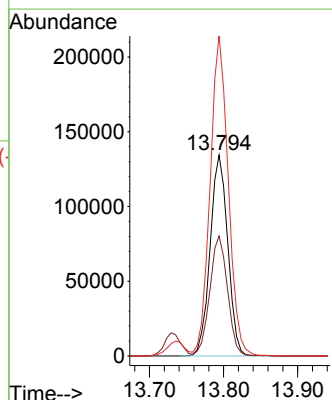
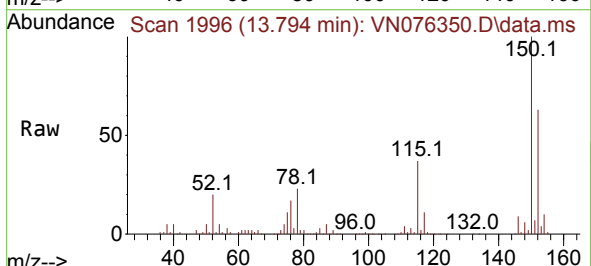
Tgt Ion:152 Resp: 222426

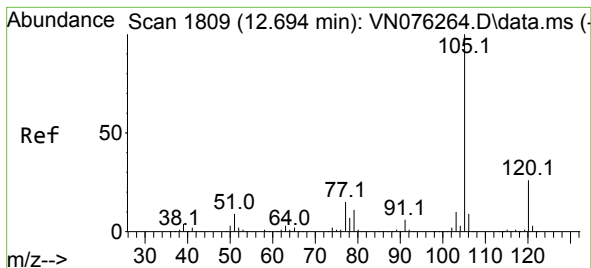
Ion Ratio Lower Upper

152 100

115 59.8 29.6 88.9

150 163.4 0.0 351.4





#73

Isopropylbenzene

Concen: 21.287 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

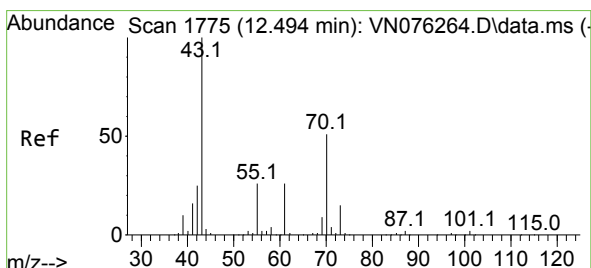
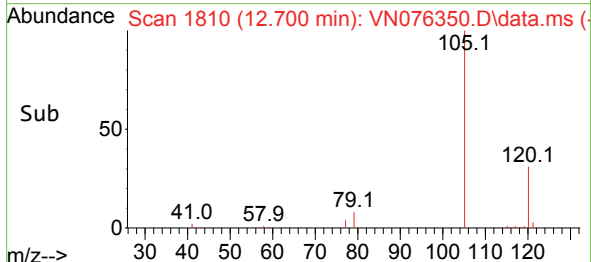
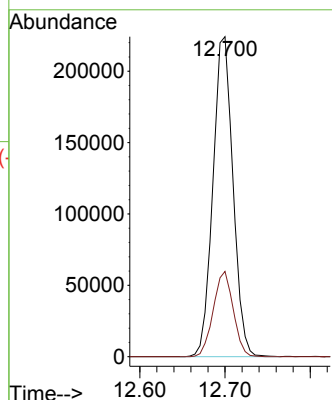
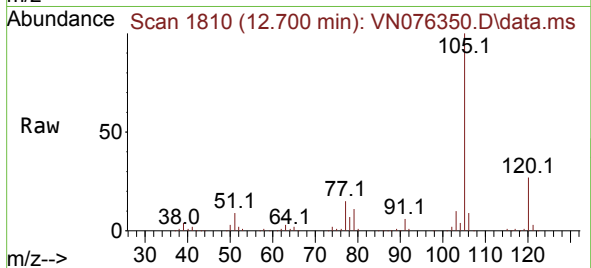
VN0120MBS01

Tgt Ion:105 Resp: 366283

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 21.022 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Tgt Ion: 43 Resp: 104048

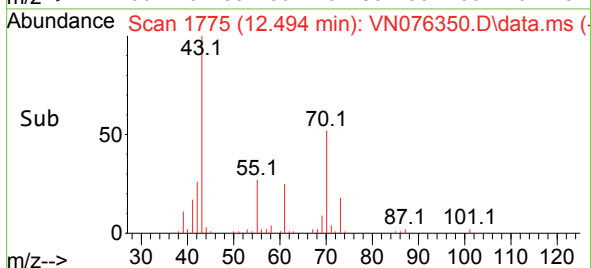
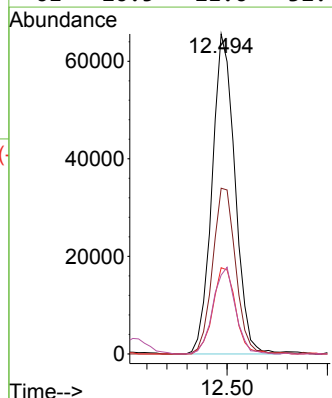
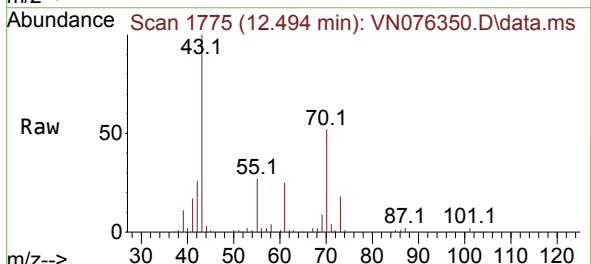
Ion Ratio Lower Upper

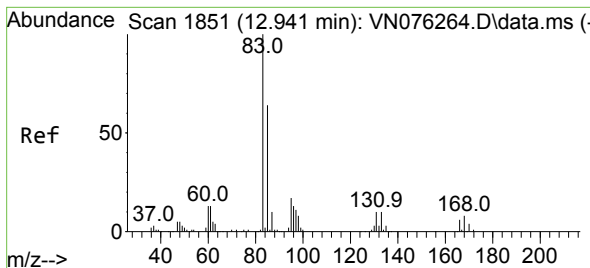
43 100

70 52.4 41.2 61.8

55 27.0 21.0 31.6

61 26.5 21.6 32.4

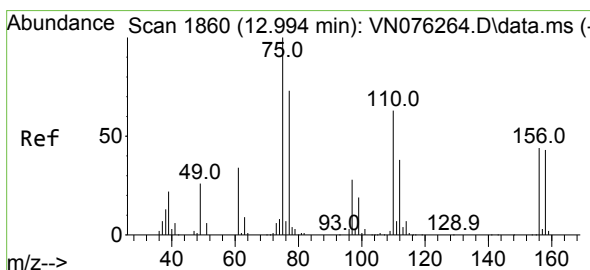
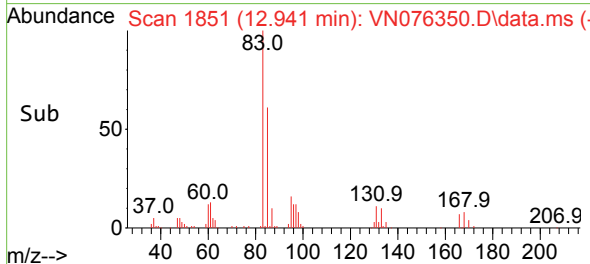
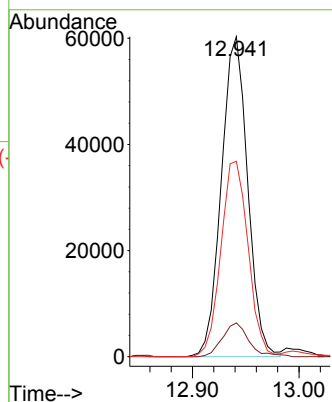
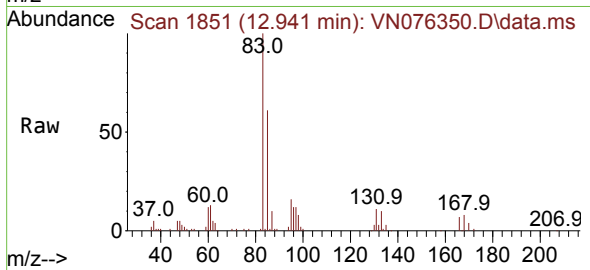




#75
1,1,2,2-Tetrachloroethane
Concen: 20.924 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

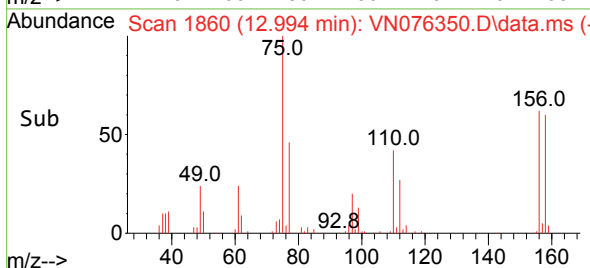
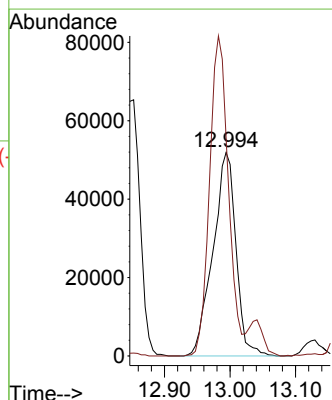
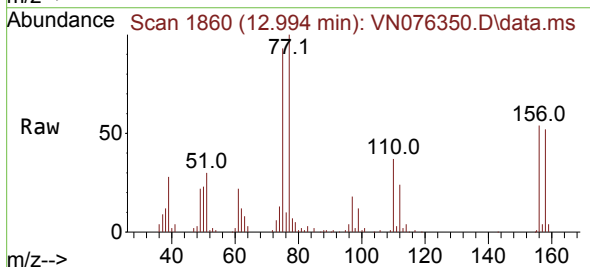
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

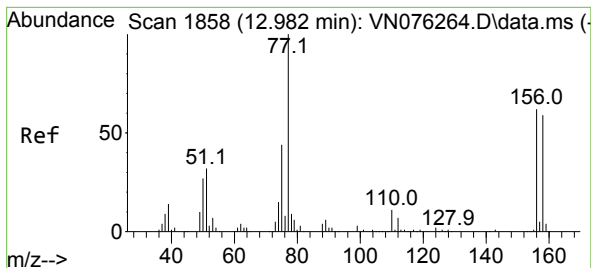
Tgt Ion: 83 Resp: 103502
Ion Ratio Lower Upper
83 100
131 10.6 5.5 16.4
85 63.1 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 30.783 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 75 Resp: 126211
Ion Ratio Lower Upper
75 100
77 129.8 75.2 225.6





#77

Bromobenzene

Concen: 21.474 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBSD01

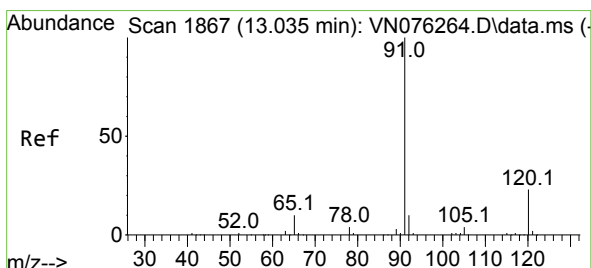
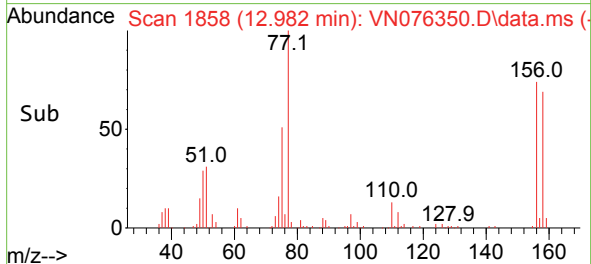
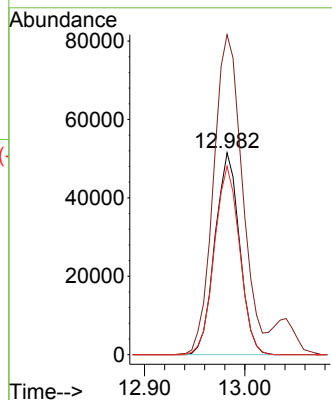
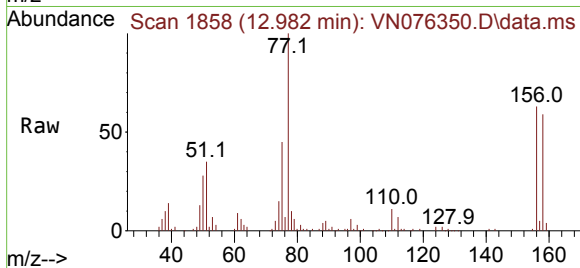
Tgt Ion:156 Resp: 87678

Ion Ratio Lower Upper

156 100

77 186.8 93.4 280.2

158 95.7 48.4 145.2



#78

n-propylbenzene

Concen: 21.215 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN076350.D

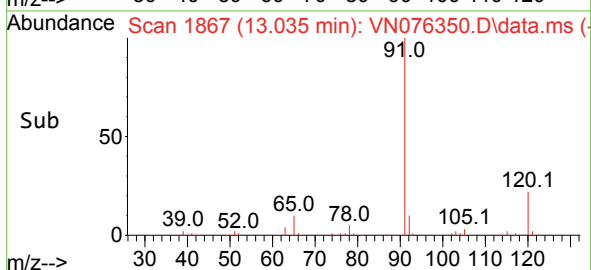
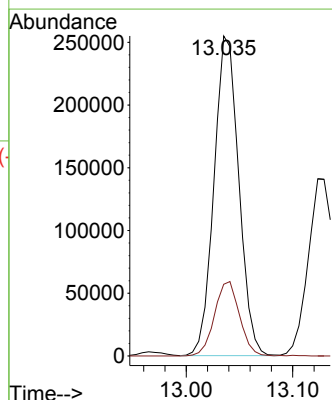
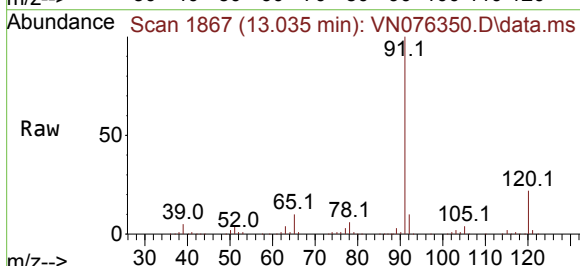
Acq: 20 Jan 2023 16:54

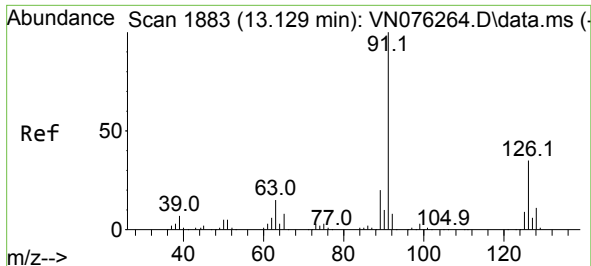
Tgt Ion: 91 Resp: 411895

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5

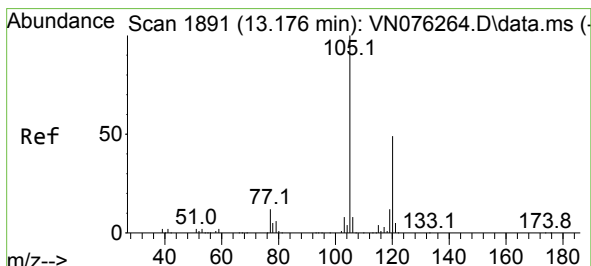
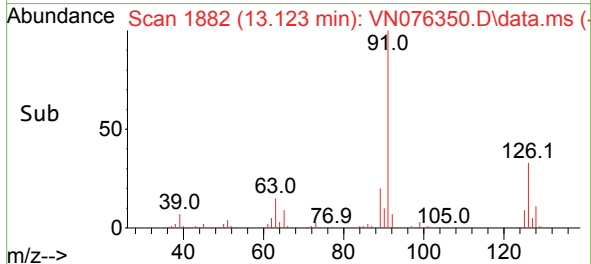
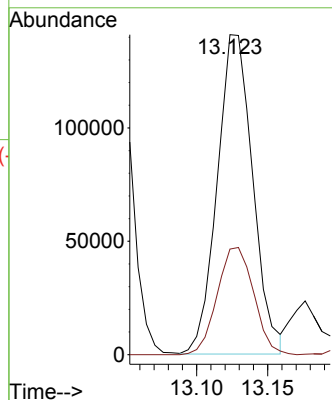
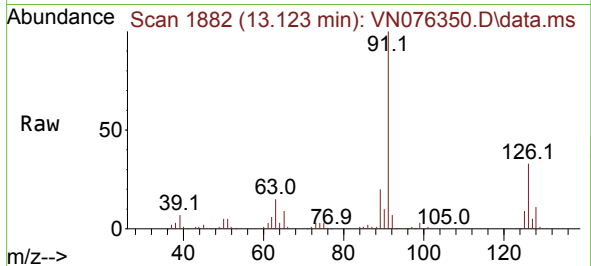




#79
2-Chlorotoluene
Concen: 20.585 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

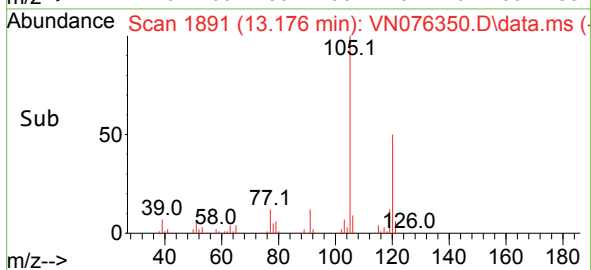
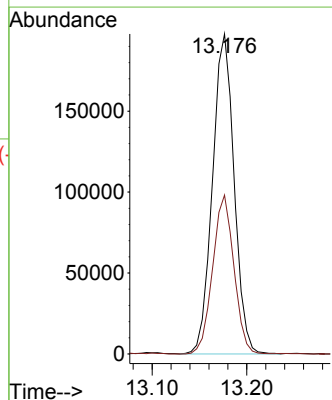
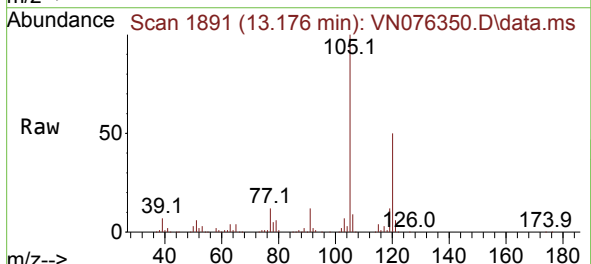
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

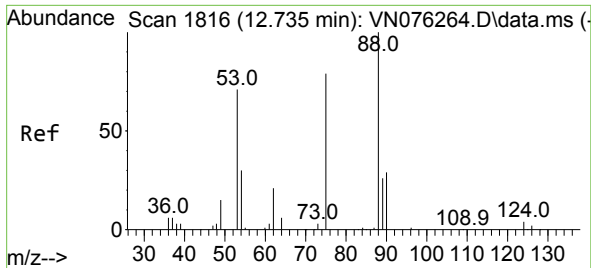
Tgt Ion: 91 Resp: 245242
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 21.747 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 105 Resp: 313485
Ion Ratio Lower Upper
105 100
120 48.8 25.0 75.0

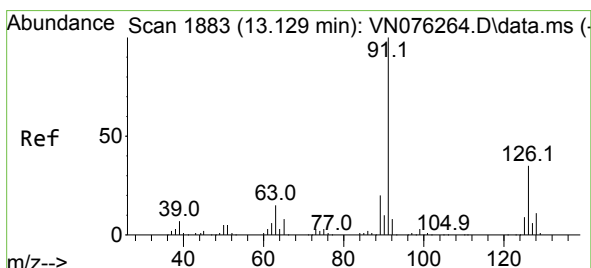
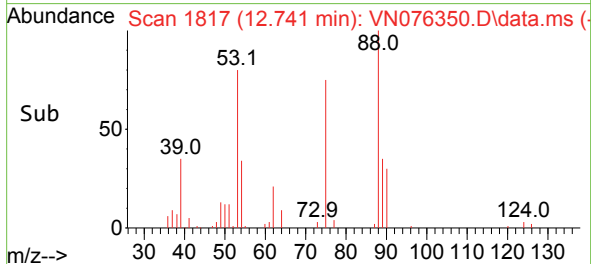
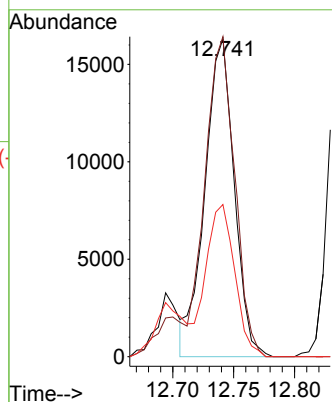
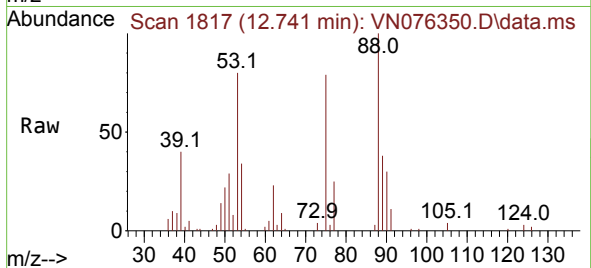




#81
trans-1,4-Dichloro-2-butene
Concen: 20.451 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

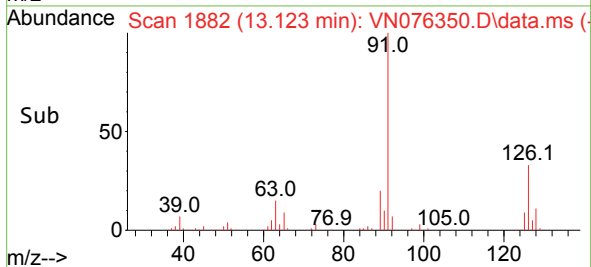
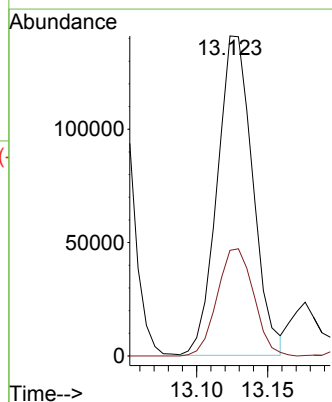
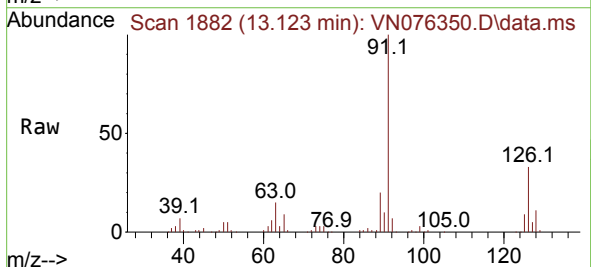
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

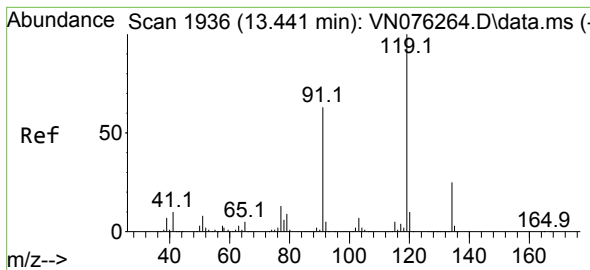
Tgt Ion: 75 Resp: 27340
Ion Ratio Lower Upper
75 100
53 114.2 75.8 113.8#
89 48.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 20.585 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 91 Resp: 245242
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.2

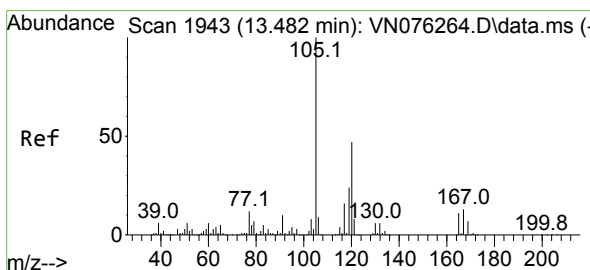
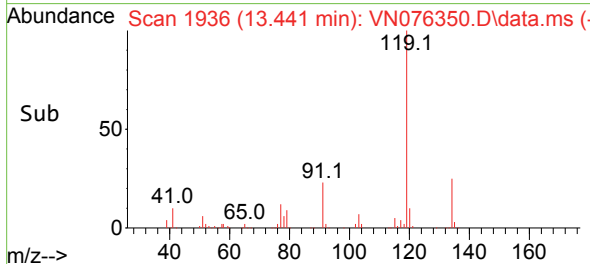
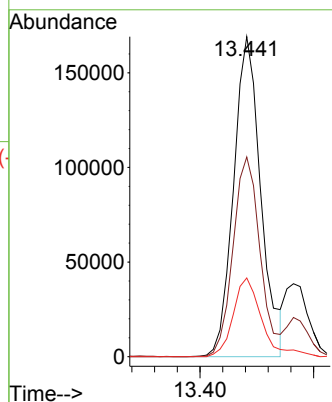
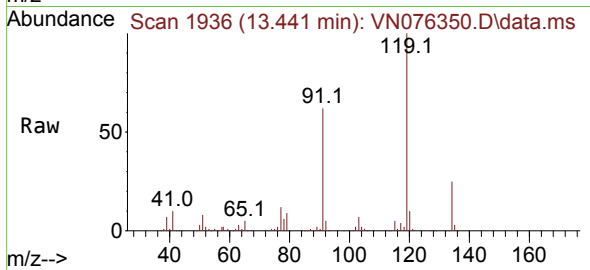




#83
tert-Butylbenzene
Concen: 21.930 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

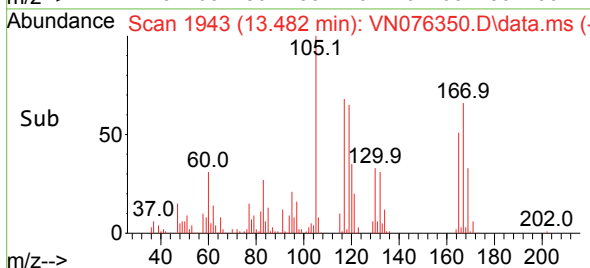
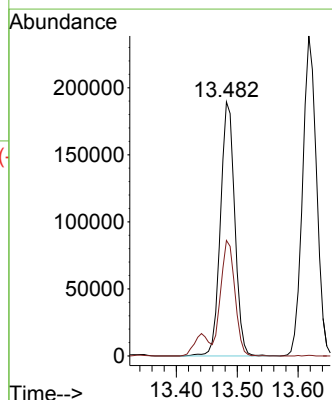
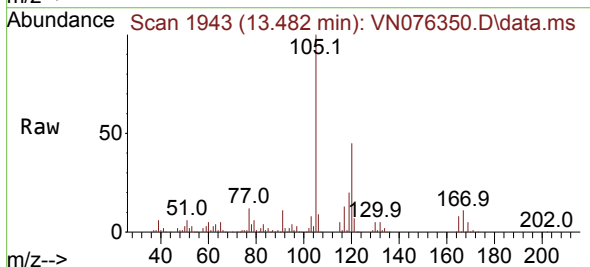
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

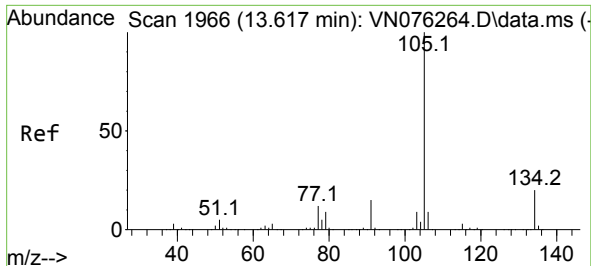
Tgt Ion:119 Resp: 281161
Ion Ratio Lower Upper
119 100
91 62.3 32.2 96.6
134 25.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.394 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion:105 Resp: 309247
Ion Ratio Lower Upper
105 100
120 44.9 22.9 68.5

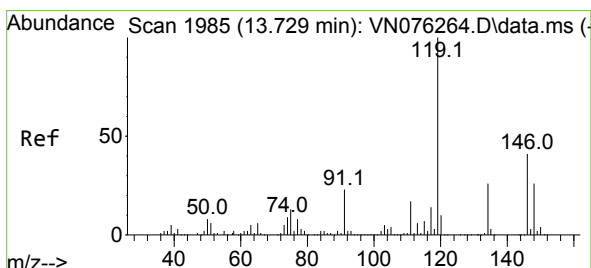
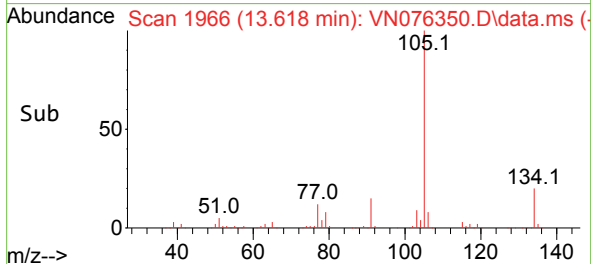
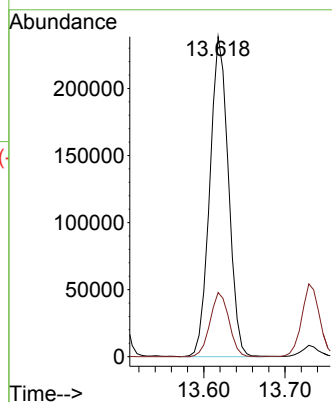
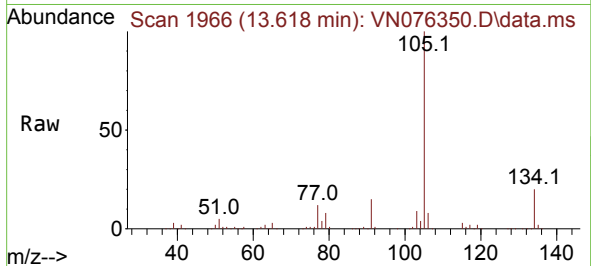




#85
 sec-Butylbenzene
 Concen: 21.348 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076350.D
 Acq: 20 Jan 2023 16:54

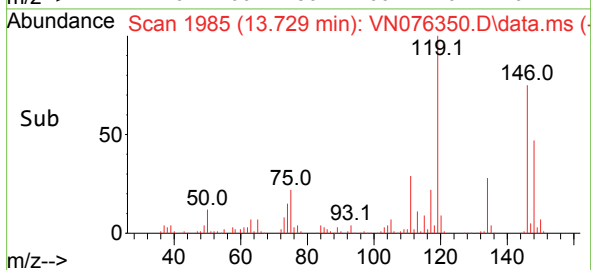
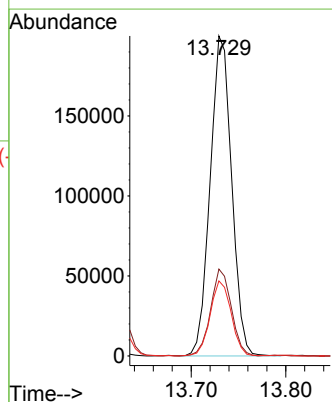
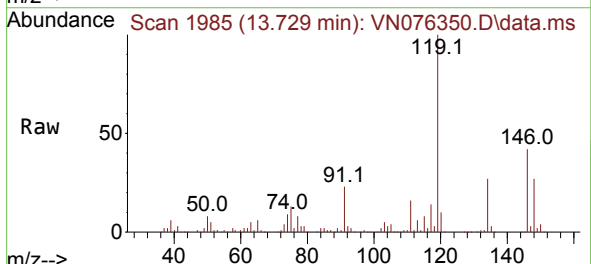
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBSD01

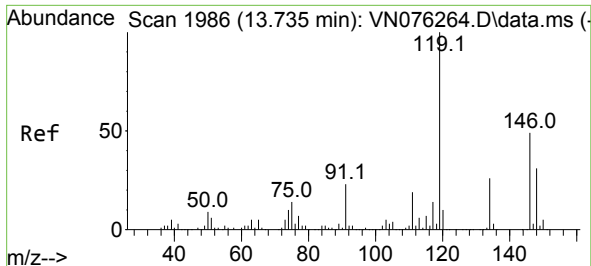
Tgt Ion:105 Resp: 379791
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.608 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076350.D
 Acq: 20 Jan 2023 16:54

Tgt Ion:119 Resp: 316110
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.6
 91 23.0 11.8 35.3

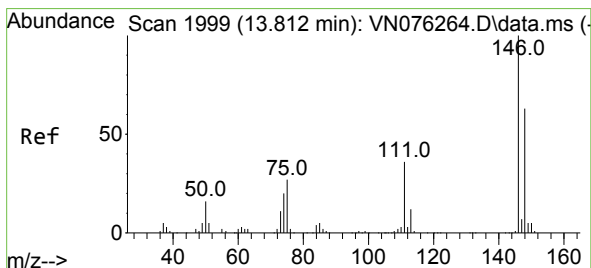
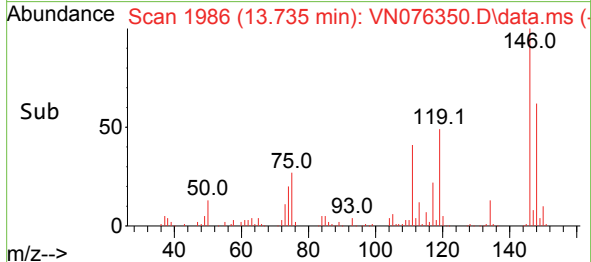
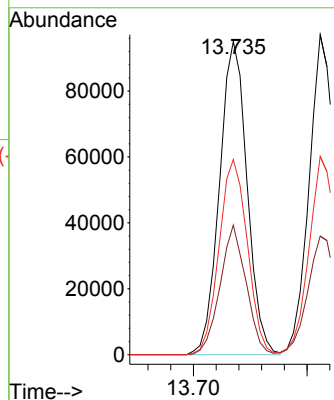
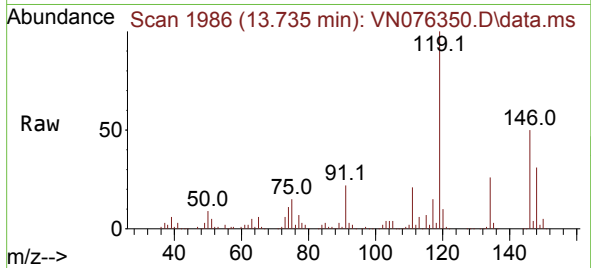




#87
 1,3-Dichlorobenzene
 Concen: 19.789 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076350.D
 Acq: 20 Jan 2023 16:54

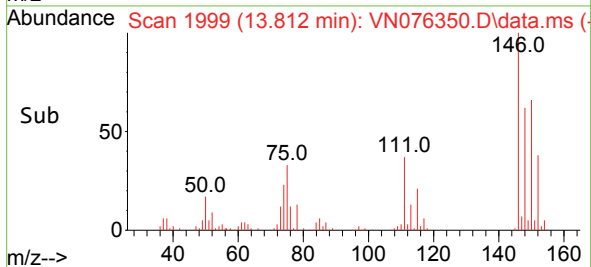
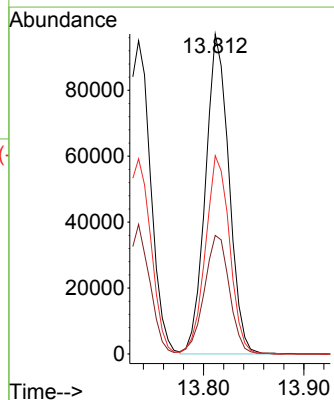
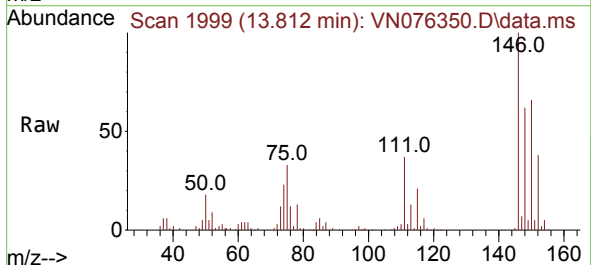
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

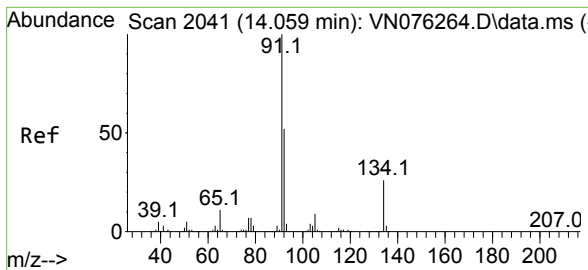
Tgt Ion:146 Resp: 160490
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.9 59.7
 148 63.8 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.572 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076350.D
 Acq: 20 Jan 2023 16:54

Tgt Ion:146 Resp: 158248
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.1 57.5
 148 63.7 31.9 95.9

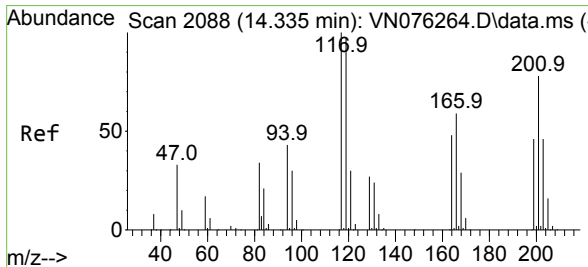
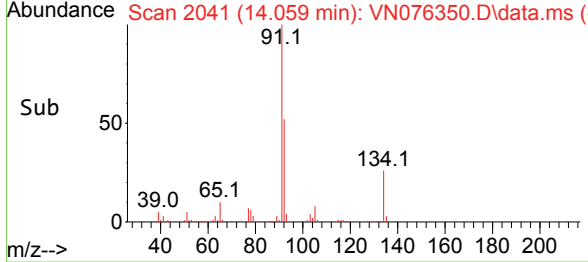
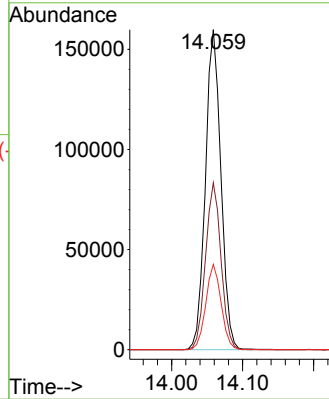
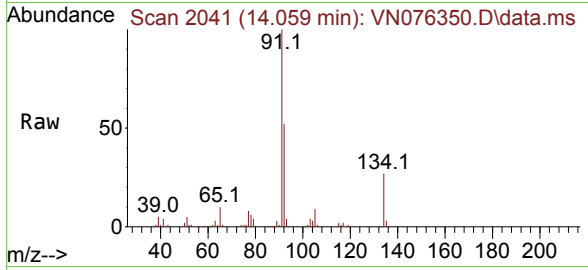




#89
n-Butylbenzene
Concen: 20.905 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

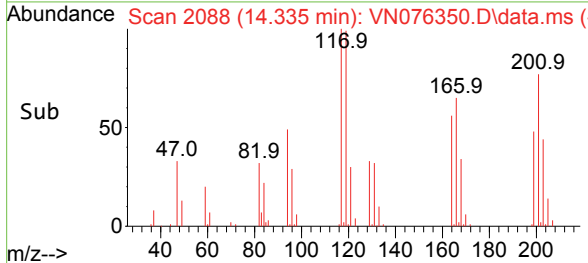
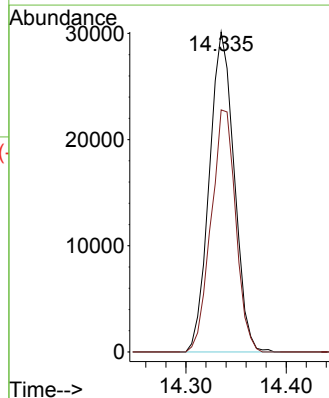
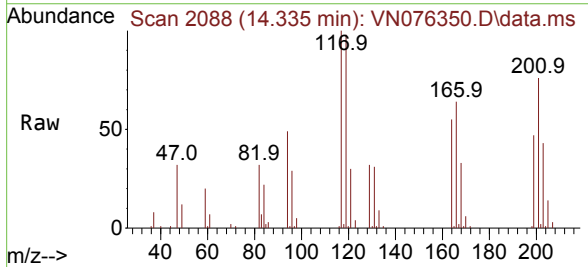
Instrument :
MSVOA_N
ClientSampleId :
VN0120MBSD01

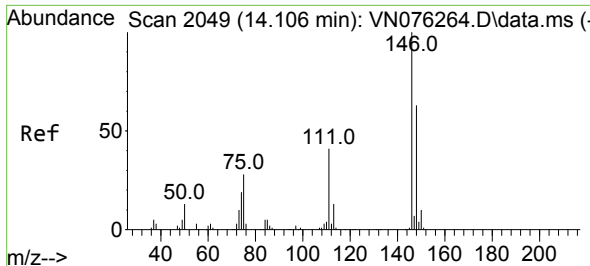
Tgt Ion: 91 Resp: 242771
Ion Ratio Lower Upper
91 100
92 52.2 26.3 78.9
134 26.4 13.2 39.5



#90
Hexachloroethane
Concen: 20.541 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076350.D
Acq: 20 Jan 2023 16:54

Tgt Ion: 117 Resp: 51863
Ion Ratio Lower Upper
117 100
201 74.9 37.3 111.9

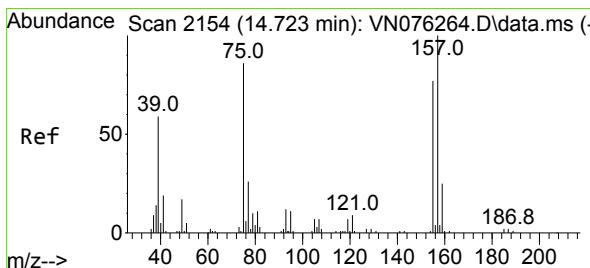
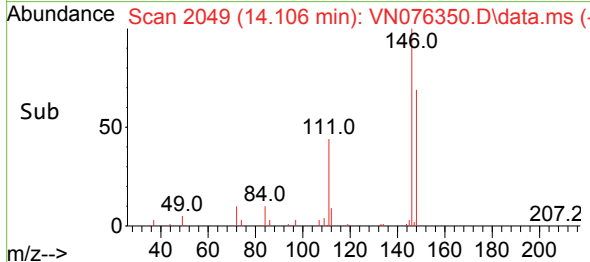
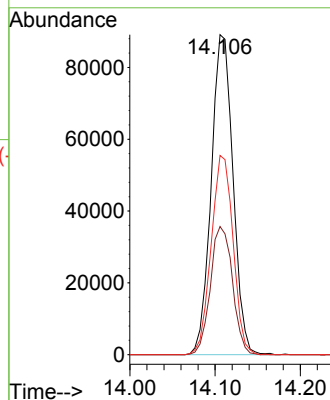
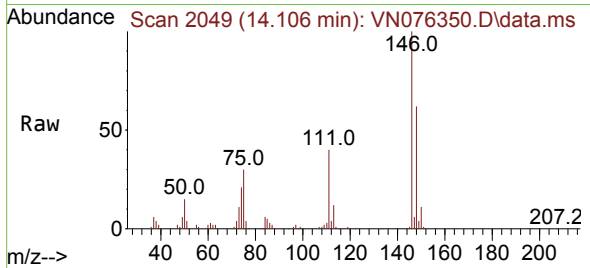




#91
 1,2-Dichlorobenzene
 Concen: 19.605 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. -0.000 min
 Lab File: VN076350.D
 Acq: 20 Jan 2023 16:54

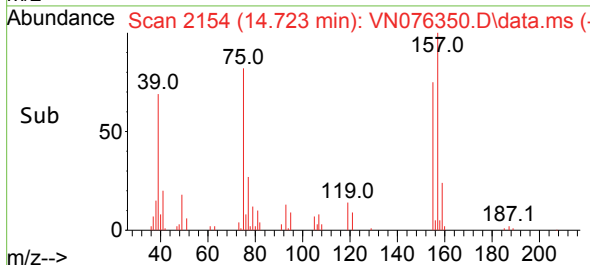
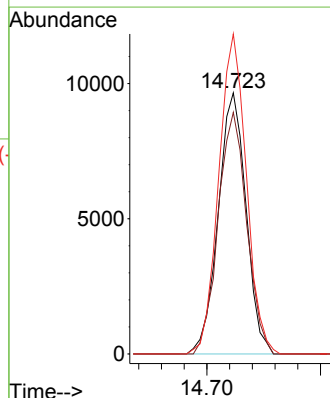
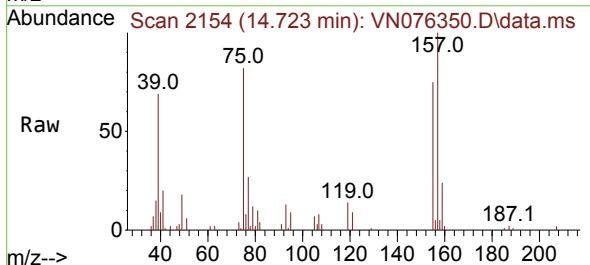
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBSD01

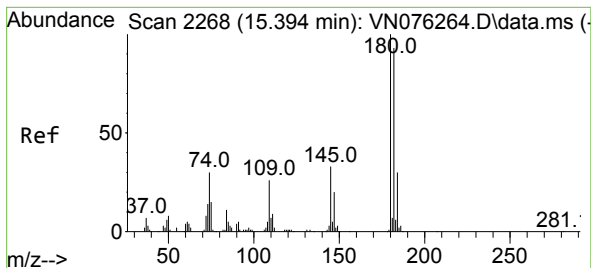
Tgt Ion:	146	Resp:	158361
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	62.6	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.090 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VN076350.D
 Acq: 20 Jan 2023 16:54

Tgt Ion:	75	Resp:	16414
Ion	Ratio	Lower	Upper
75	100		
155	94.8	45.0	135.0
157	121.5	58.3	174.9





#93

1,2,4-Trichlorobenzene

Concen: 19.323 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBSD01

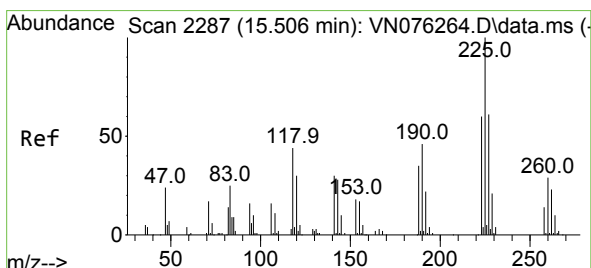
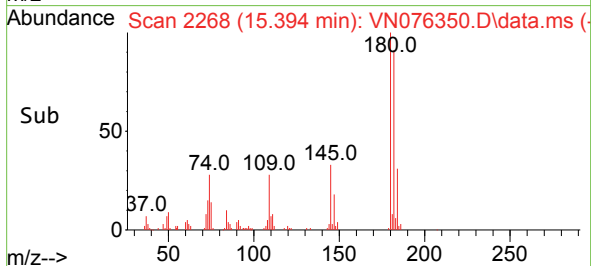
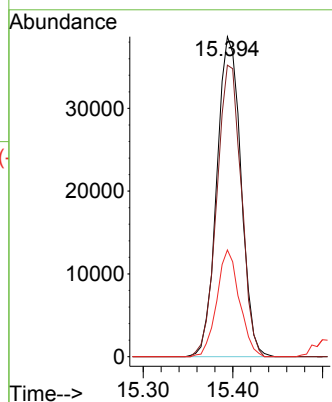
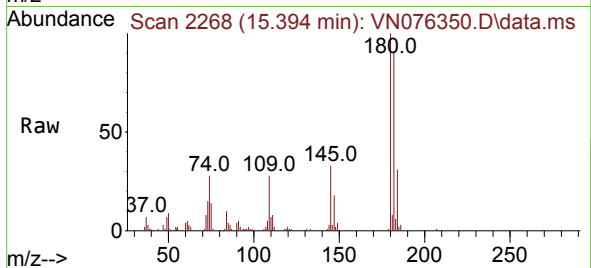
Tgt Ion:180 Resp: 72211

Ion Ratio Lower Upper

180 100

182 92.1 47.0 141.2

145 31.3 15.2 45.5



#94

Hexachlorobutadiene

Concen: 18.535 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

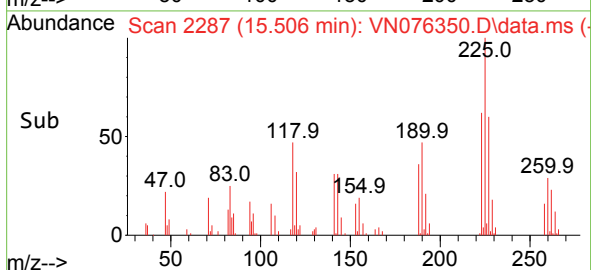
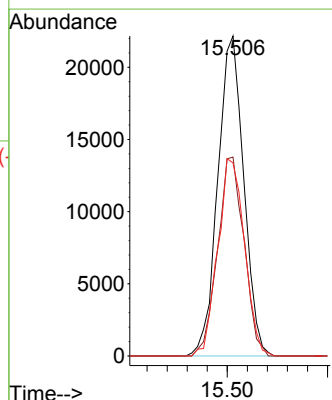
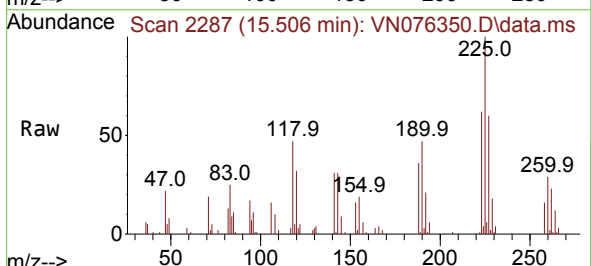
Tgt Ion:225 Resp: 39731

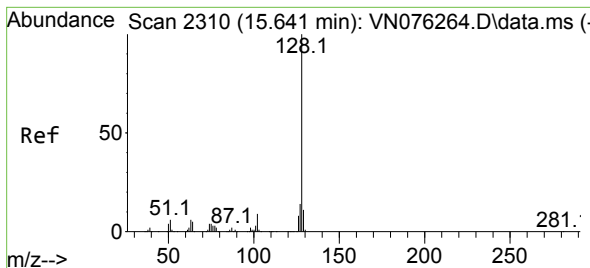
Ion Ratio Lower Upper

225 100

223 63.3 30.8 92.3

227 63.4 30.9 92.8





#95

Naphthalene

Concen: 19.390 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBSD01

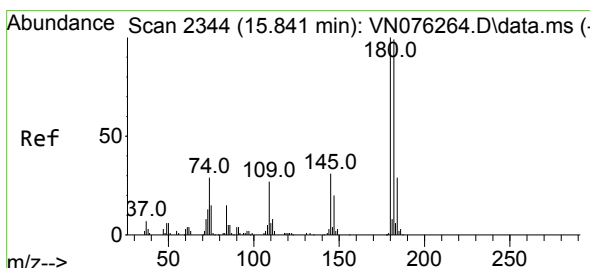
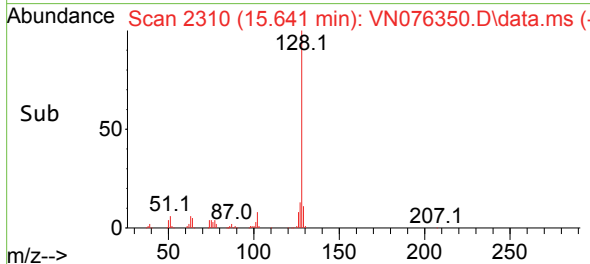
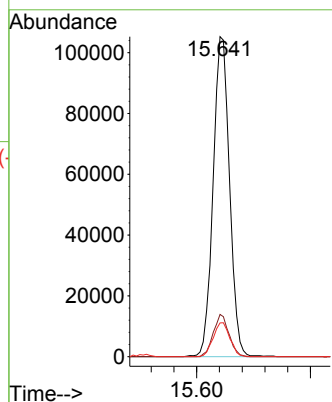
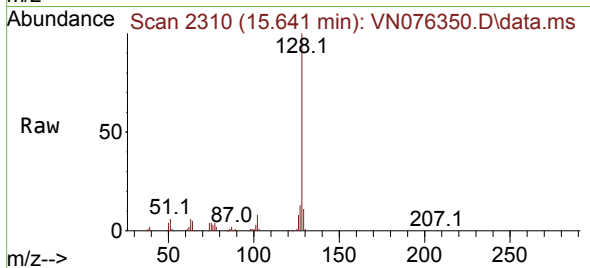
Tgt Ion:128 Resp: 210583

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.457 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076350.D

Acq: 20 Jan 2023 16:54

Tgt Ion:180 Resp: 69703

Ion Ratio Lower Upper

180 100

182 97.1 47.5 142.5

145 33.9 15.9 47.6

