

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081922.D
 Acq On : 30 Apr 2024 11:21
 Operator : JC\MD
 Sample : VN0430MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 00:50:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	243423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	467468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	404596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190393	46.343	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.680%
35) Dibromofluoromethane	8.165	113	139445	49.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.080%
50) Toluene-d8	10.571	98	574907	52.009	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.020%
62) 4-Bromofluorobenzene	12.853	95	193536	44.290	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53180	15.563	ug/l	100
3) Chloromethane	2.359	50	57732	16.195	ug/l	96
4) Vinyl Chloride	2.518	62	54754	16.968	ug/l	95
5) Bromomethane	2.959	94	26287	15.625	ug/l	97
6) Chloroethane	3.124	64	30653	18.795	ug/l #	86
7) Trichlorofluoromethane	3.501	101	80172	16.061	ug/l	93
8) Diethyl Ether	3.959	74	36406	17.169	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	53467	18.449	ug/l	95
10) Methyl Iodide	4.595	142	48916	19.271	ug/l	94
11) Tert butyl alcohol	5.524	59	57657	77.199	ug/l	98
12) 1,1-Dichloroethene	4.342	96	52308	17.742	ug/l	92
13) Acrolein	4.177	56	45383	72.703	ug/l	100
14) Allyl chloride	5.030	41	89310	14.321	ug/l	93
15) Acrylonitrile	5.712	53	150156	83.727	ug/l	96
16) Acetone	4.430	43	109078	86.203	ug/l	97
17) Carbon Disulfide	4.712	76	140164	15.817	ug/l	97
18) Methyl Acetate	5.024	43	68340	16.423	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	189522	17.035	ug/l	95
20) Methylene Chloride	5.277	84	61007	17.328	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	52846	16.439	ug/l	94
22) Diisopropyl ether	6.671	45	203591	16.871	ug/l	97
23) Vinyl Acetate	6.600	43	879420	89.689	ug/l	95
24) 1,1-Dichloroethane	6.565	63	107724	17.150	ug/l	98
25) 2-Butanone	7.483	43	190913	81.874	ug/l	89
26) 2,2-Dichloropropane	7.489	77	93124	16.117	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	67411	17.946	ug/l	89
28) Bromochloromethane	7.812	49	50866	17.039	ug/l #	81
29) Tetrahydrofuran	7.841	42	126242	75.497	ug/l	93
30) Chloroform	7.965	83	104925	16.853	ug/l	97
31) Cyclohexane	8.259	56	103951	16.796	ug/l	87
32) 1,1,1-Trichloroethane	8.165	97	87311	15.725	ug/l	96
36) 1,1-Dichloropropene	8.365	75	77251	16.871	ug/l	95
37) Ethyl Acetate	7.559	43	79347	16.027	ug/l	99
38) Carbon Tetrachloride	8.365	117	70713	15.801	ug/l	98
39) Methylcyclohexane	9.606	83	96660	17.382	ug/l	92
40) Benzene	8.606	78	244844	17.812	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	46385	14.683	ug/l	91
42) 1,2-Dichloroethane	8.671	62	79580	15.591	ug/l	100
43) Isopropyl Acetate	8.688	43	149861	16.099	ug/l	94
44) Trichloroethene	9.353	130	55750	17.591	ug/l	97
45) 1,2-Dichloropropane	9.624	63	61764	17.169	ug/l	99
46) Dibromomethane	9.712	93	39416	15.852	ug/l	91
47) Bromodichloromethane	9.894	83	83194	15.865	ug/l	96
48) Methyl methacrylate	9.682	41	68950	15.516	ug/l	90
49) 1,4-Dioxane	9.694	88	23124	342.356	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	426790	81.442	ug/l	95
52) Toluene	10.630	92	145994	17.736	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	90781	15.911	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	100490	17.089	ug/l	91
55) 1,1,2-Trichloroethane	11.024	97	55888	17.263	ug/l	91
56) Ethyl methacrylate	10.877	69	101225	16.420	ug/l	91
57) 1,3-Dichloropropane	11.165	76	100644	17.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	234959	83.666	ug/l	91
59) 2-Hexanone	11.194	43	315004	80.772	ug/l	97
60) Dibromochloromethane	11.359	129	58309	17.005	ug/l	98
61) 1,2-Dibromoethane	11.471	107	54624	17.644	ug/l	98
64) Tetrachloroethene	11.106	164	45449	15.466	ug/l #	81
65) Chlorobenzene	11.894	112	156821	17.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	50439	17.565	ug/l	96
67) Ethyl Benzene	11.965	91	279637	17.018	ug/l	98
68) m/p-Xylenes	12.071	106	208023	35.492	ug/l	96
69) o-Xylene	12.400	106	101819	17.794	ug/l	95
70) Styrene	12.412	104	169776	17.151	ug/l	97
71) Bromoform	12.576	173	33370	14.782	ug/l #	95
73) Isopropylbenzene	12.694	105	268889	18.013	ug/l	100
74) N-amyl acetate	12.494	43	132036	15.887	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	76034	16.962	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	108459	24.915	ug/l	62
77) Bromobenzene	12.982	156	54035	17.298	ug/l	76
78) n-propylbenzene	13.035	91	308987	17.041	ug/l	96
79) 2-Chlorotoluene	13.129	91	187848	16.283	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	212249	16.803	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	31232	14.702	ug/l	87
82) 4-Chlorotoluene	13.223	91	179621	16.038	ug/l	94
83) tert-Butylbenzene	13.441	119	183014	17.398	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	209588	16.615	ug/l	98
85) sec-Butylbenzene	13.618	105	261632	17.657	ug/l	98
86) p-Isopropyltoluene	13.729	119	205298	17.255	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	102499	17.586	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	101319	17.653	ug/l	96
89) n-Butylbenzene	14.059	91	187190	16.903	ug/l	97
90) Hexachloroethane	14.335	117	39056	16.687	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	99955	17.889	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15282	14.003	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	52367	16.752	ug/l	99
94) Hexachlorobutadiene	15.500	225	19011	16.500	ug/l	93
95) Naphthalene	15.641	128	193109	16.349	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	52793	17.590	ug/l	98

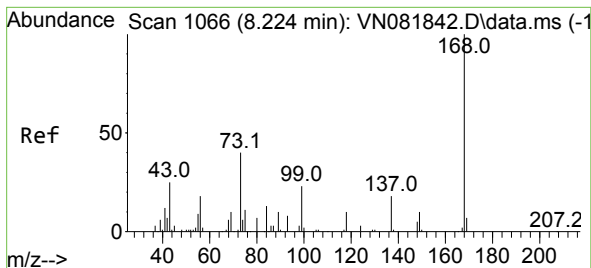
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

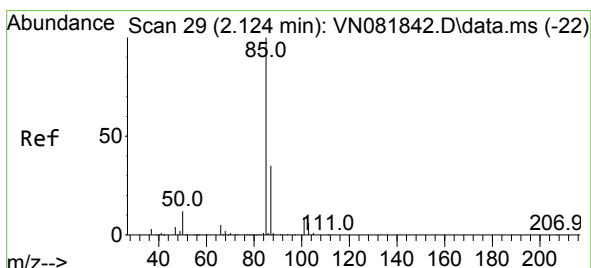
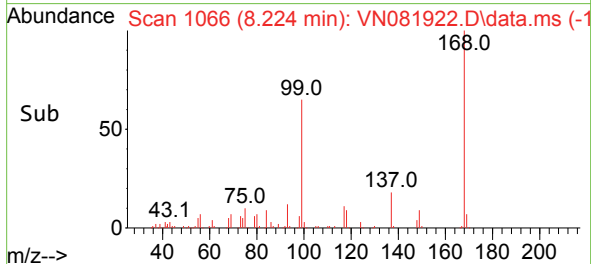
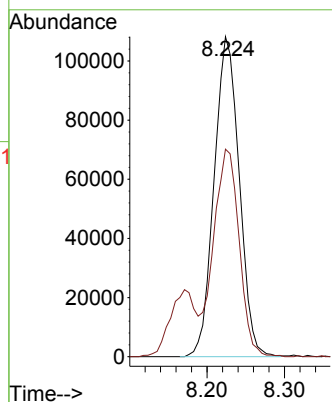
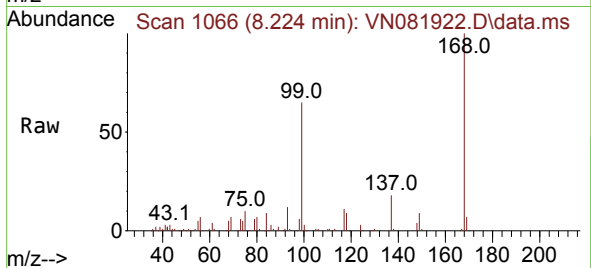
ClientSampleId :

Tgt Ion:168 Resp: 243423

Ion Ratio Lower Upper

168 100

99 64.4 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 15.563 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081922.D

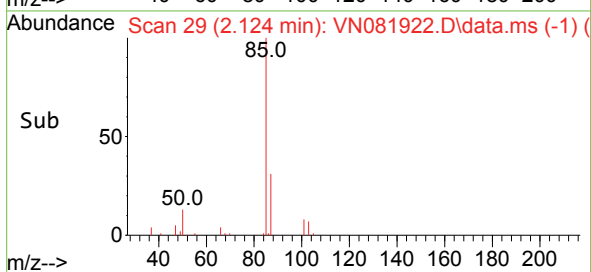
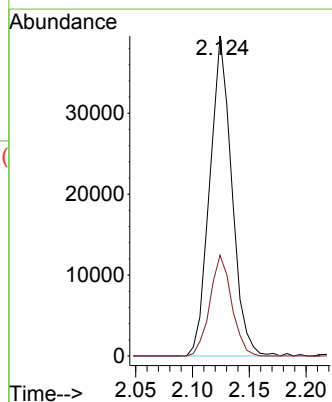
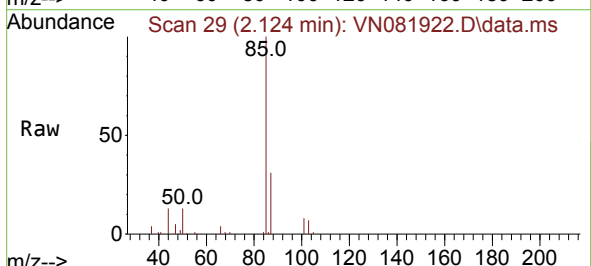
Acq: 30 Apr 2024 11:21

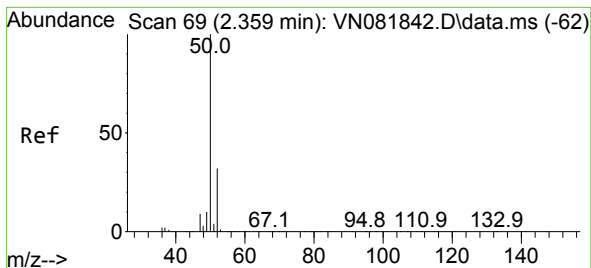
Tgt Ion: 85 Resp: 53180

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4





#3

Chloromethane

Concen: 16.195 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

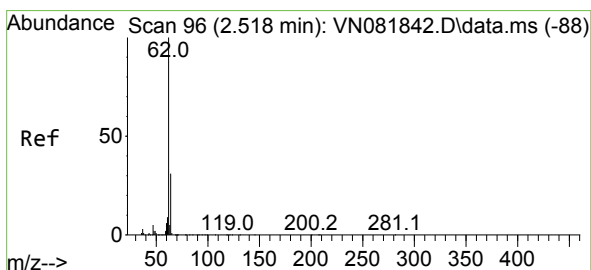
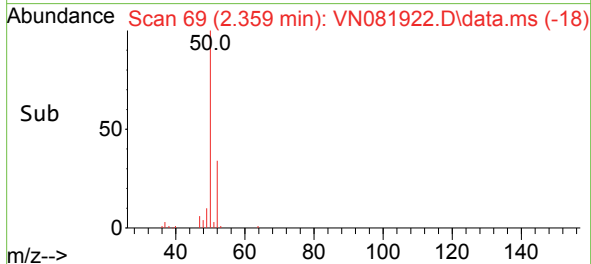
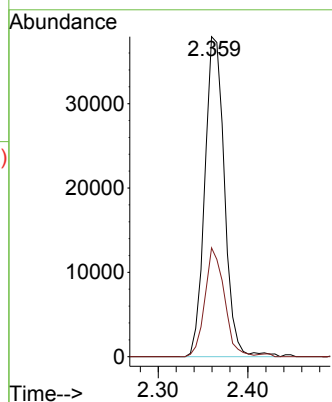
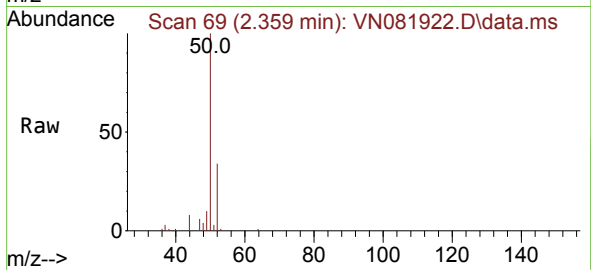
ClientSampleId :

Tgt Ion: 50 Resp: 57732

Ion Ratio Lower Upper

50 100

52 34.0 25.5 38.3



#4

Vinyl Chloride

Concen: 16.968 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN081922.D

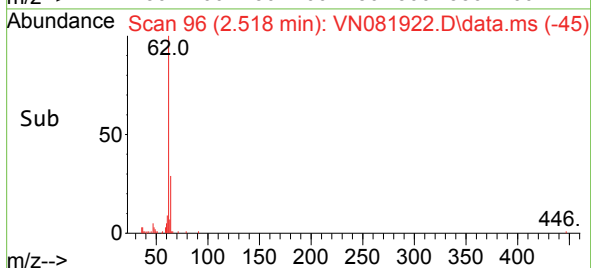
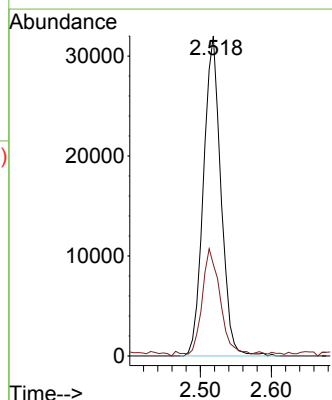
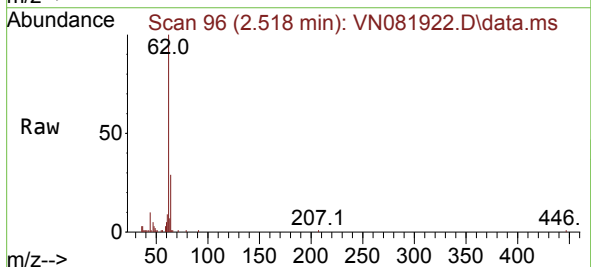
Acq: 30 Apr 2024 11:21

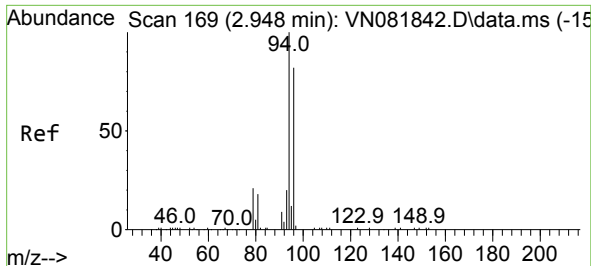
Tgt Ion: 62 Resp: 54754

Ion Ratio Lower Upper

62 100

64 27.8 24.6 37.0

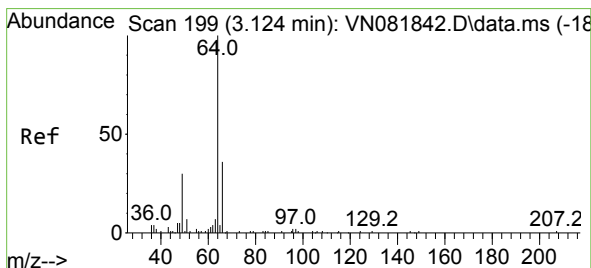
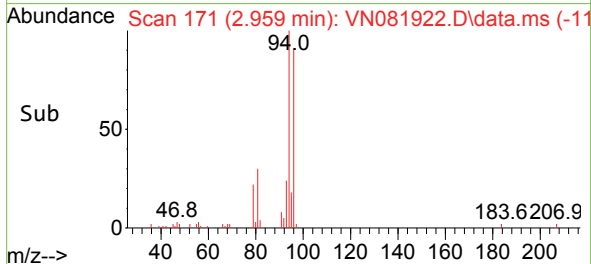
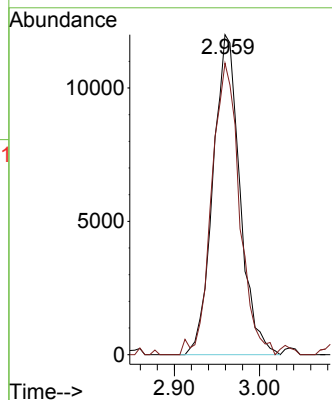
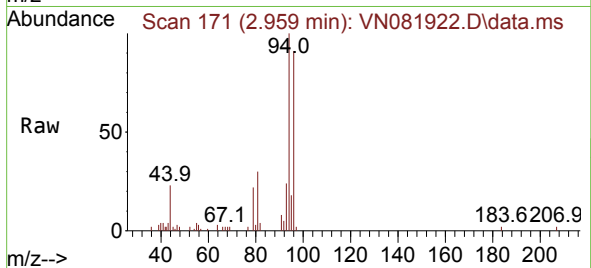




#5
Bromomethane
Concen: 15.625 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

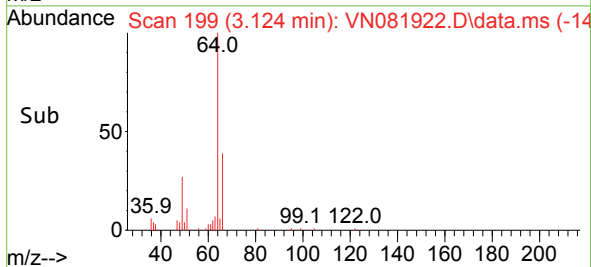
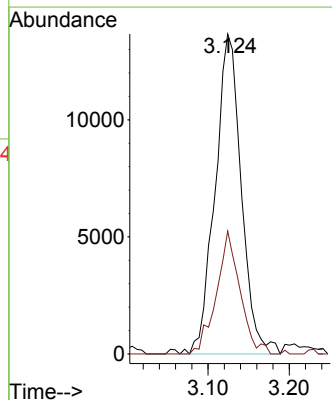
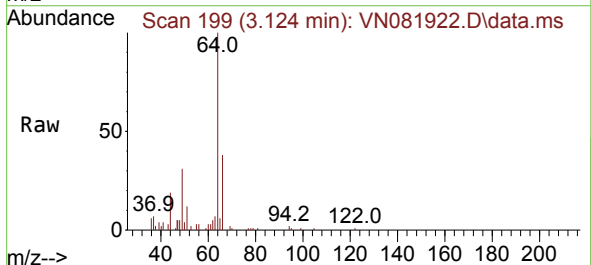
Instrument :
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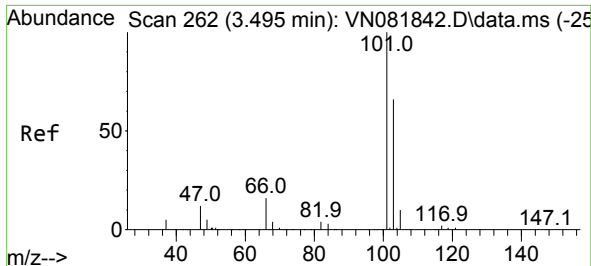
Tgt Ion: 94 Resp: 26287
Ion Ratio Lower Upper
94 100
96 91.1 74.8 112.2



#6
Chloroethane
Concen: 18.795 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 64 Resp: 30653
Ion Ratio Lower Upper
64 100
66 38.4 24.7 37.1#

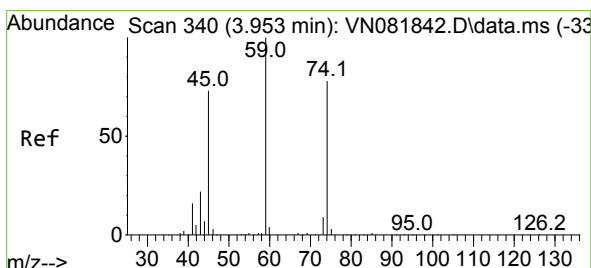
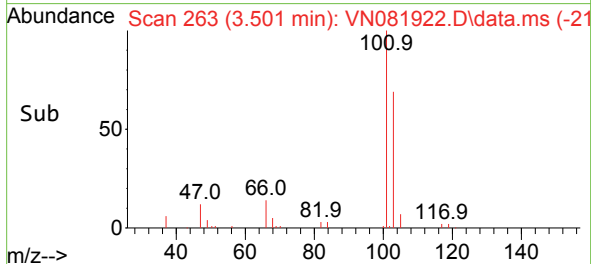
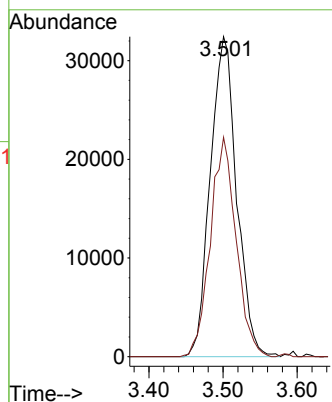
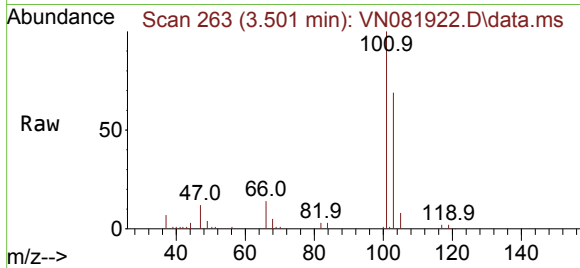




#7
Trichlorofluoromethane
Concen: 16.061 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

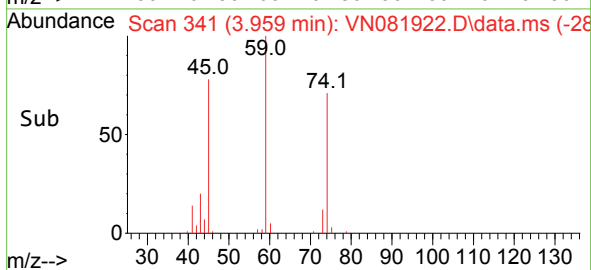
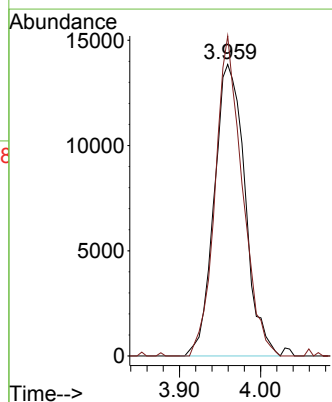
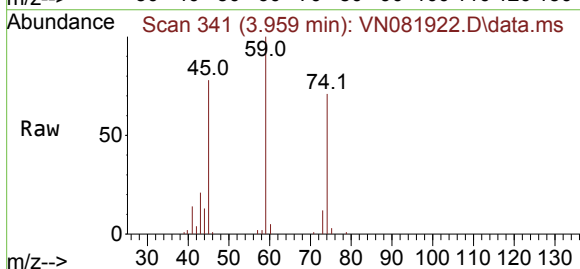
Instrument :
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ClientSampleId :

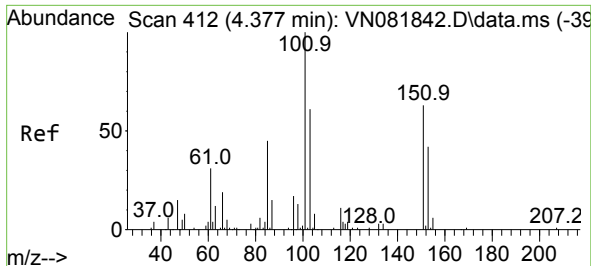
Tgt Ion:101 Resp: 80172
Ion Ratio Lower Upper
101 100
103 68.5 50.6 75.8



#8
Diethyl Ether
Concen: 17.169 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 74 Resp: 36406
Ion Ratio Lower Upper
74 100
45 97.4 42.4 127.3

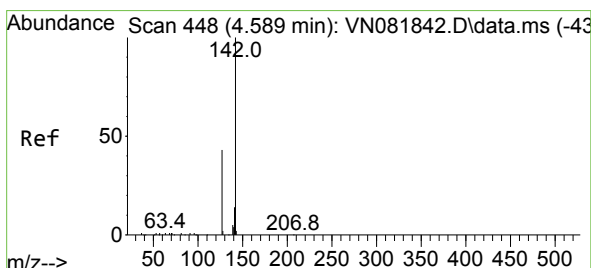
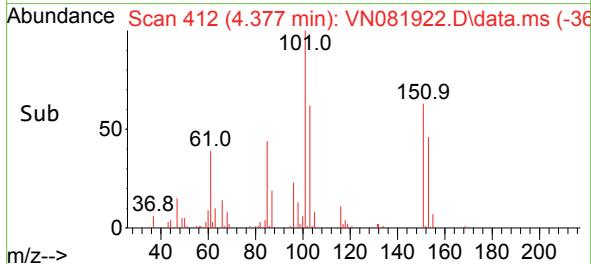
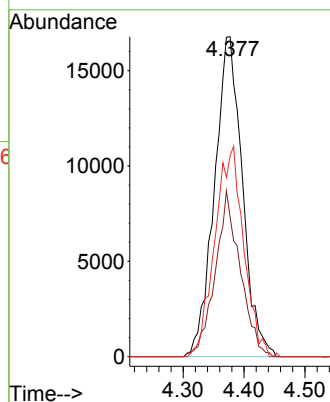
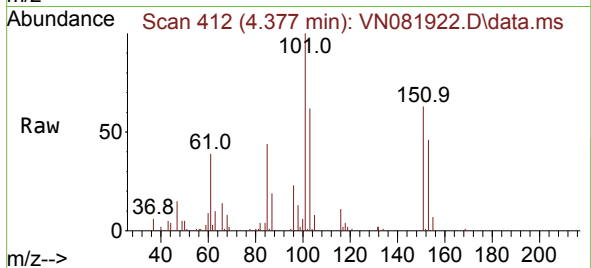




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.449 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
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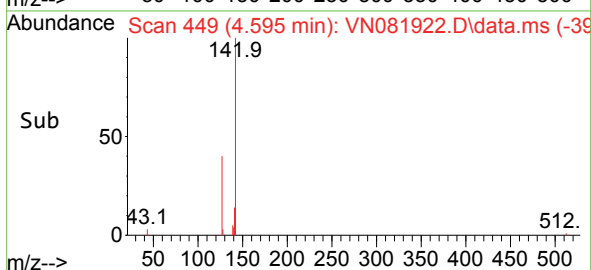
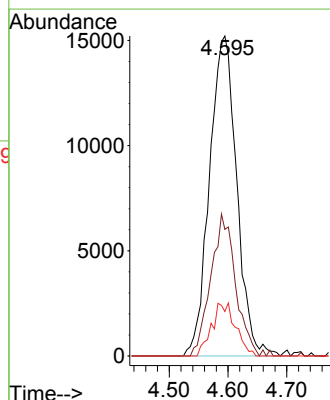
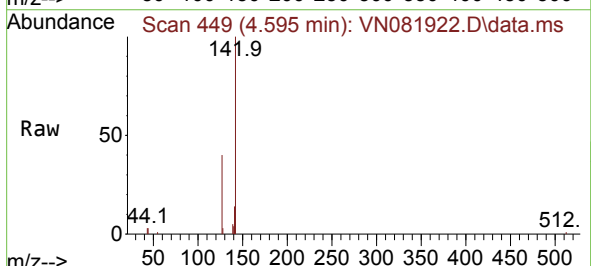
Instrument :
MSVOA_N
ClientSampleId :

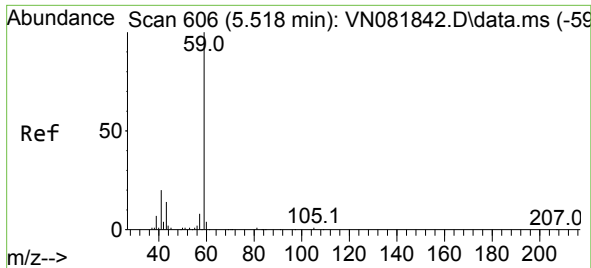
Tgt Ion:101 Resp: 53467
Ion Ratio Lower Upper
101 100
85 46.5 37.3 55.9
151 67.5 59.2 88.8



#10
Methyl Iodide
Concen: 19.271 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

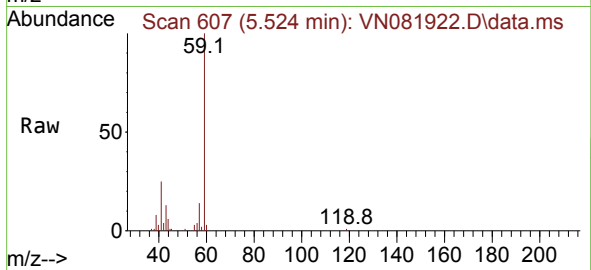
Tgt Ion:142 Resp: 48916
Ion Ratio Lower Upper
142 100
127 39.6 35.8 53.6
141 13.9 11.4 17.2



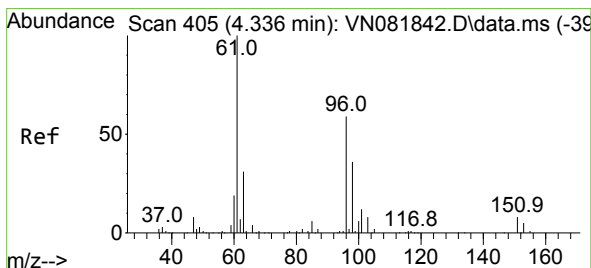
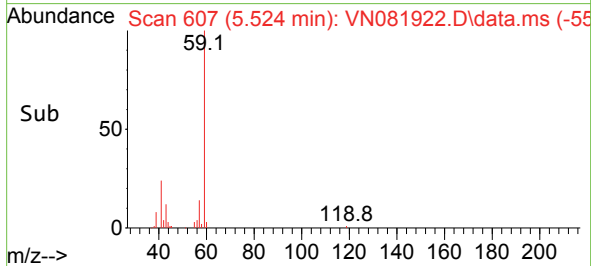
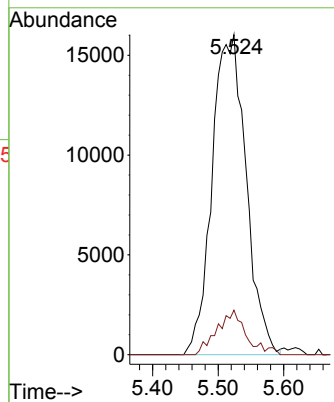


#11
Tert butyl alcohol
Concen: 77.199 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

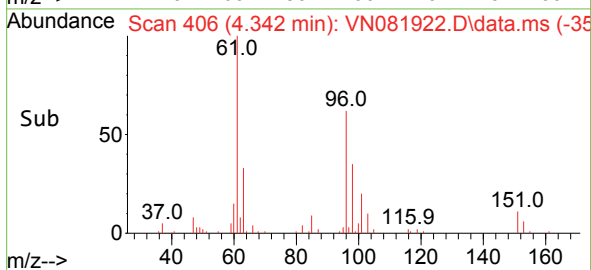
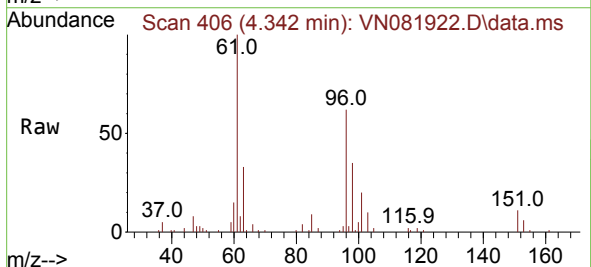
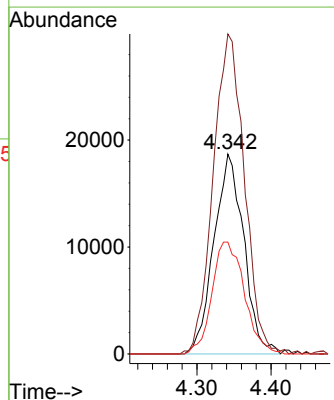


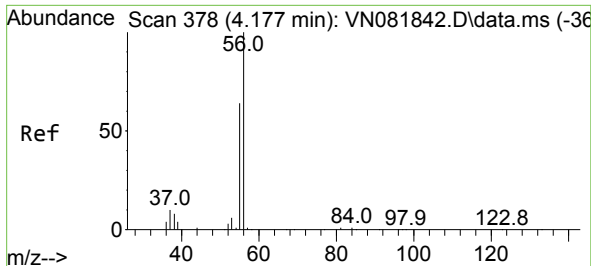
Tgt Ion: 59 Resp: 57657
Ion Ratio Lower Upper
59 100
57 12.0 8.9 13.3



#12
1,1-Dichloroethene
Concen: 17.742 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 96 Resp: 52308
Ion Ratio Lower Upper
96 100
61 160.1 119.7 179.5
98 56.0 49.6 74.4

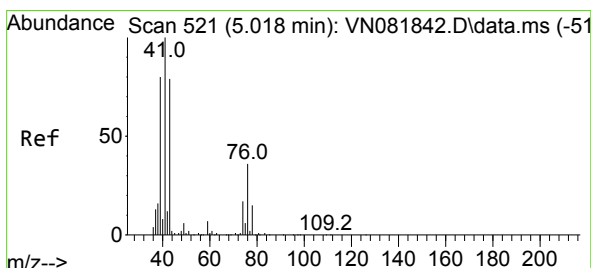
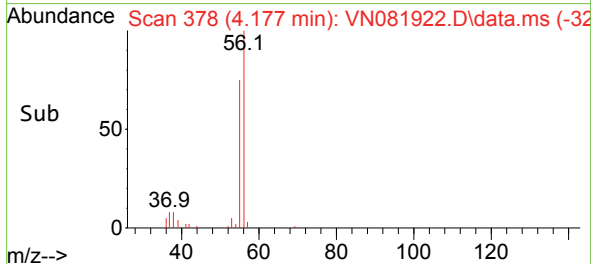
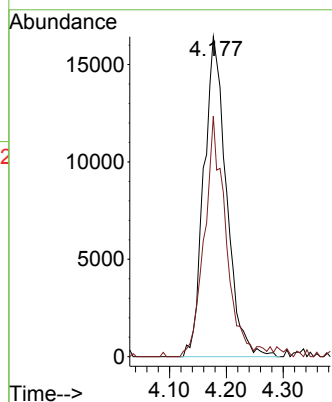
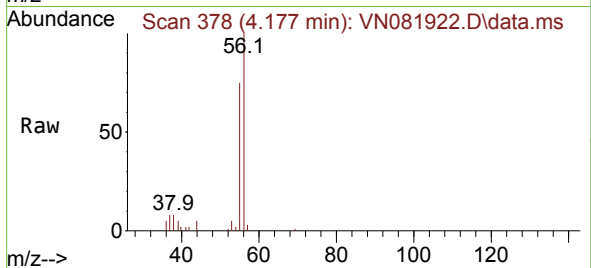




#13
Acrolein
Concen: 72.703 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

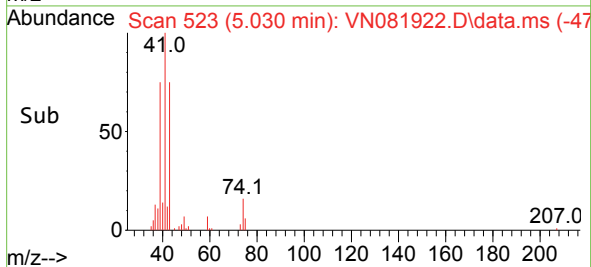
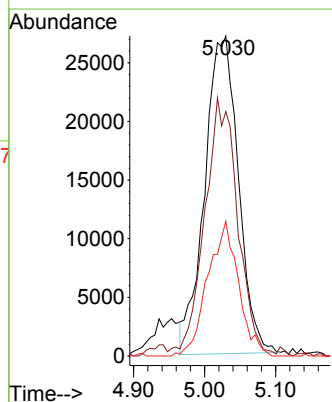
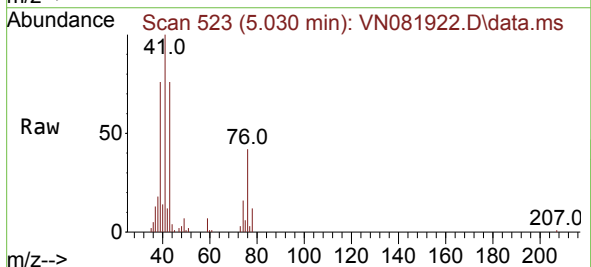
Instrument :
MSVOA_N
ClientSampleId :

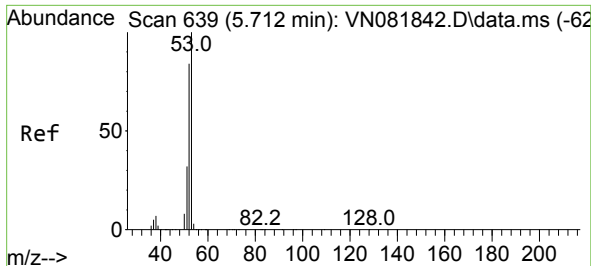
Tgt Ion: 56 Resp: 45383
Ion Ratio Lower Upper
56 100
55 70.1 55.8 83.8



#14
Allyl chloride
Concen: 14.321 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

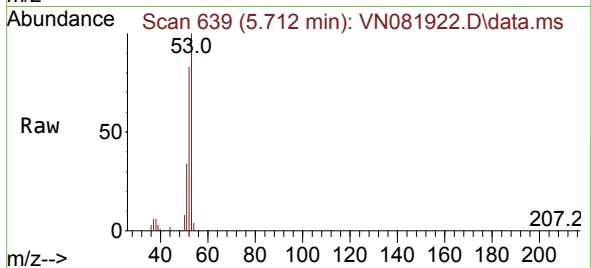
Tgt Ion: 41 Resp: 89310
Ion Ratio Lower Upper
41 100
39 78.3 65.4 98.0
76 38.6 37.3 55.9



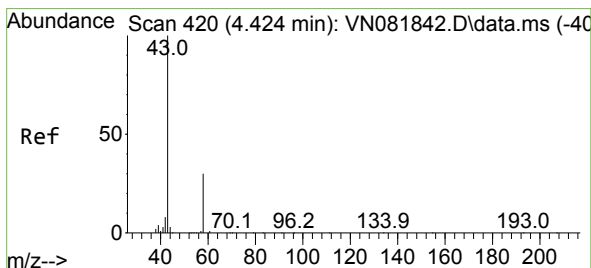
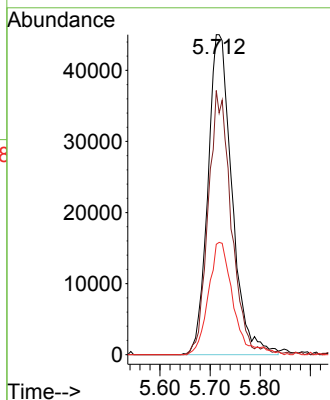
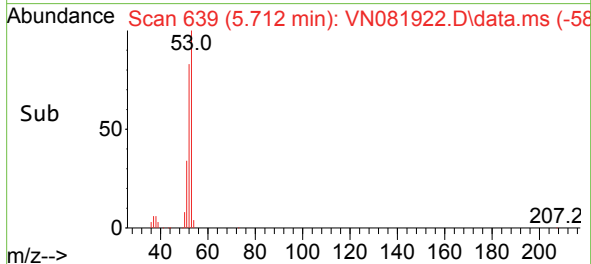


#15
Acrylonitrile
Concen: 83.727 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

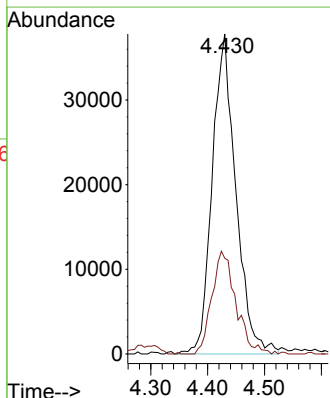
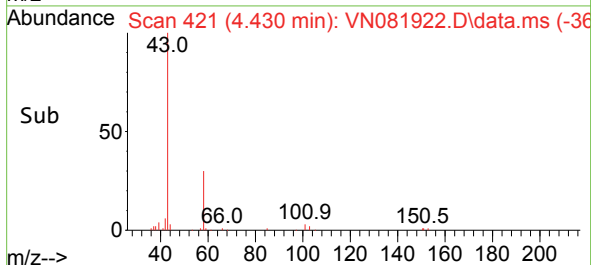
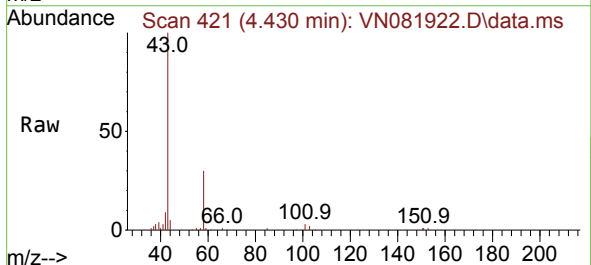


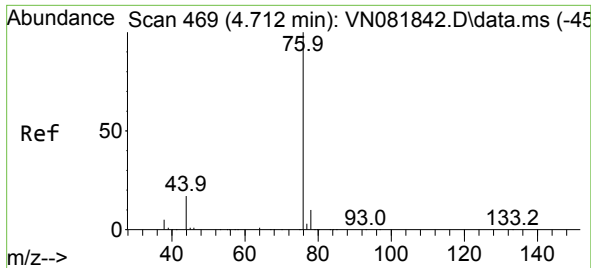
Tgt Ion: 53 Resp: 150156
Ion Ratio Lower Upper
53 100
52 77.8 66.1 99.1
51 36.0 29.4 44.2



#16
Acetone
Concen: 86.203 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 43 Resp: 109078
Ion Ratio Lower Upper
43 100
58 29.9 25.2 37.8

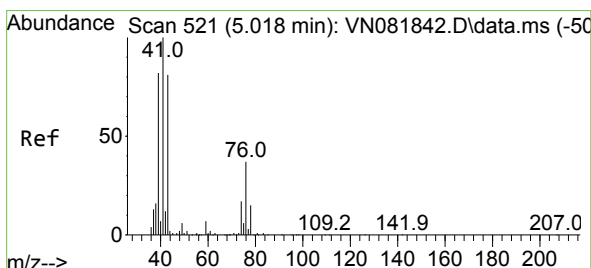
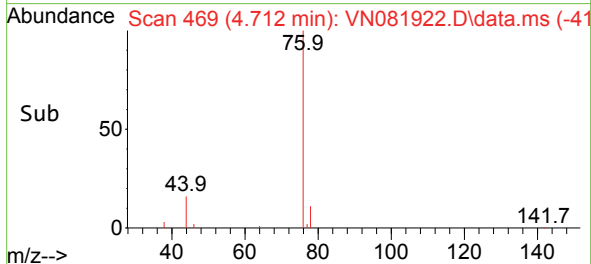
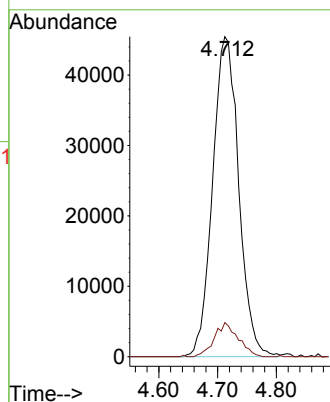
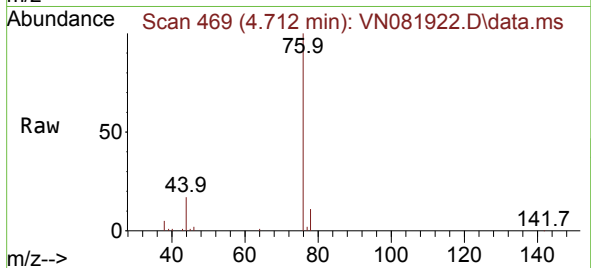




#17
Carbon Disulfide
Concen: 15.817 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

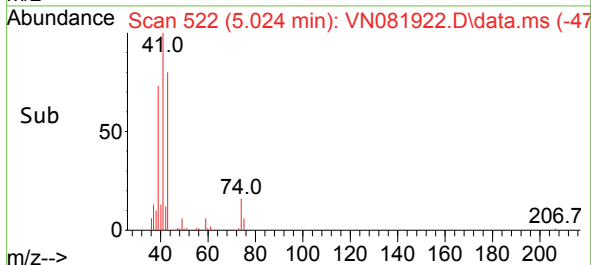
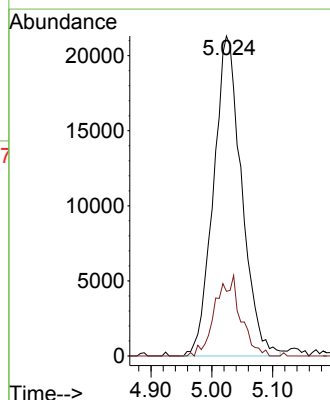
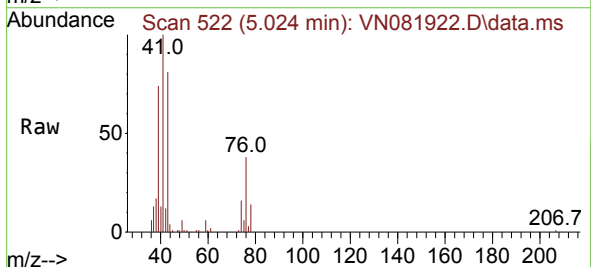
Instrument :
MSVOA_N
ClientSampleId :

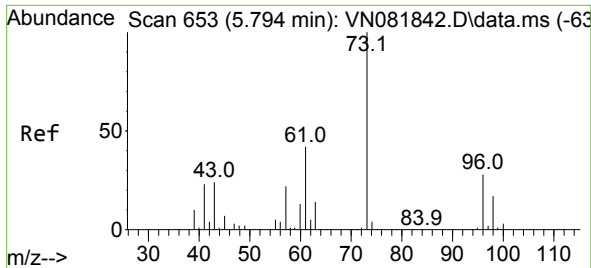
Tgt Ion: 76 Resp: 140164
Ion Ratio Lower Upper
76 100
78 10.7 7.5 11.3



#18
Methyl Acetate
Concen: 16.423 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 43 Resp: 68340
Ion Ratio Lower Upper
43 100
74 22.8 22.2 33.2

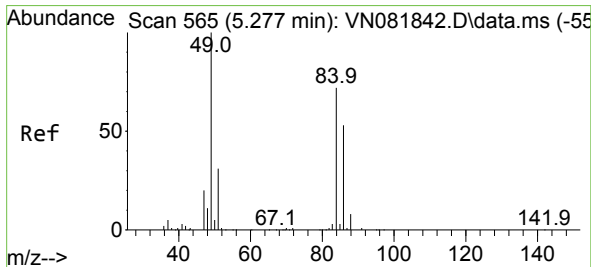
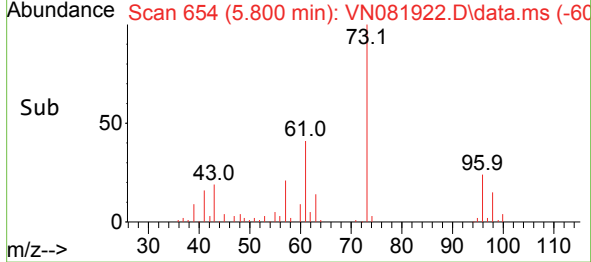
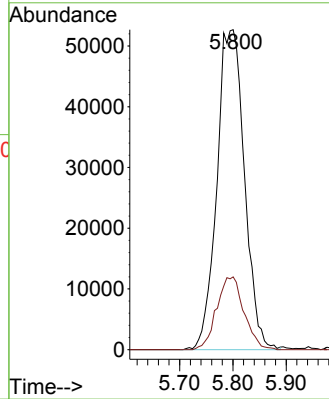
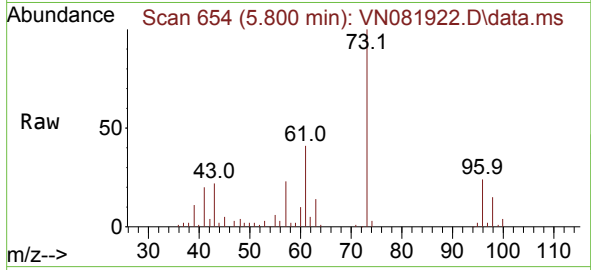




#19
Methyl tert-butyl Ether
Concen: 17.035 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

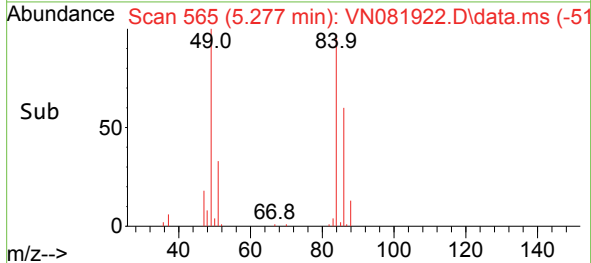
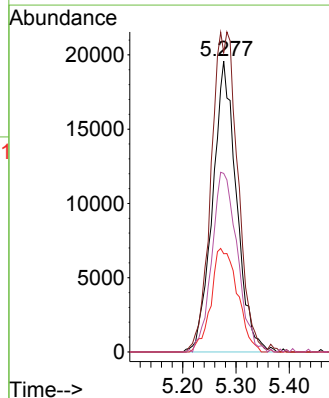
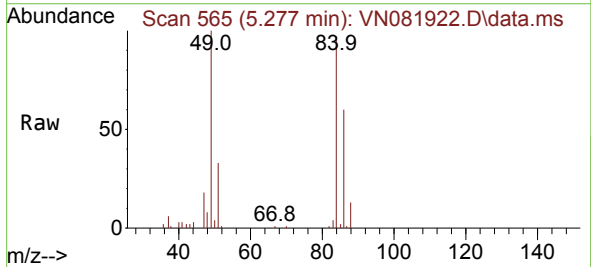
Instrument :
MSVOA_N
ClientSampleId :

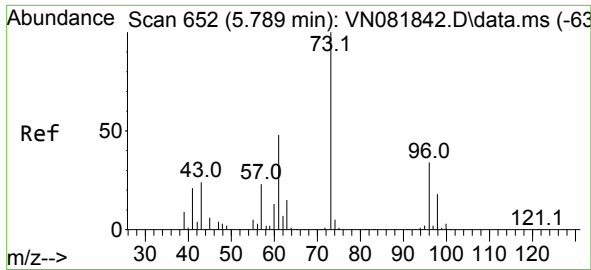
Tgt Ion: 73 Resp: 189522
Ion Ratio Lower Upper
73 100
57 22.7 16.5 24.7



#20
Methylene Chloride
Concen: 17.328 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 84 Resp: 61007
Ion Ratio Lower Upper
84 100
49 102.9 84.9 127.3
51 33.8 27.0 40.6
86 61.4 52.3 78.5

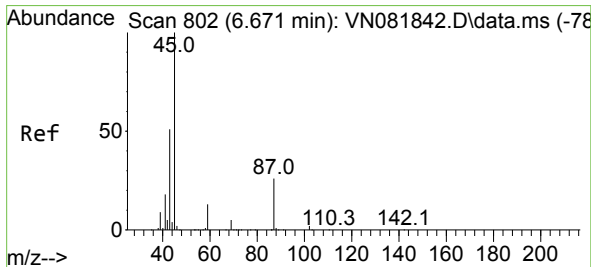
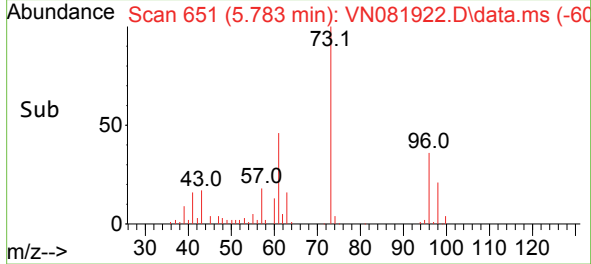
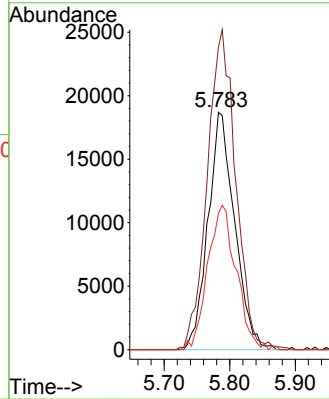
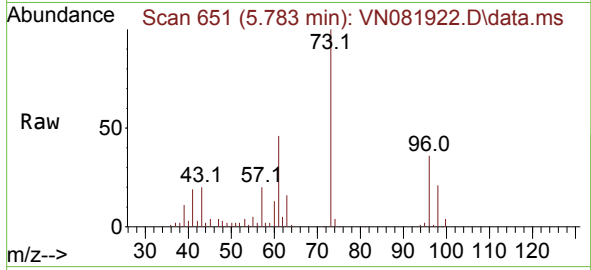




#21
trans-1,2-Dichloroethene
Concen: 16.439 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

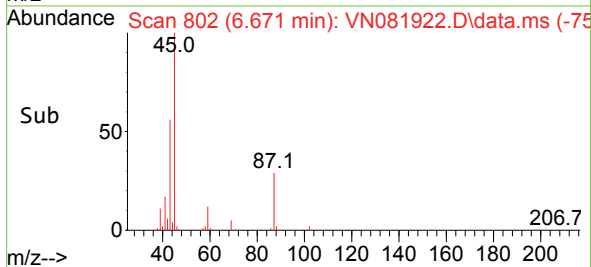
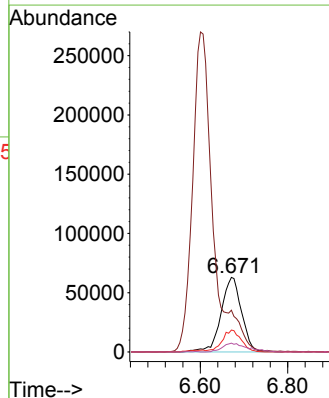
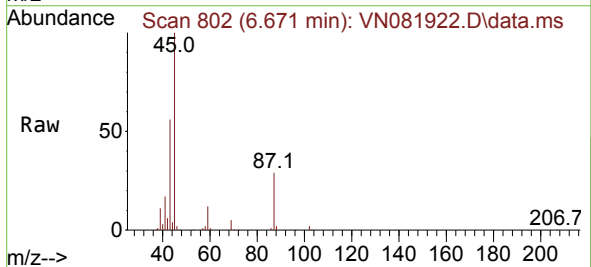
Instrument :
MSVOA_N
ClientSampleId :

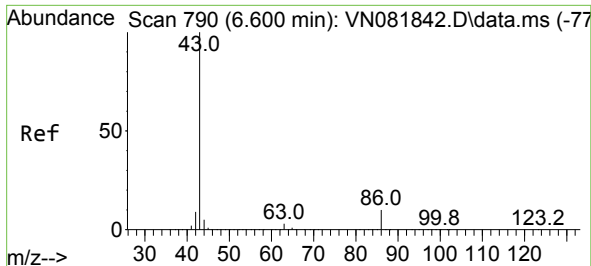
Tgt Ion: 96 Resp: 52846
Ion Ratio Lower Upper
96 100
61 126.4 96.5 144.7
98 57.4 51.3 76.9



#22
Diisopropyl ether
Concen: 16.871 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 45 Resp: 203591
Ion Ratio Lower Upper
45 100
43 54.6 44.1 66.1
87 29.5 27.0 40.6
59 11.9 9.6 14.4

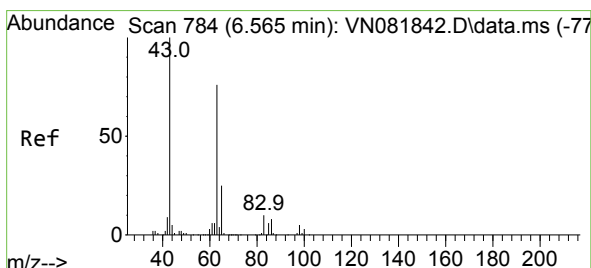
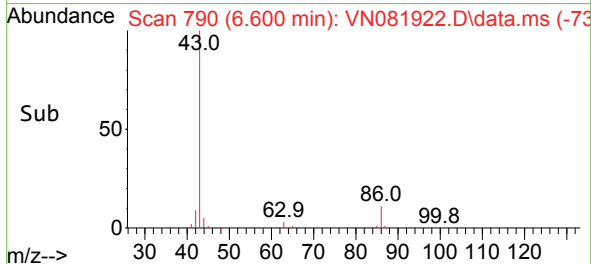
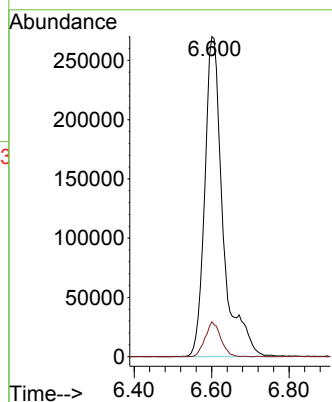
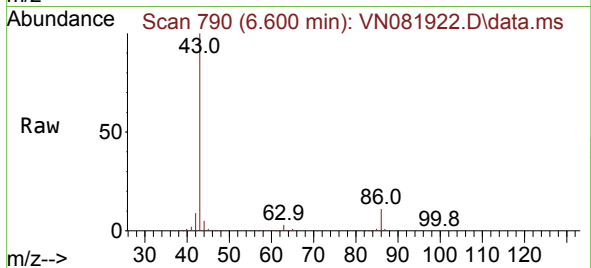




#23
 Vinyl Acetate
 Concen: 89.689 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081922.D
 Acq: 30 Apr 2024 11:21

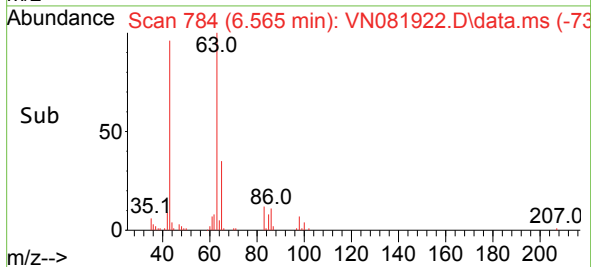
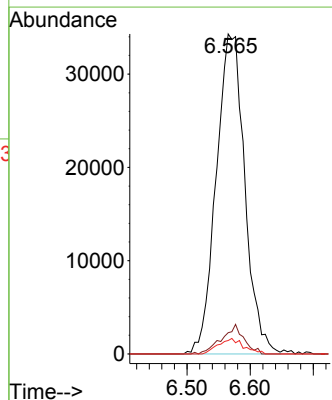
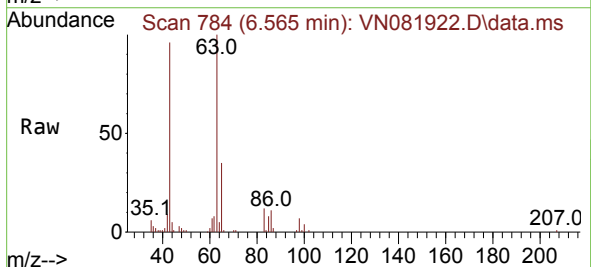
Instrument :
 MSVOA_N
 ClientSampleId :

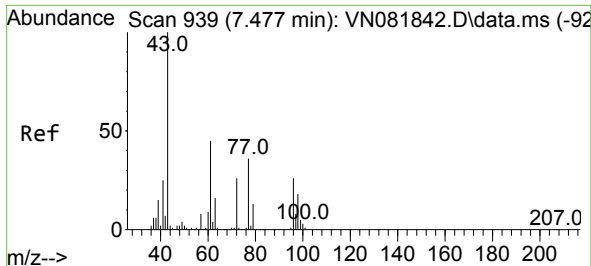
Tgt Ion: 43 Resp: 879420
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.2 15.4



#24
 1,1-Dichloroethane
 Concen: 17.150 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081922.D
 Acq: 30 Apr 2024 11:21

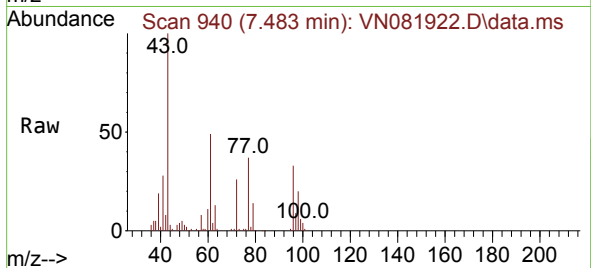
Tgt Ion: 63 Resp: 107724
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.2 2.6 7.8



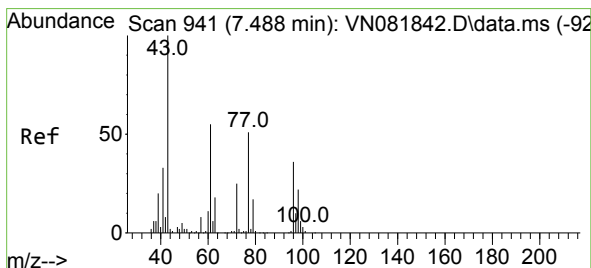
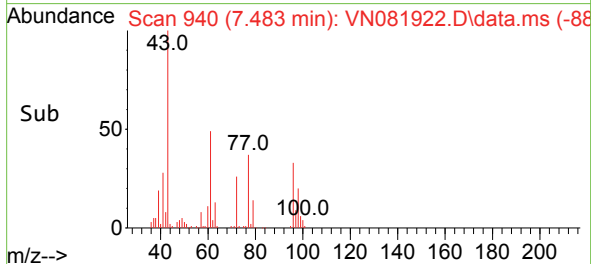
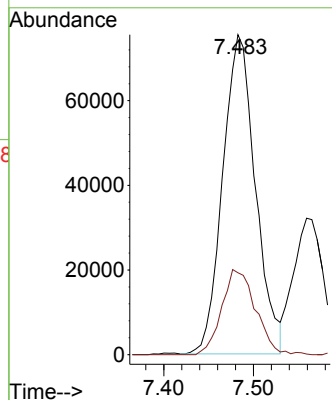


#25
2-Butanone
Concen: 81.874 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

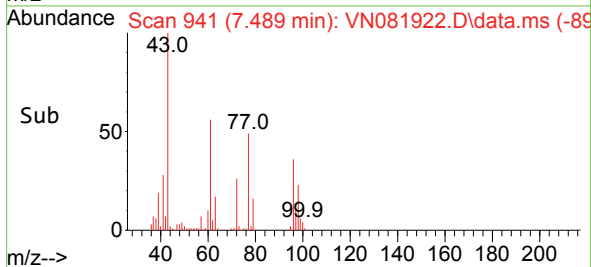
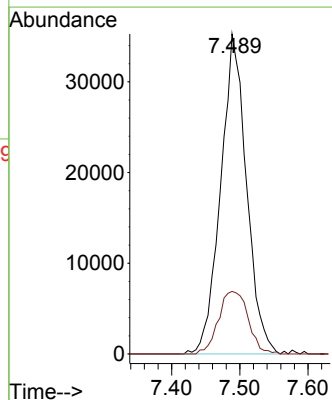
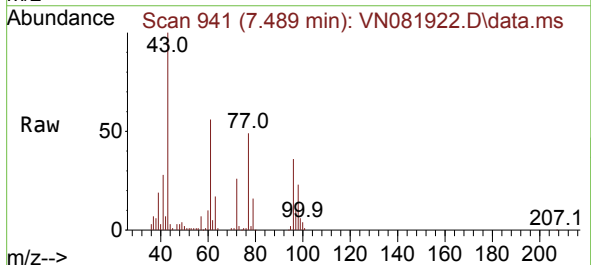


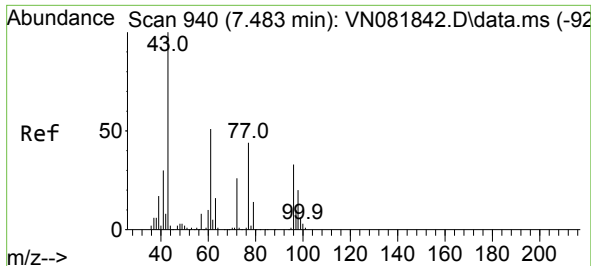
Tgt Ion: 43 Resp: 190913
Ion Ratio Lower Upper
43 100
72 25.7 25.3 37.9



#26
2,2-Dichloropropane
Concen: 16.117 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

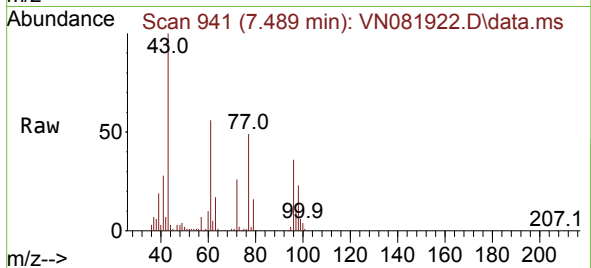
Tgt Ion: 77 Resp: 93124
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.9



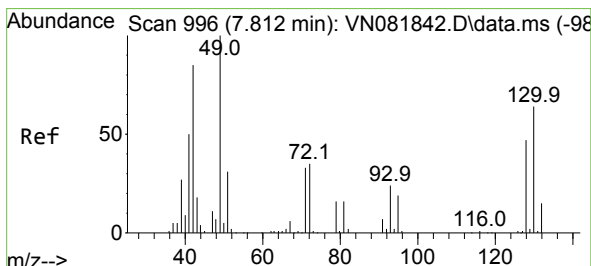
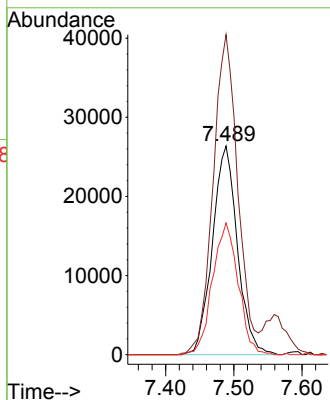
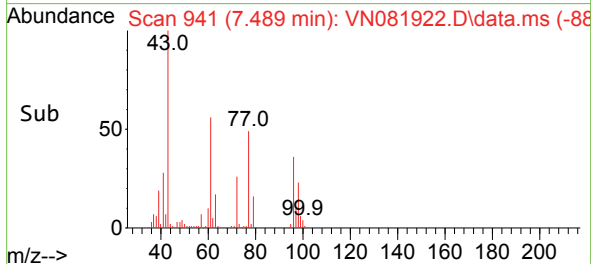


#27
cis-1,2-Dichloroethene
Concen: 17.946 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

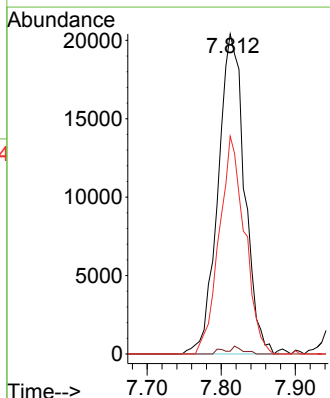
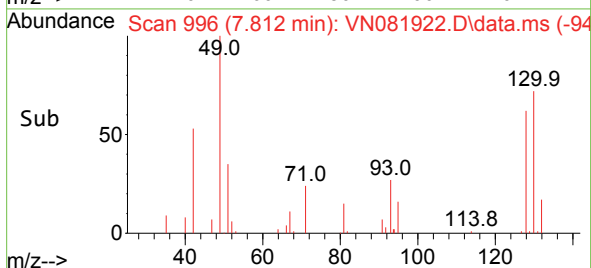
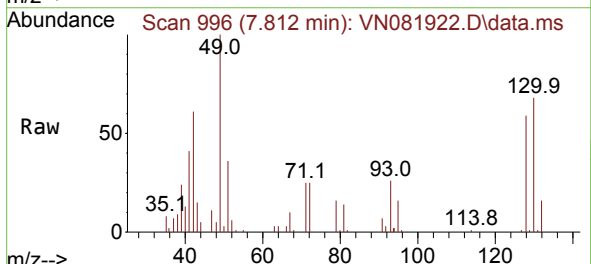


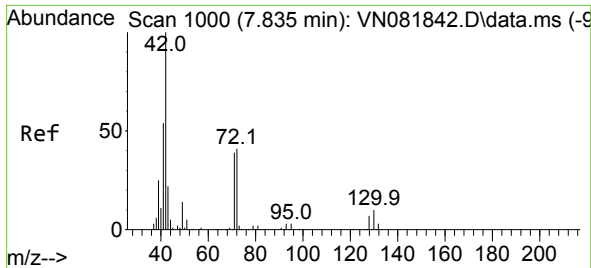
Tgt Ion: 96 Resp: 67411
Ion Ratio Lower Upper
96 100
61 151.4 0.0 268.0
98 64.7 0.0 126.8



#28
Bromochloromethane
Concen: 17.039 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 49 Resp: 50866
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.6
130 65.5 66.7 100.1#

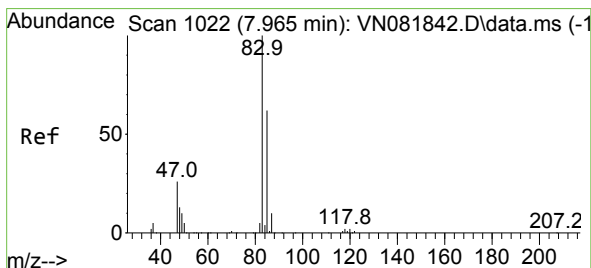
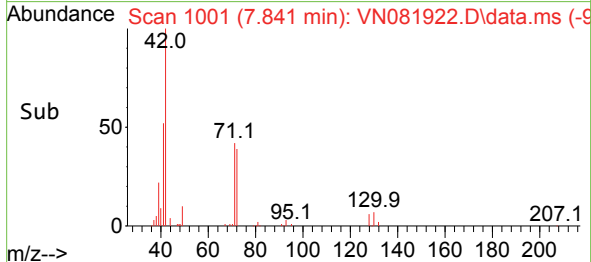
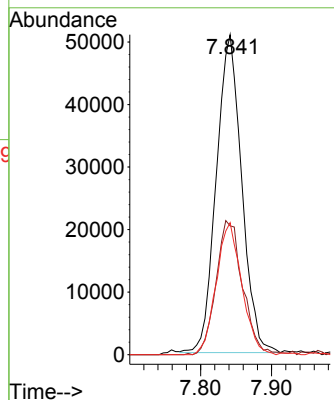
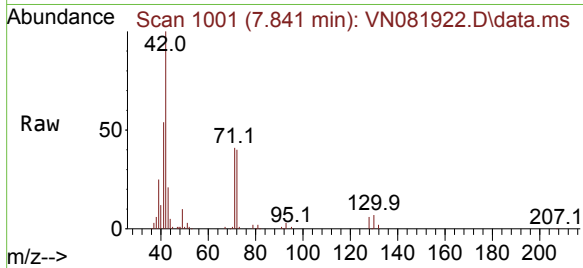




#29
Tetrahydrofuran
Concen: 75.497 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

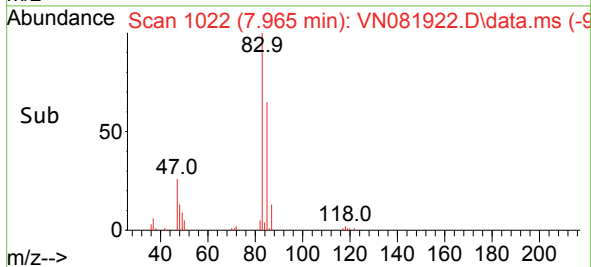
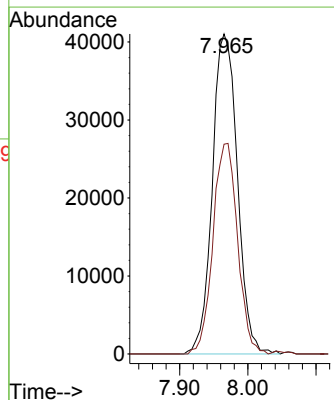
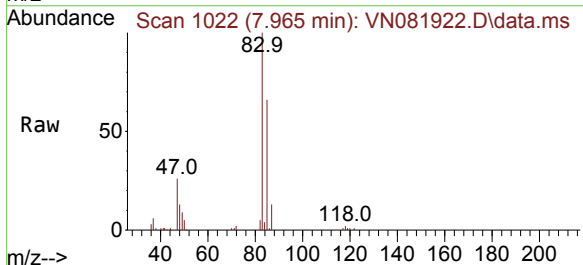
Instrument :
MSVOA_N
ClientSampleId :

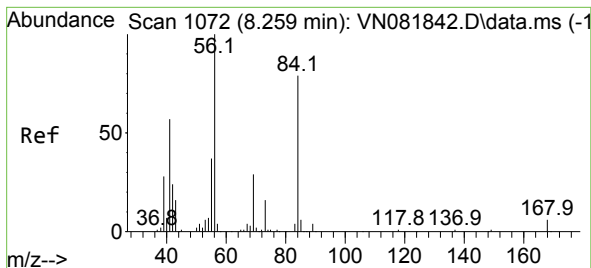
Tgt Ion: 42 Resp: 126242
Ion Ratio Lower Upper
42 100
72 44.1 39.3 58.9
71 41.6 37.4 56.0



#30
Chloroform
Concen: 16.853 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 83 Resp: 104925
Ion Ratio Lower Upper
83 100
85 65.6 50.7 76.1





#31

Cyclohexane

Concen: 16.796 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

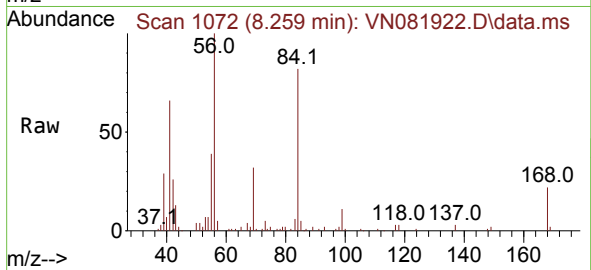
Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :



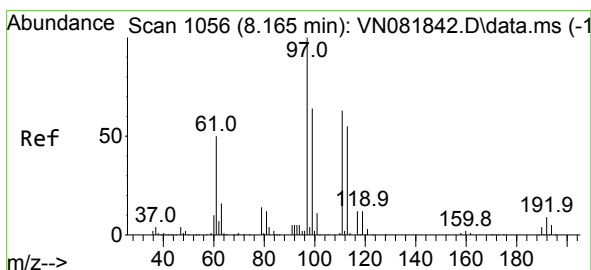
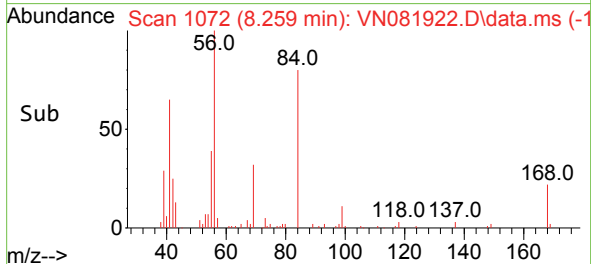
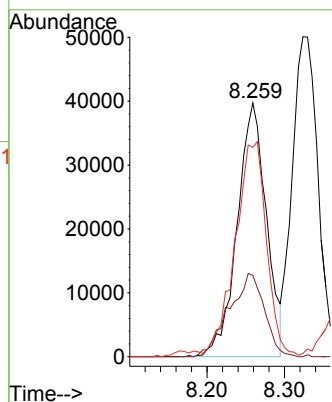
Tgt Ion: 56 Resp: 103951

Ion Ratio Lower Upper

56 100

69 32.1 24.4 36.6

84 80.2 77.0 115.4



#32

1,1,1-Trichloroethane

Concen: 15.725 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

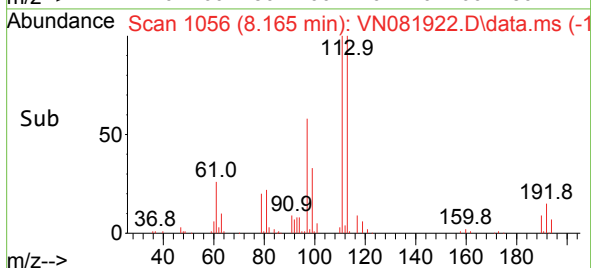
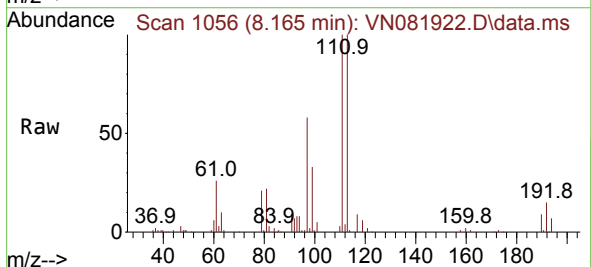
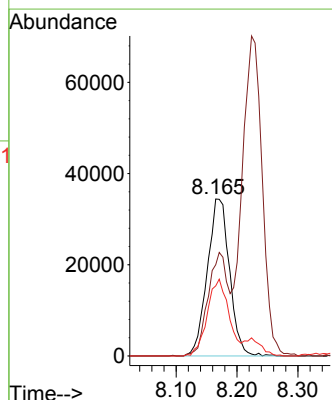
Tgt Ion: 97 Resp: 87311

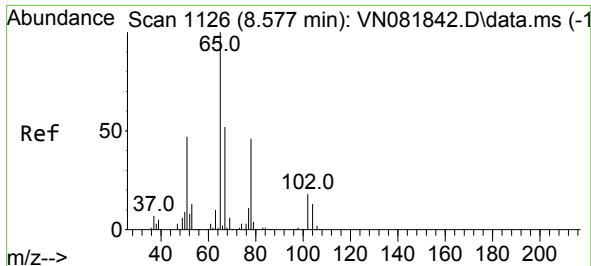
Ion Ratio Lower Upper

97 100

99 58.6 50.3 75.5

61 47.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 46.343 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

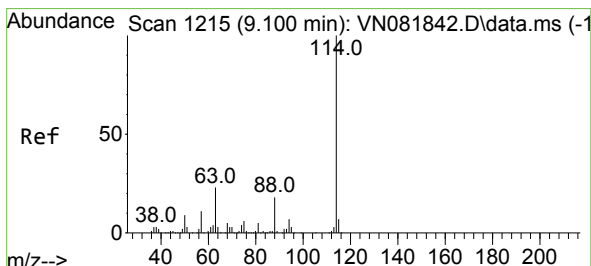
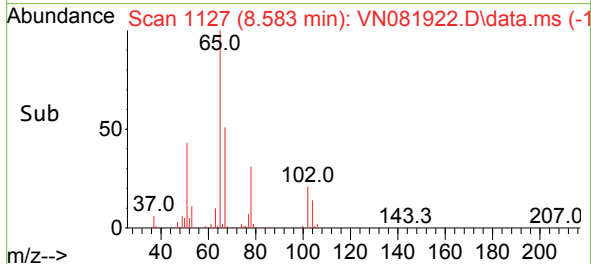
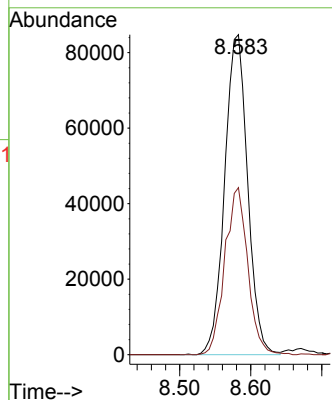
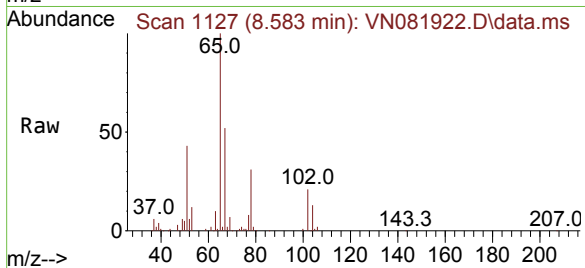
ClientSampleId :

Tgt Ion: 65 Resp: 190393

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

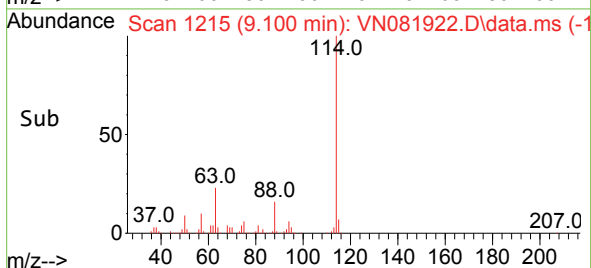
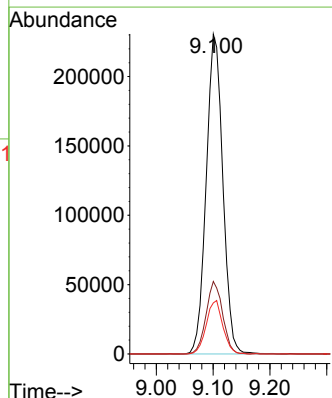
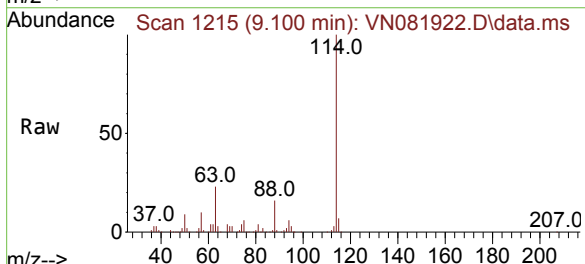
Tgt Ion: 114 Resp: 467468

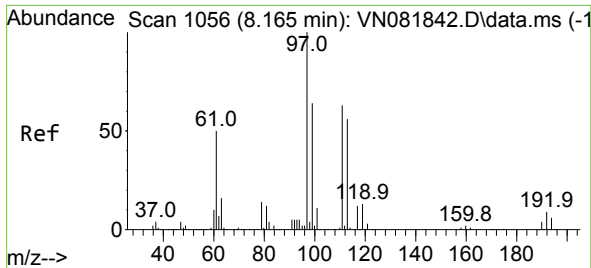
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.0

88 15.9 0.0 31.4

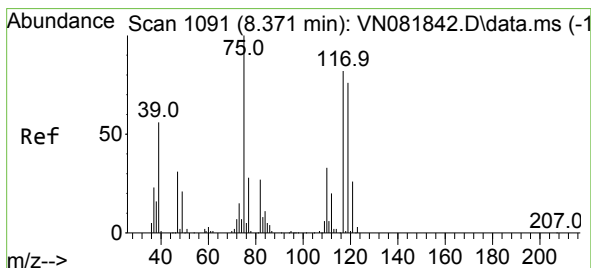
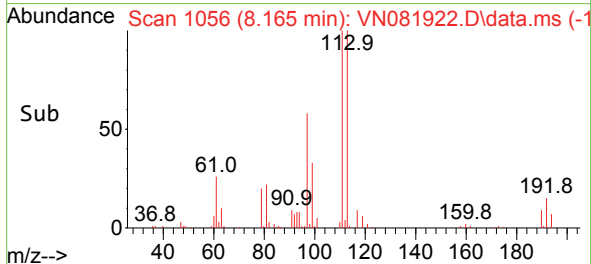
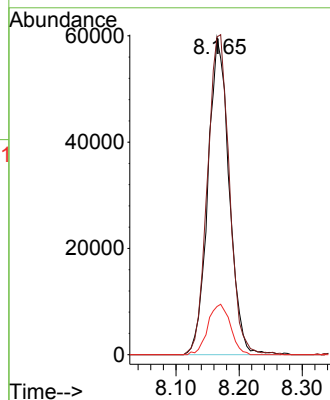
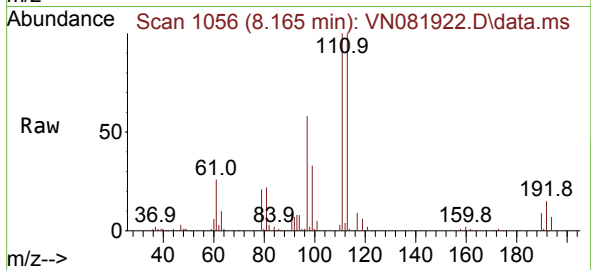




#35
Dibromofluoromethane
Concen: 49.544 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

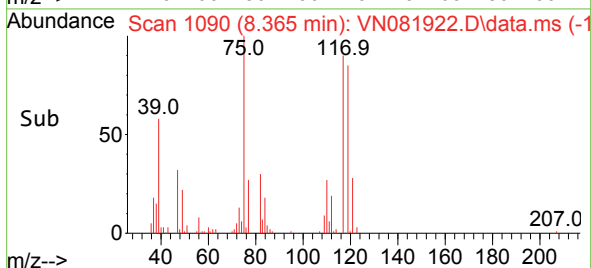
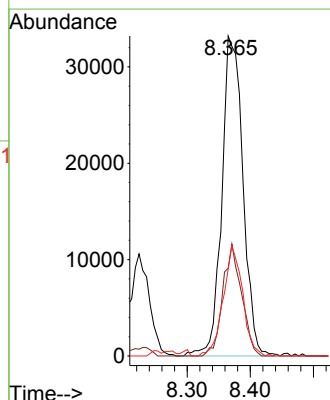
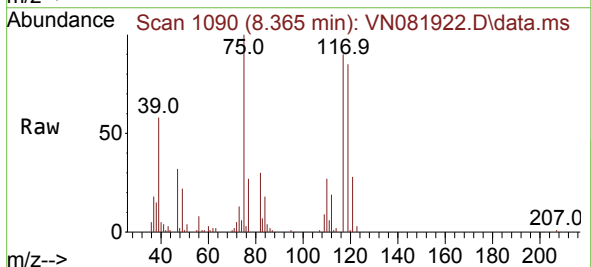
Instrument :
MSVOA_N
ClientSampleId :

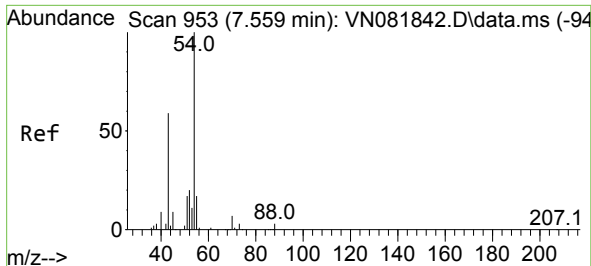
Tgt Ion:113 Resp: 139445
Ion Ratio Lower Upper
113 100
111 104.1 83.4 125.2
192 16.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 16.871 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

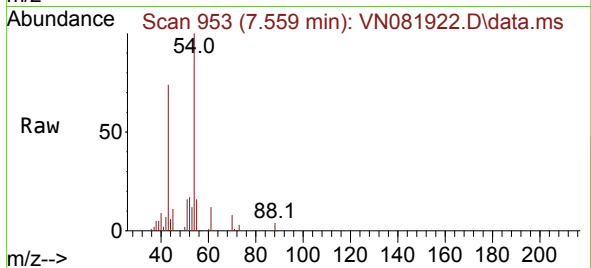
Tgt Ion: 75 Resp: 77251
Ion Ratio Lower Upper
75 100
110 31.0 17.8 53.5
77 31.6 25.0 37.4



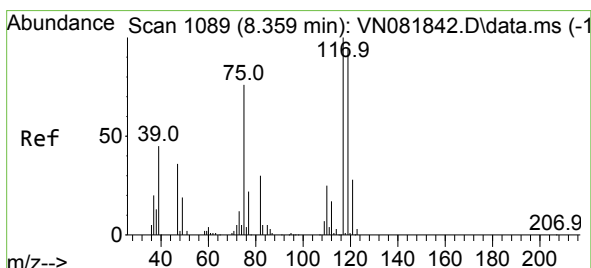
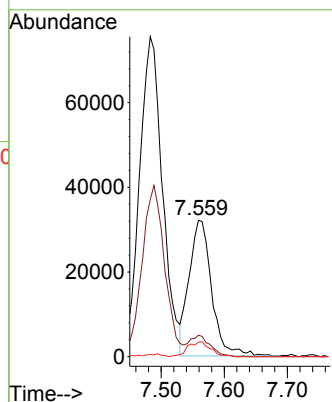
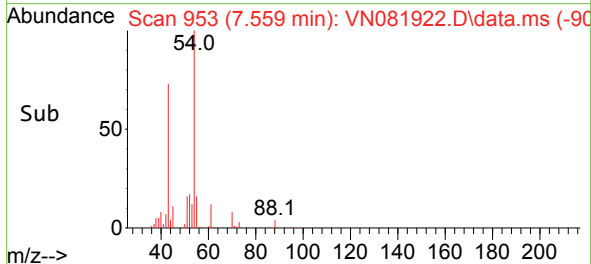


#37
Ethyl Acetate
Concen: 16.027 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

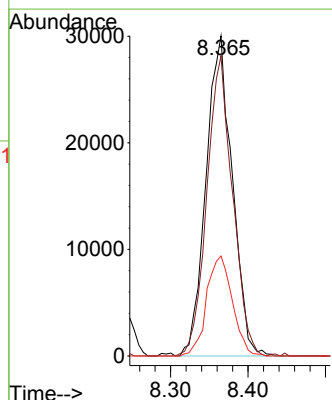
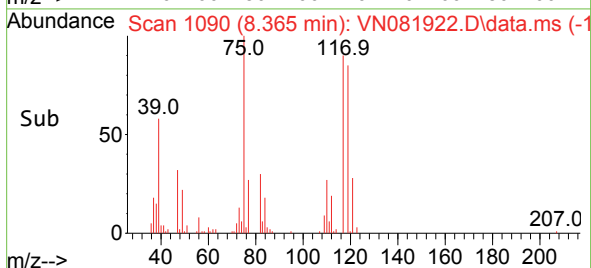
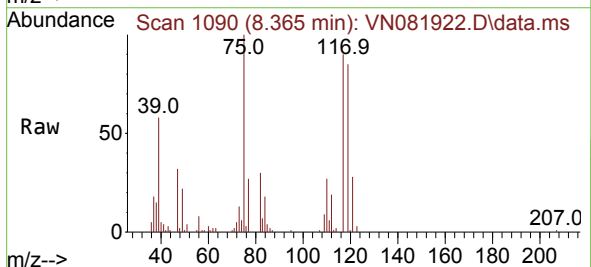


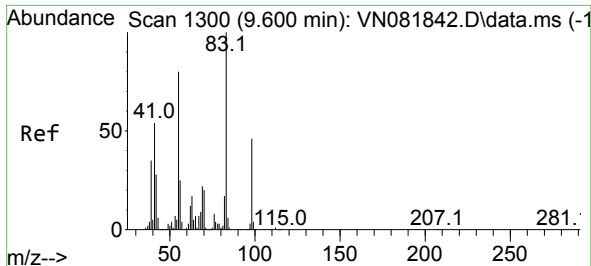
Tgt Ion: 43 Resp: 79347
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 11.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 15.801 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 117 Resp: 70713
Ion Ratio Lower Upper
117 100
119 93.8 76.5 114.7
121 31.2 23.9 35.9





#39

Methylcyclohexane

Concen: 17.382 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

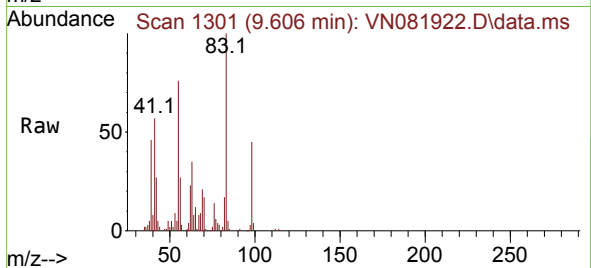
Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :



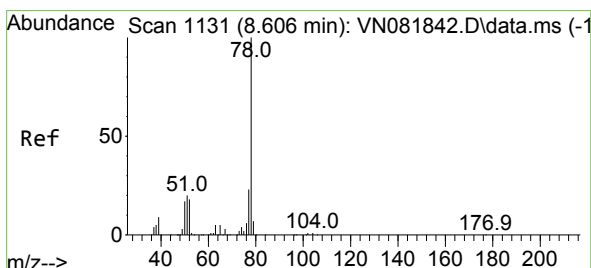
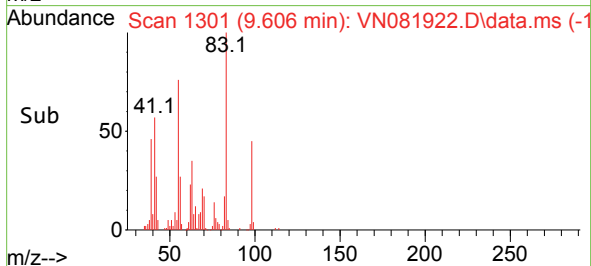
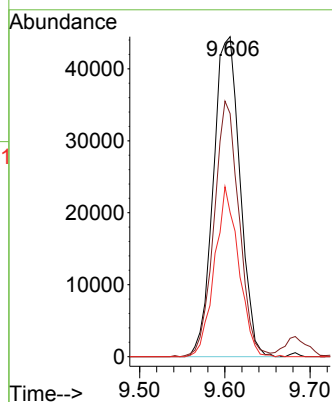
Tgt Ion: 83 Resp: 96660

Ion Ratio Lower Upper

83 100

55 76.0 53.0 79.6

98 45.1 37.1 55.7



#40

Benzene

Concen: 17.812 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081922.D

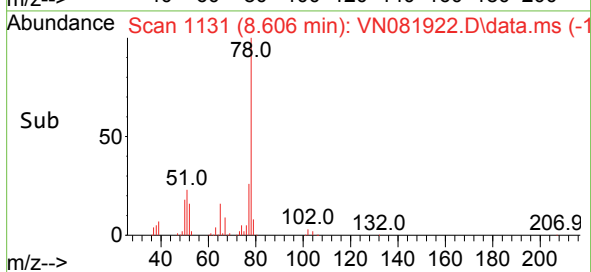
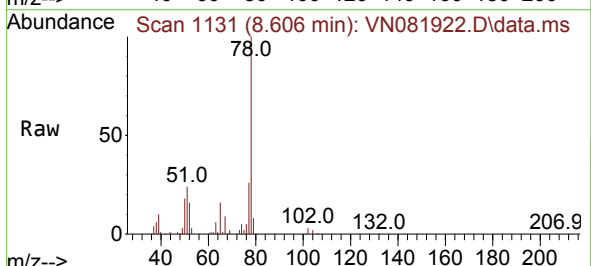
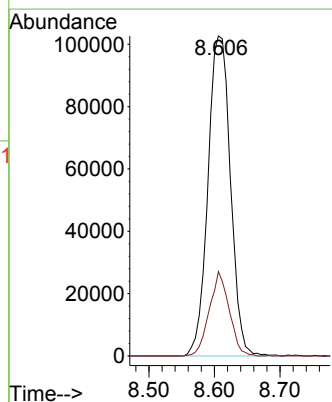
Acq: 30 Apr 2024 11:21

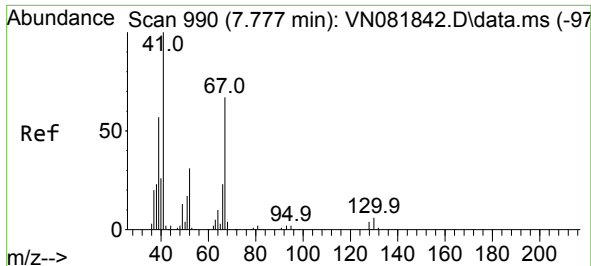
Tgt Ion: 78 Resp: 244844

Ion Ratio Lower Upper

78 100

77 26.3 20.0 30.0

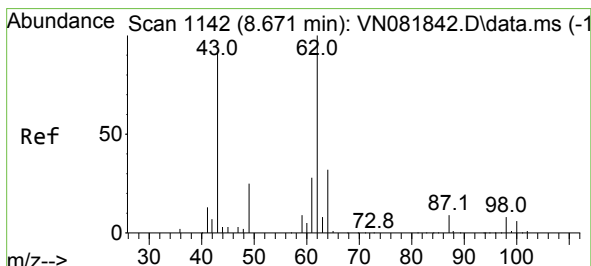
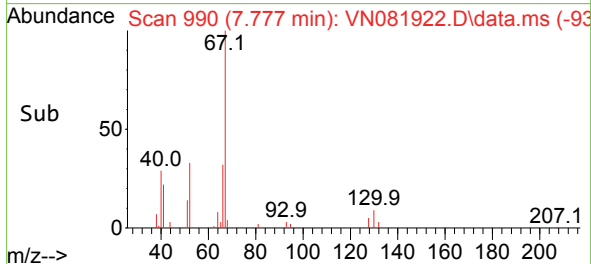
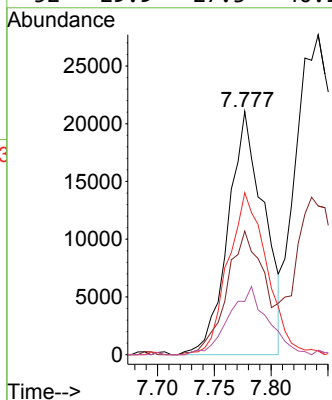
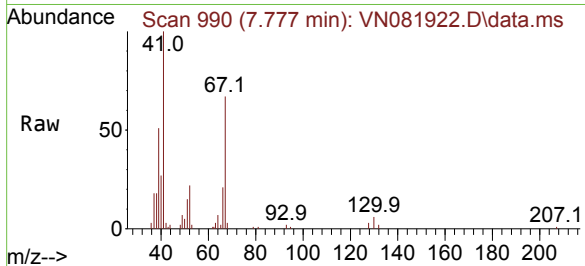




#41
Methacrylonitrile
Concen: 14.683 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

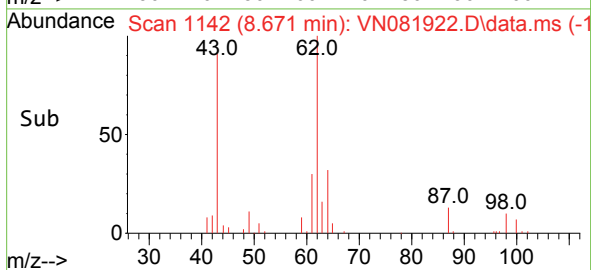
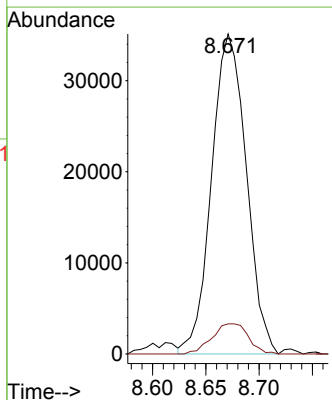
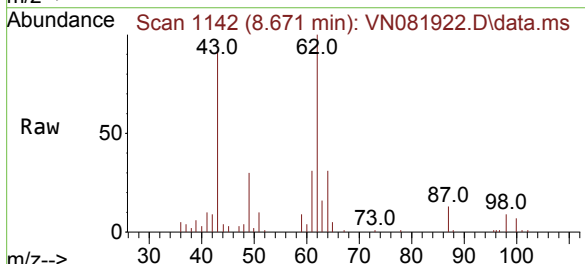
Instrument :
MSVOA_N
ClientSampleId :

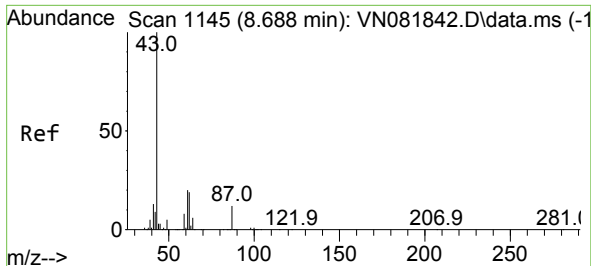
Tgt Ion:	41	Resp:	46385
Ion Ratio	Lower	Upper	
41	100		
39	54.5	46.6	69.8
67	72.3	67.3	100.9
52	29.9	27.3	40.9



#42
1,2-Dichloroethane
Concen: 15.591 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion:	62	Resp:	79580
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	19.6

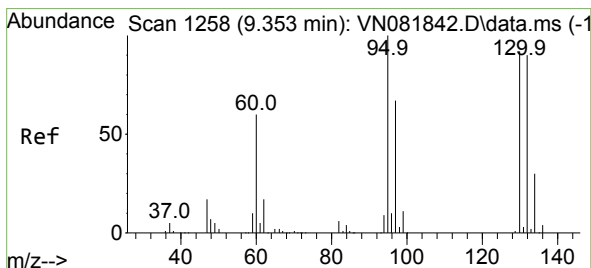
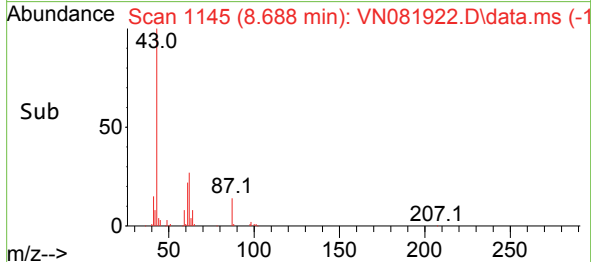
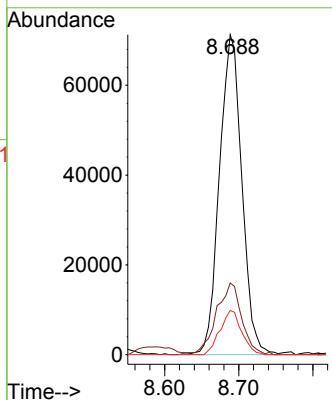
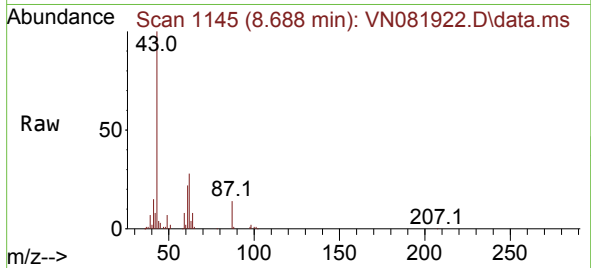




#43
Isopropyl Acetate
Concen: 16.099 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

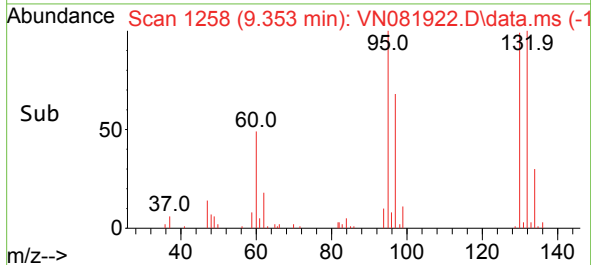
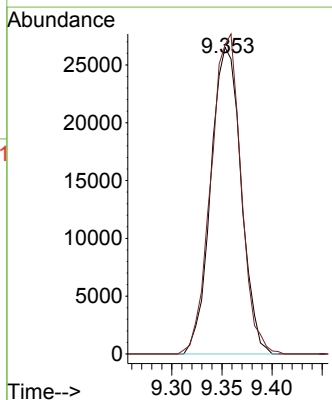
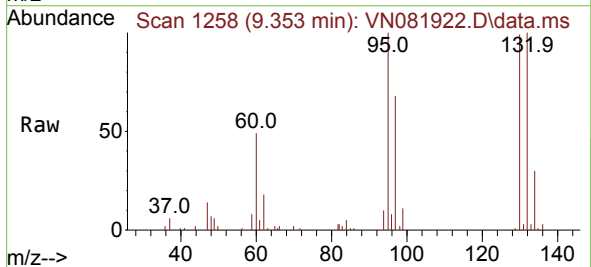
Instrument :
MSVOA_N
ClientSampleId :

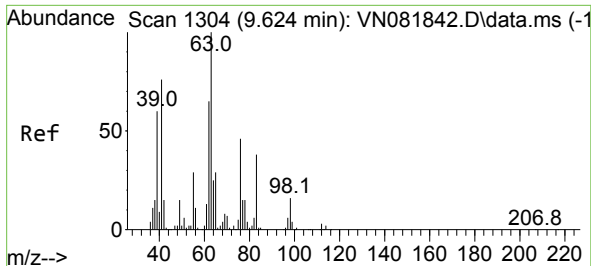
Tgt Ion: 43 Resp: 149861
Ion Ratio Lower Upper
43 100
61 25.1 22.8 34.2
87 13.3 12.0 18.0



#44
Trichloroethene
Concen: 17.591 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion:130 Resp: 55750
Ion Ratio Lower Upper
130 100
95 100.9 0.0 195.4





#45

1,2-Dichloropropane

Concen: 17.169 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

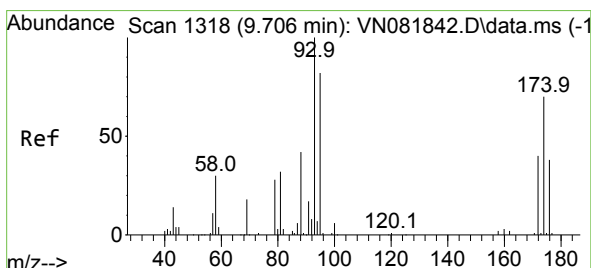
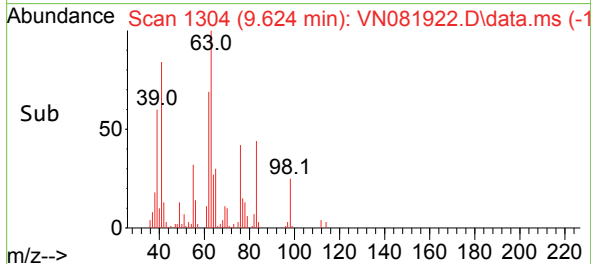
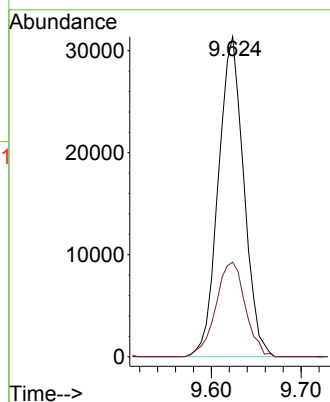
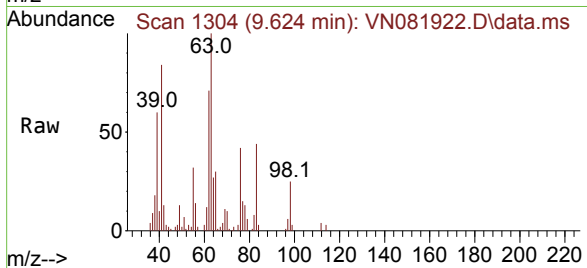
ClientSampleId :

Tgt Ion: 63 Resp: 61764

Ion Ratio Lower Upper

63 100

65 29.5 24.1 36.1



#46

Dibromomethane

Concen: 15.852 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

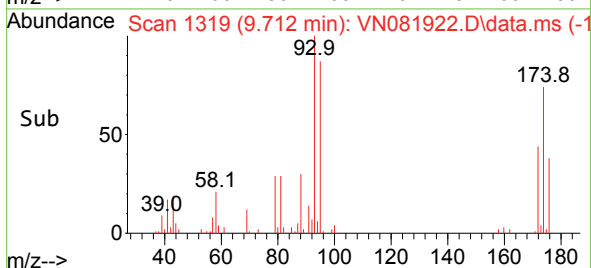
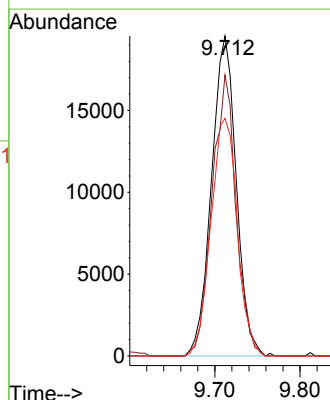
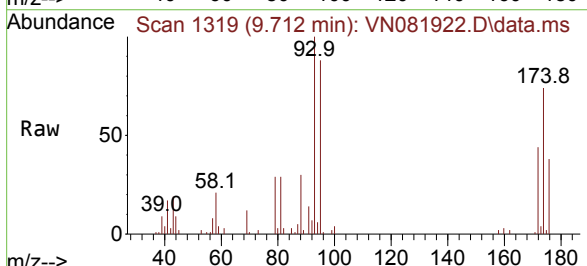
Tgt Ion: 93 Resp: 39416

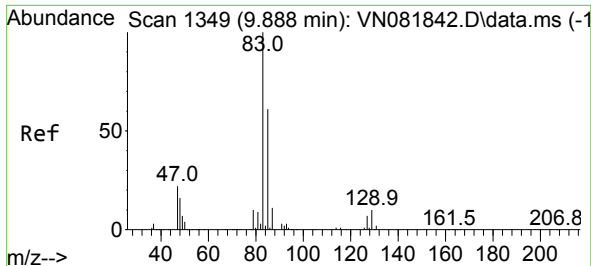
Ion Ratio Lower Upper

93 100

95 85.3 64.8 97.2

174 79.2 73.4 110.0





#47

Bromodichloromethane

Concen: 15.865 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN081922.D

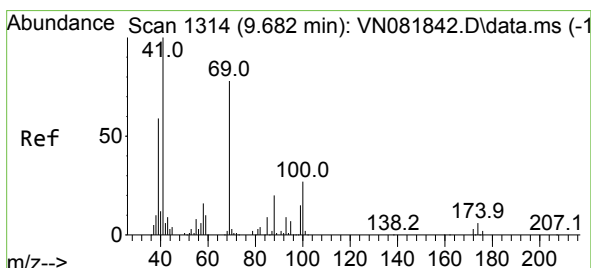
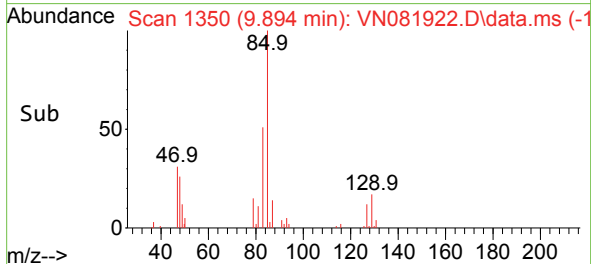
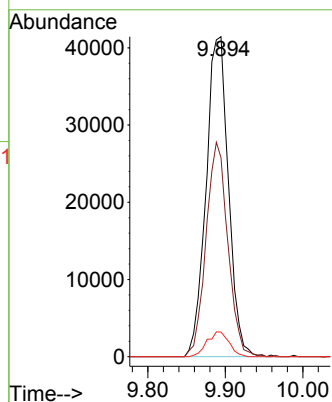
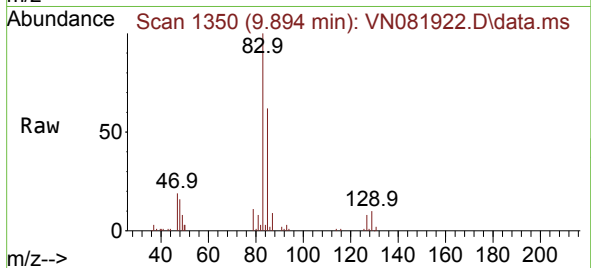
Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	83194
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.9	77.9
127	7.7	7.5	11.3



#48

Methyl methacrylate

Concen: 15.516 ug/l

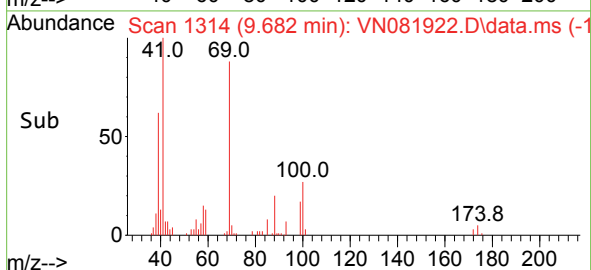
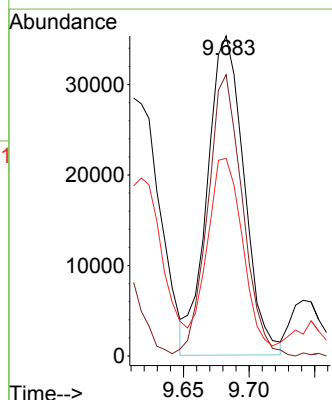
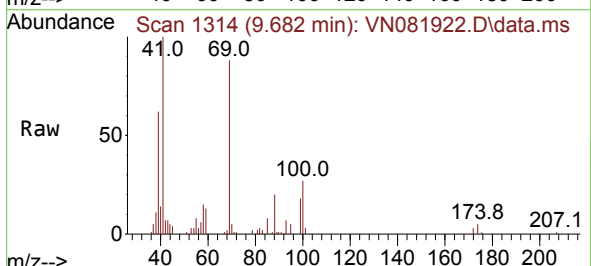
RT: 9.682 min Scan# 1314

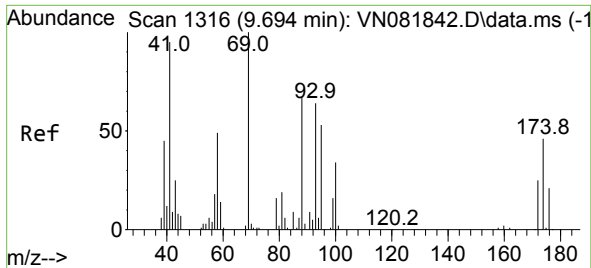
Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Tgt Ion:	41	Resp:	68950
Ion	Ratio	Lower	Upper
41	100		
69	83.0	77.9	116.9
39	60.6	50.9	76.3

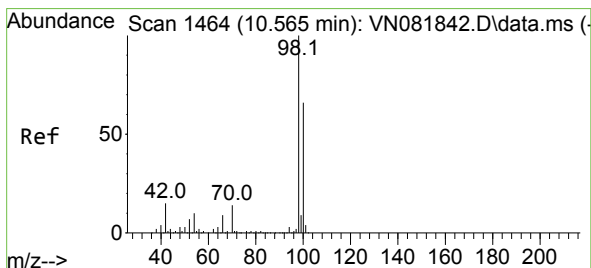
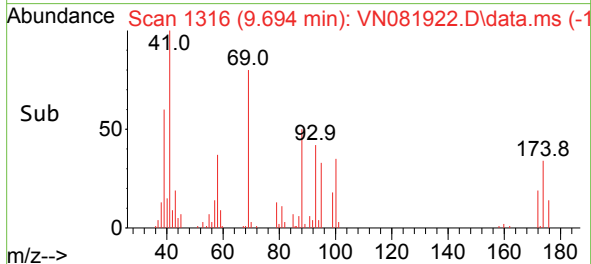
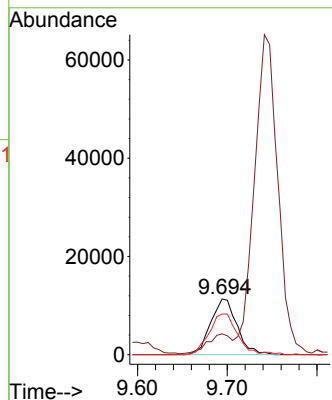
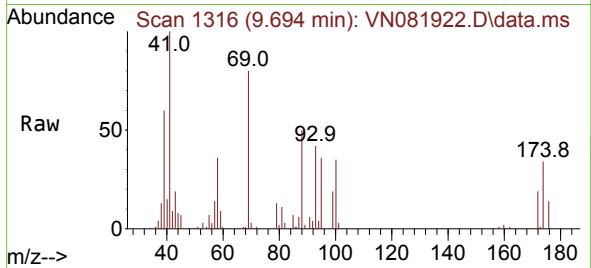




#49
1,4-Dioxane
Concen: 342.356 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

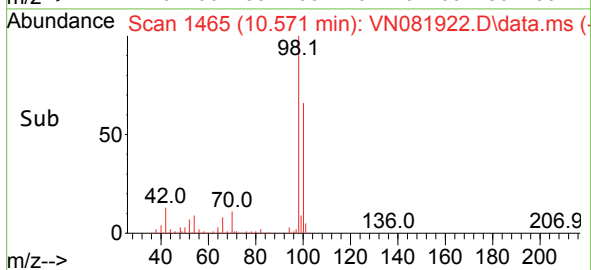
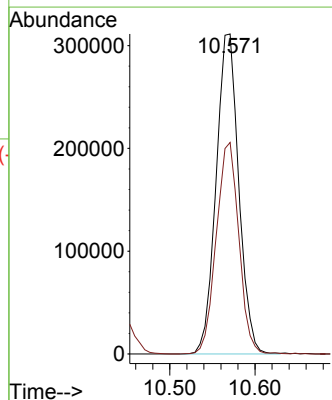
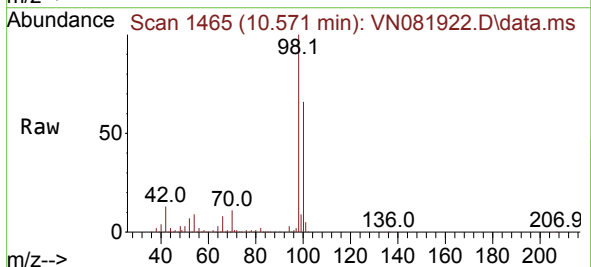
Instrument :
MSVOA_N
ClientSampleId :

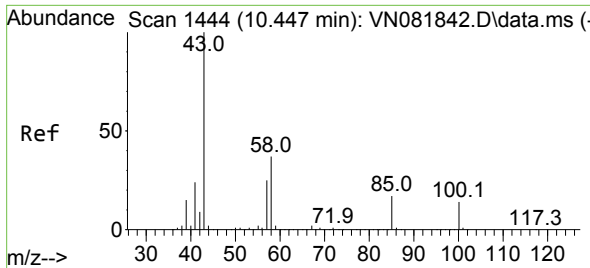
Tgt Ion: 88 Resp: 23124
Ion Ratio Lower Upper
88 100
43 32.5 19.0 28.6#
58 79.1 50.6 76.0#



#50
Toluene-d8
Concen: 52.009 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 98 Resp: 574907
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6

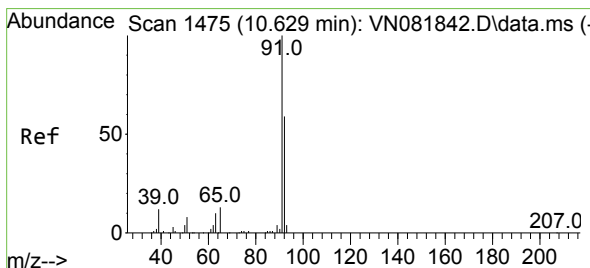
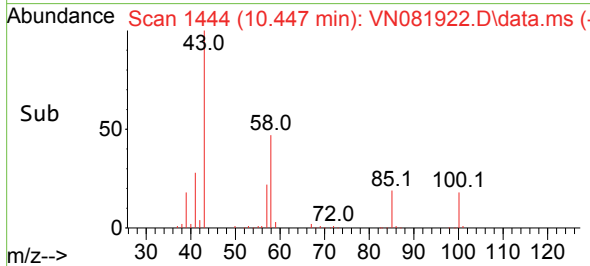
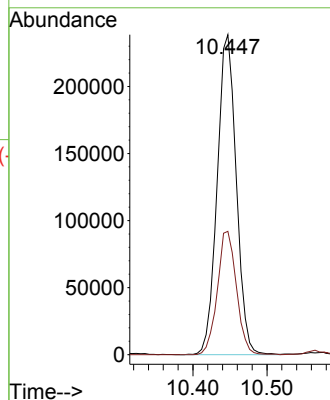
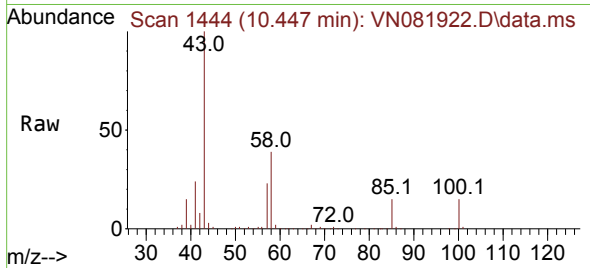




#51
4-Methyl-2-Pentanone
Concen: 81.442 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

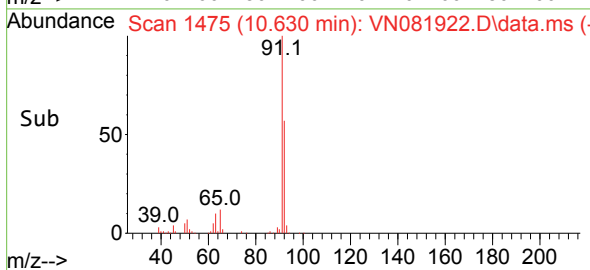
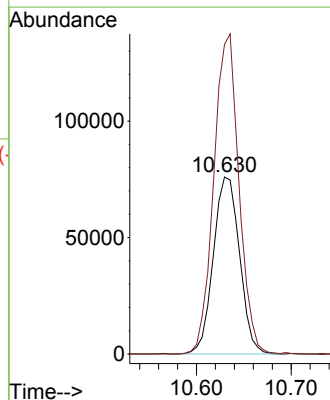
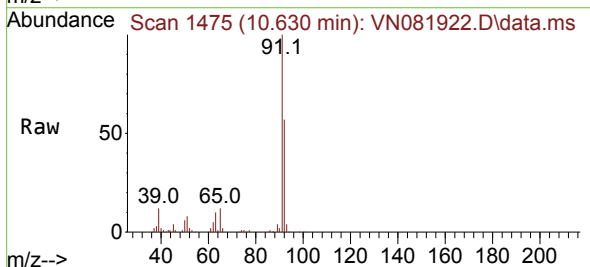
Instrument :
MSVOA_N
ClientSampleId :

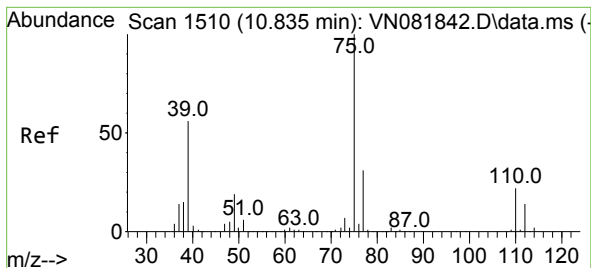
Tgt Ion: 43 Resp: 426790
Ion Ratio Lower Upper
43 100
58 38.6 33.2 49.8



#52
Toluene
Concen: 17.736 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 92 Resp: 145994
Ion Ratio Lower Upper
92 100
91 173.9 136.7 205.1

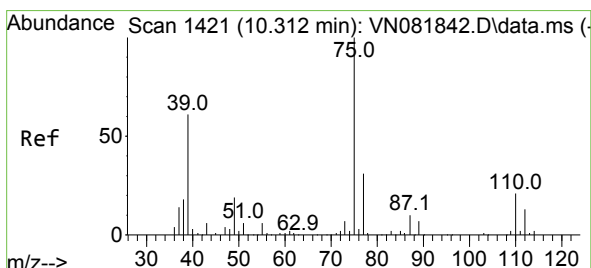
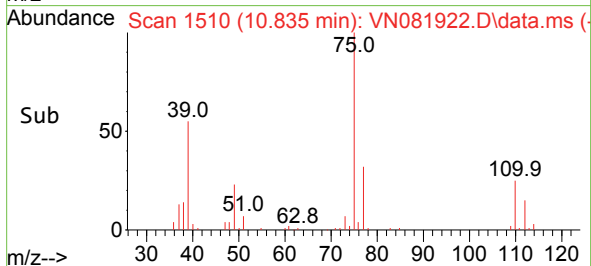
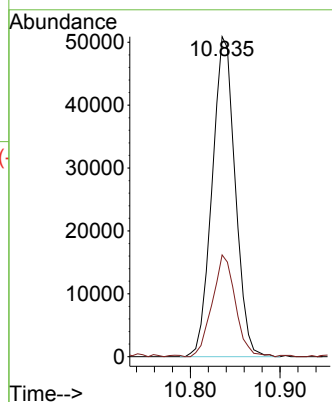
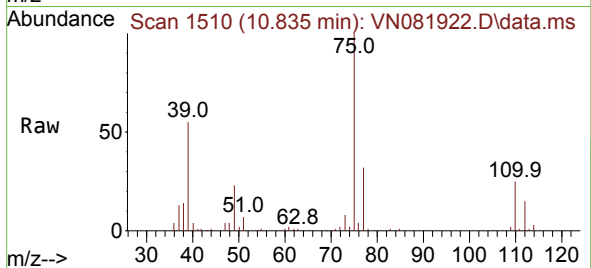




#53
 t-1,3-Dichloropropene
 Concen: 15.911 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081922.D
 Acq: 30 Apr 2024 11:21

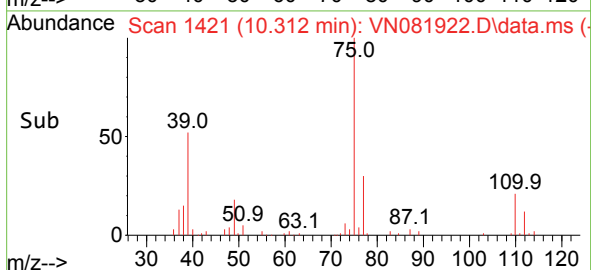
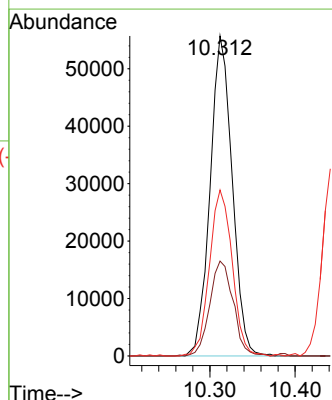
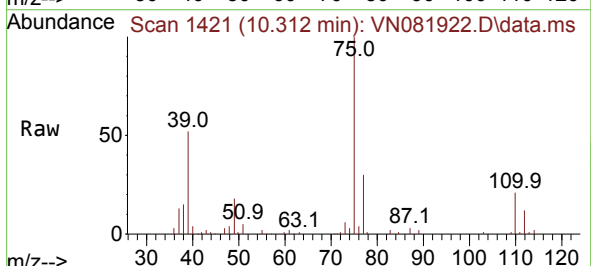
Instrument :
 MSVOA_N
 ClientSampleId :

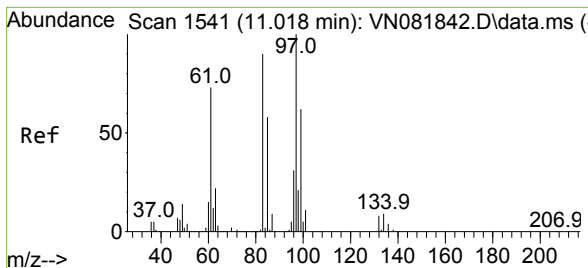
Tgt Ion: 75 Resp: 90781
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 17.089 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081922.D
 Acq: 30 Apr 2024 11:21

Tgt Ion: 75 Resp: 100490
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.0 37.4
 39 51.9 34.8 52.2





#55

1,1,2-Trichloroethane

Concen: 17.263 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.006 min

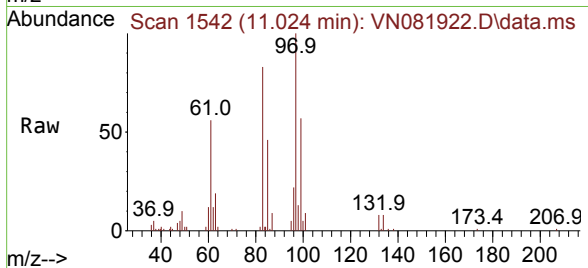
Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 55888

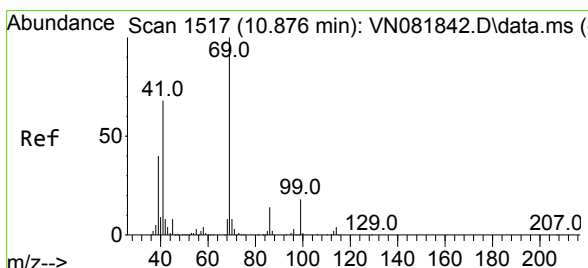
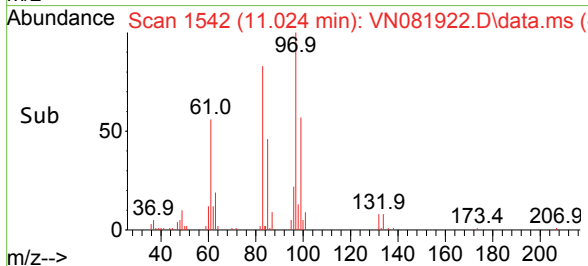
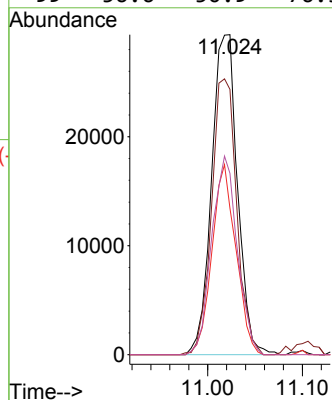
Ion Ratio Lower Upper

97 100

83 82.9 70.4 105.6

85 45.8 45.6 68.4

99 56.6 50.9 76.3



#56

Ethyl methacrylate

Concen: 16.420 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

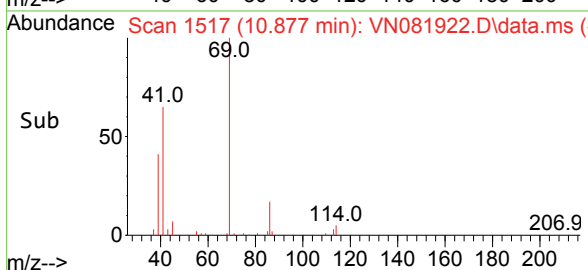
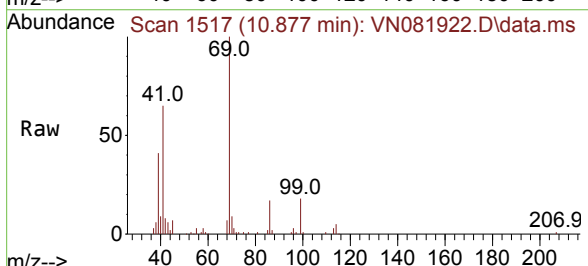
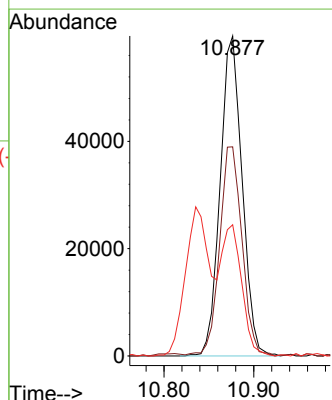
Tgt Ion: 69 Resp: 101225

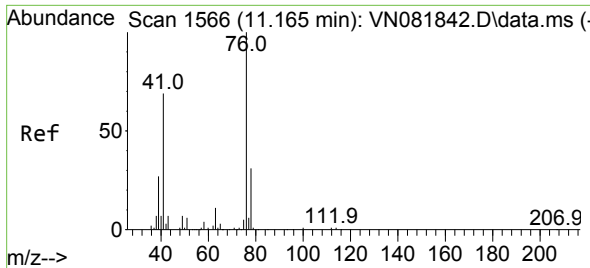
Ion Ratio Lower Upper

69 100

41 65.7 46.6 70.0

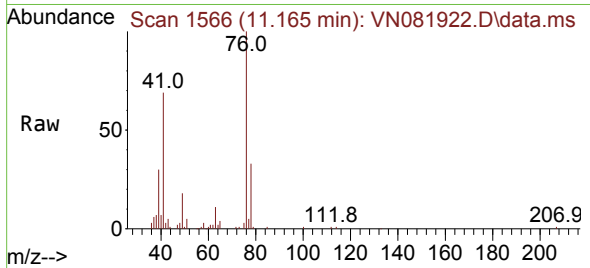
39 37.0 26.5 39.7



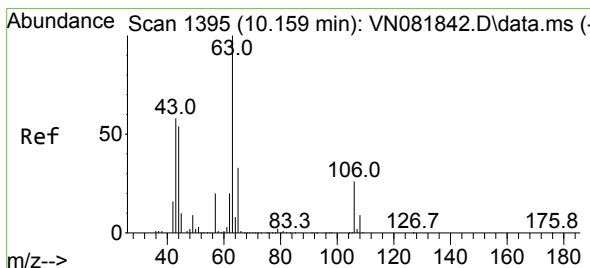
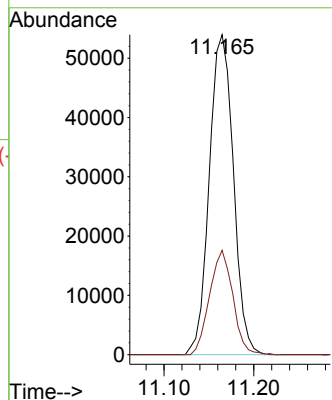
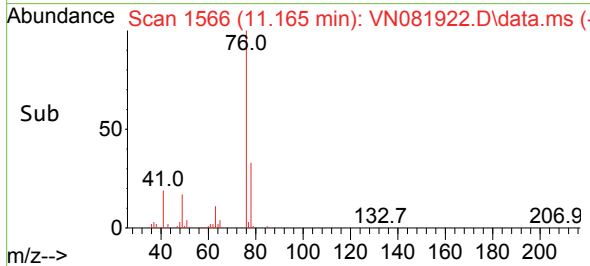


#57
1,3-Dichloropropane
Concen: 17.486 ug/l
RT: 11.165 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

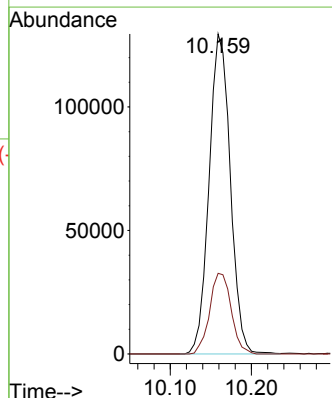
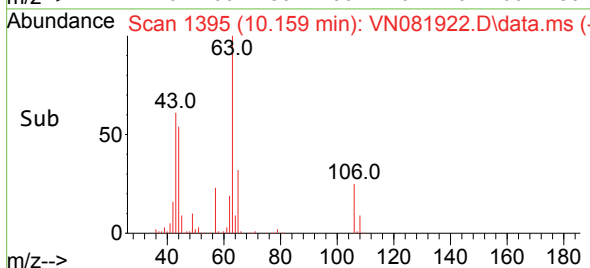
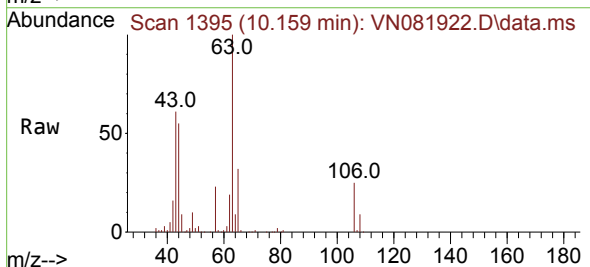


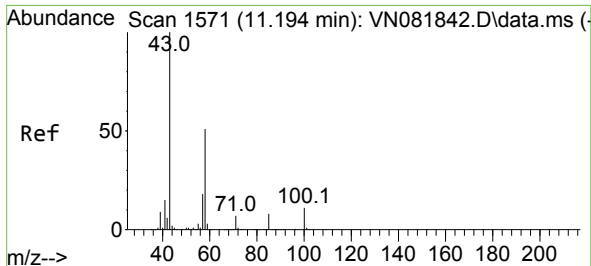
Tgt Ion: 76 Resp: 100644
Ion Ratio Lower Upper
76 100
78 31.5 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 83.666 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

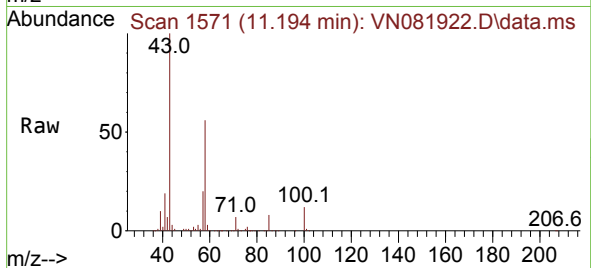
Tgt Ion: 63 Resp: 234959
Ion Ratio Lower Upper
63 100
106 25.6 24.6 36.8



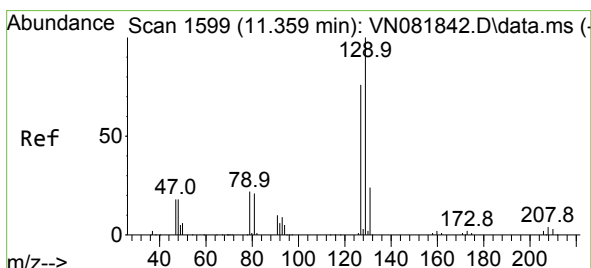
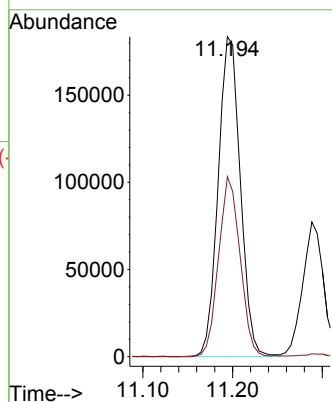
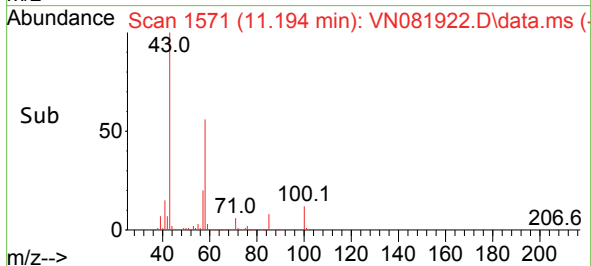


#59
2-Hexanone
Concen: 80.772 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

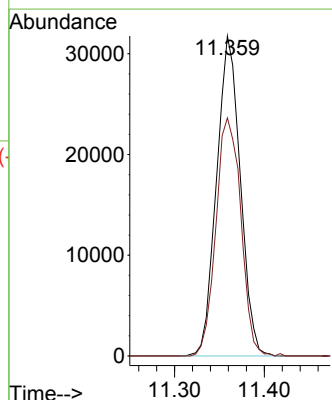
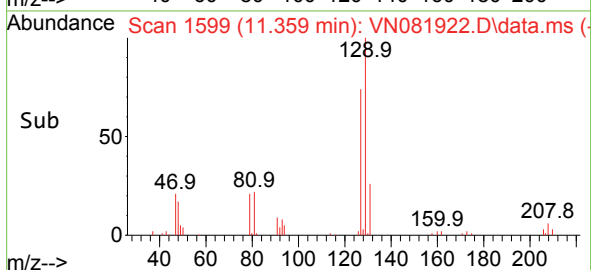
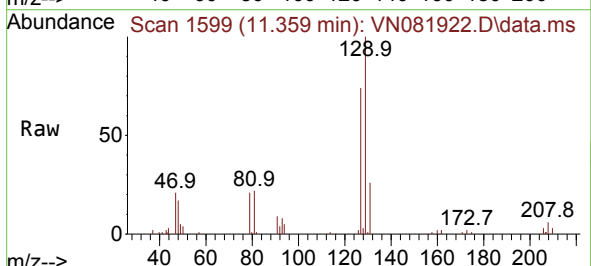


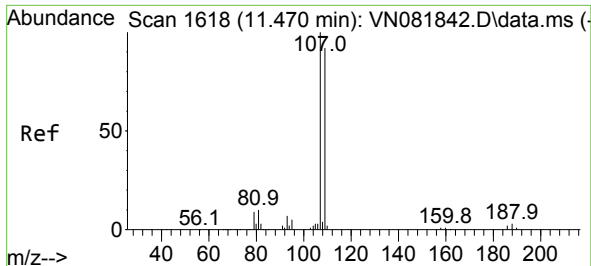
Tgt Ion: 43 Resp: 315004
Ion Ratio Lower Upper
43 100
58 54.7 28.3 84.9



#60
Dibromochloromethane
Concen: 17.005 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion: 129 Resp: 58309
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.8

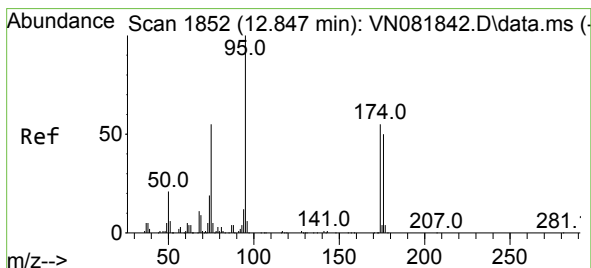
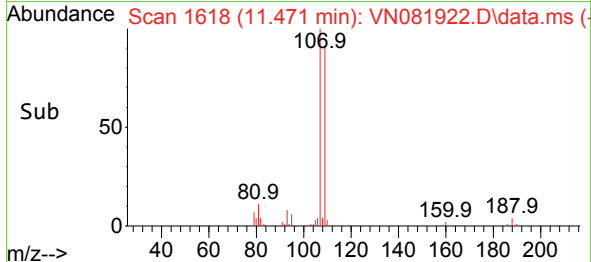
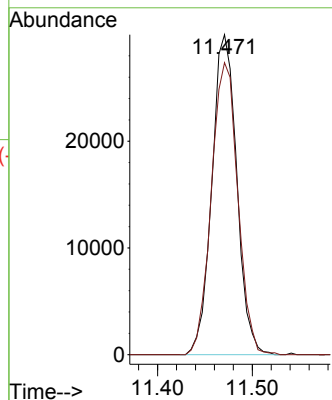
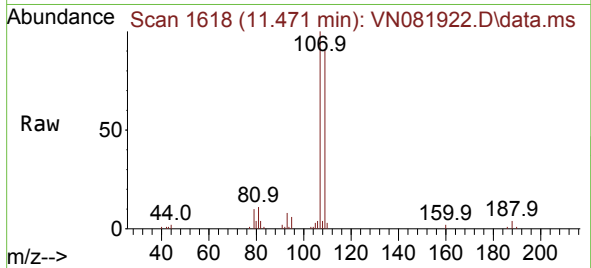




#61
1,2-Dibromoethane
Concen: 17.644 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

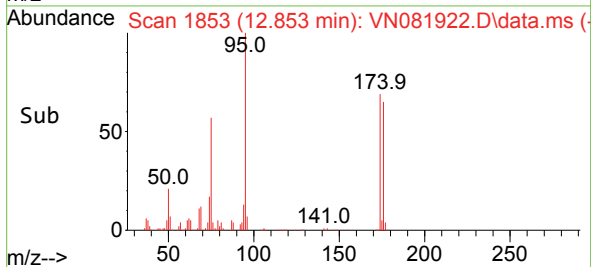
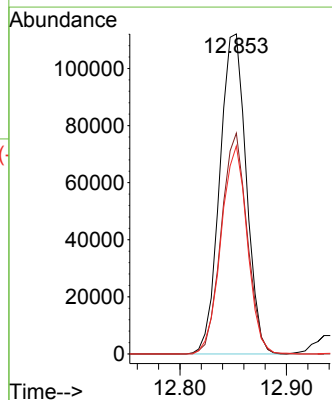
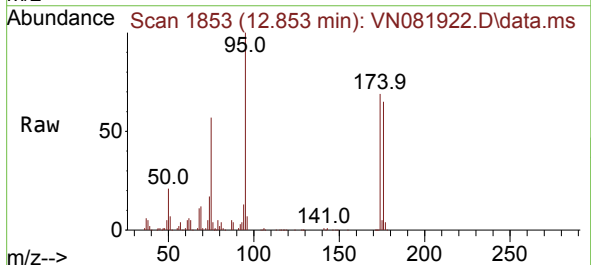
Instrument :
MSVOA_N
ClientSampleId :

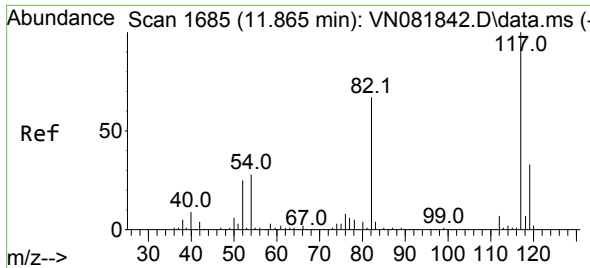
Tgt Ion:107 Resp: 54624
Ion Ratio Lower Upper
107 100
109 97.1 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 44.290 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

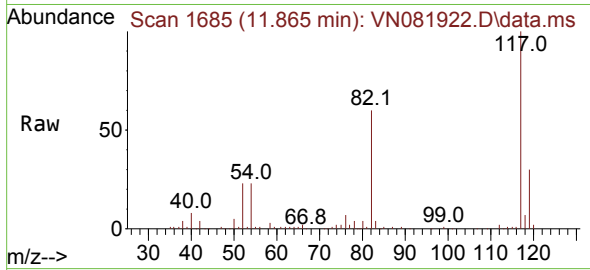
Tgt Ion: 95 Resp: 193536
Ion Ratio Lower Upper
95 100
174 67.6 0.0 160.6
176 64.2 0.0 152.8



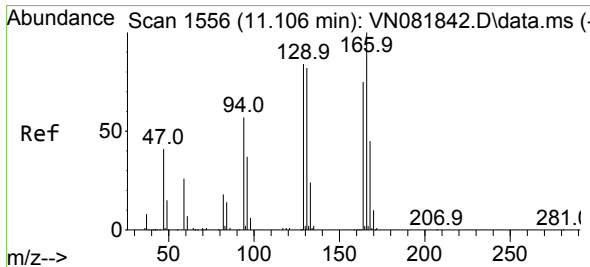
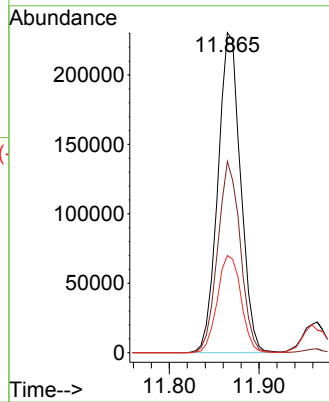
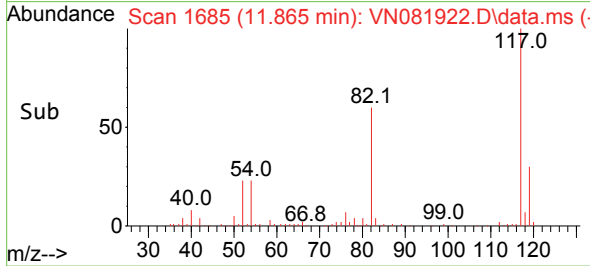


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

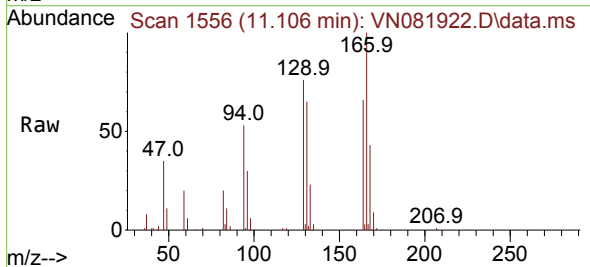
Instrument :
MSVOA_N
ClientSampleId :



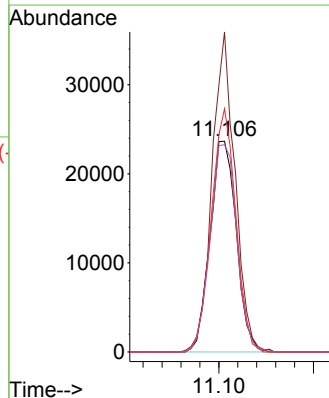
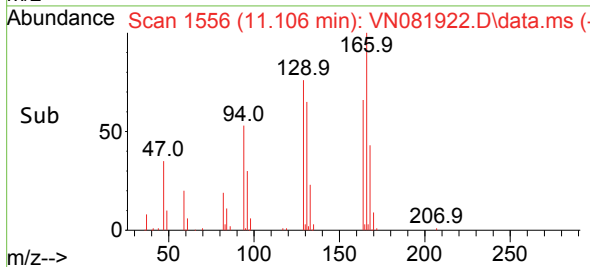
Tgt Ion:117 Resp: 404596
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 30.3 25.9 38.9

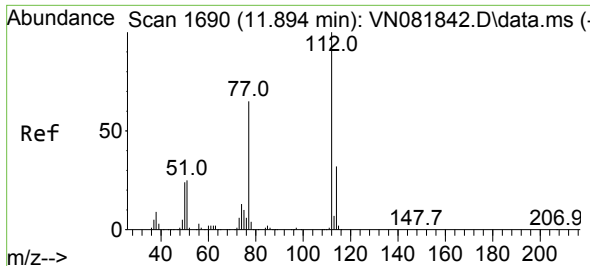


#64
Tetrachloroethene
Concen: 15.466 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21



Tgt Ion:164 Resp: 45449
Ion Ratio Lower Upper
164 100
166 151.9 97.6 146.4#
129 115.4 73.7 110.5#
131 98.3 75.8 113.6

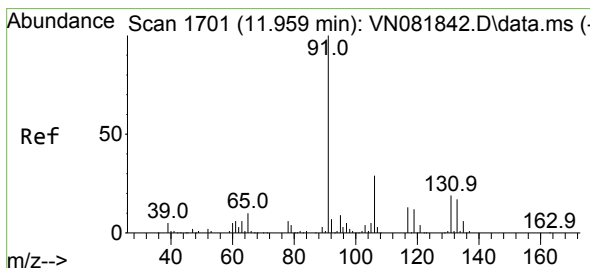
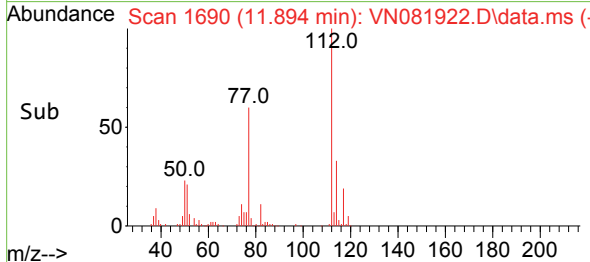
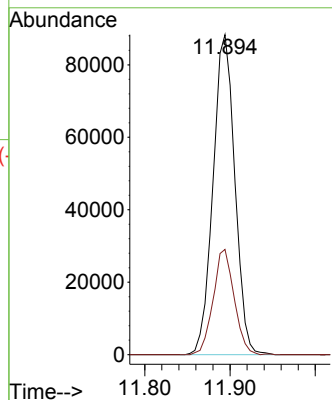
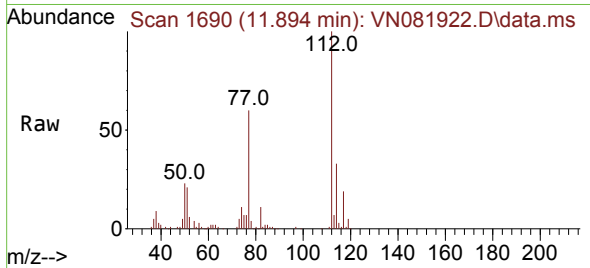




#65
Chlorobenzene
Concen: 17.749 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

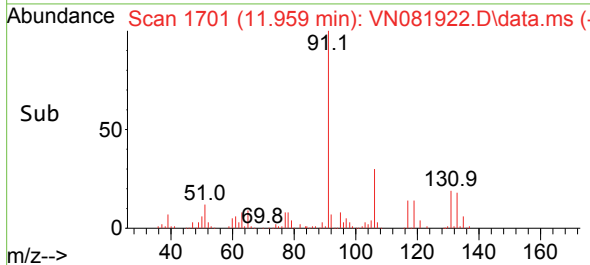
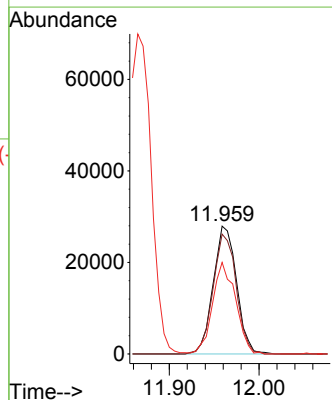
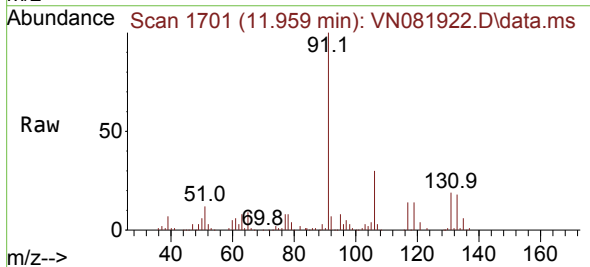
Instrument :
MSVOA_N
ClientSampleId :

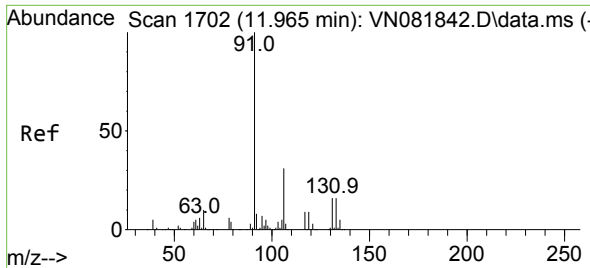
Tgt Ion:112 Resp: 156821
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 17.565 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion:131 Resp: 50439
Ion Ratio Lower Upper
131 100
133 93.3 47.5 142.6
119 70.7 32.9 98.7

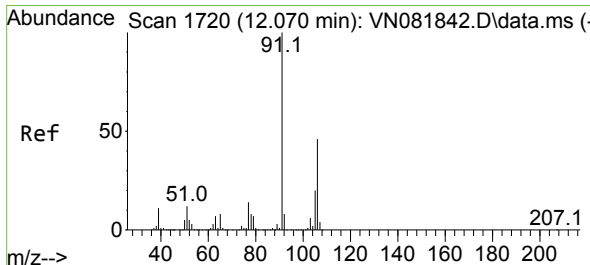
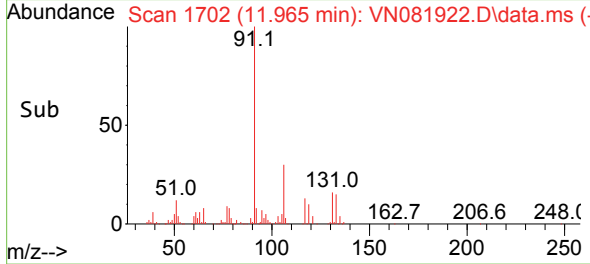
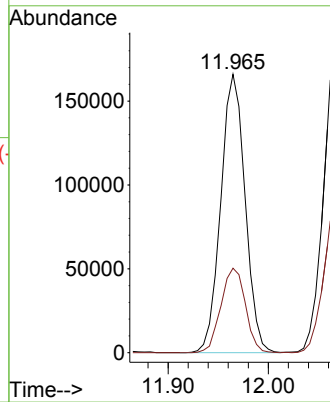
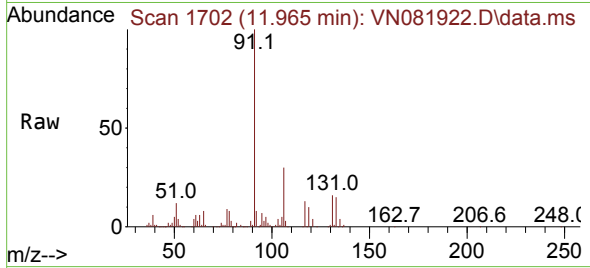




#67
Ethyl Benzene
Concen: 17.018 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

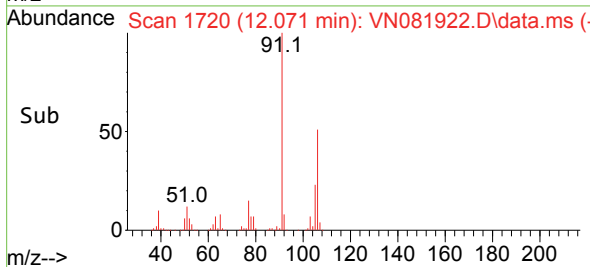
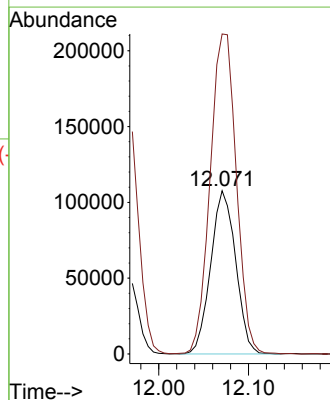
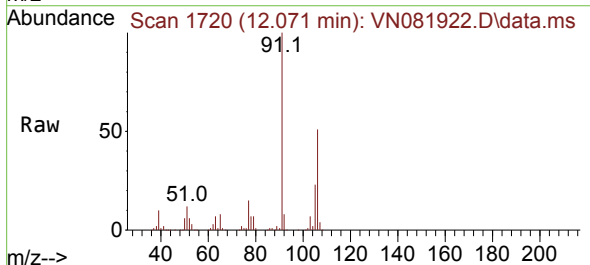
Instrument :
MSVOA_N
ClientSampleId :

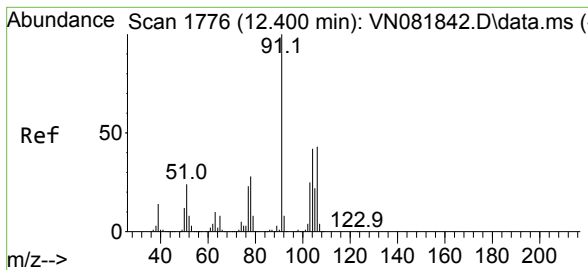
Tgt Ion: 91 Resp: 279637
Ion Ratio Lower Upper
91 100
106 30.3 25.3 37.9



#68
m/p-Xylenes
Concen: 35.492 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion:106 Resp: 208023
Ion Ratio Lower Upper
106 100
91 206.0 159.4 239.0

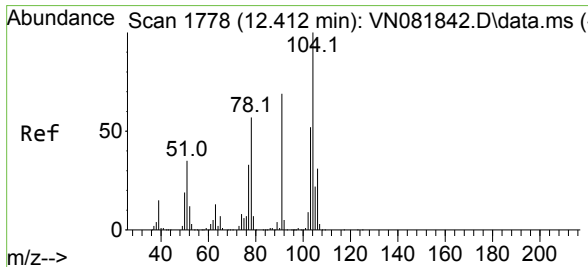
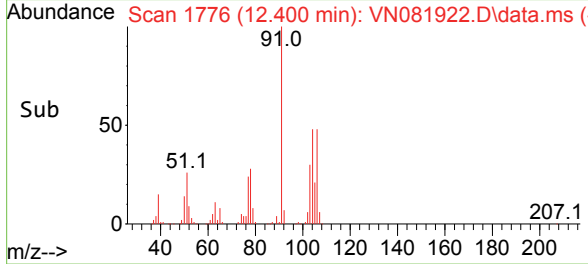
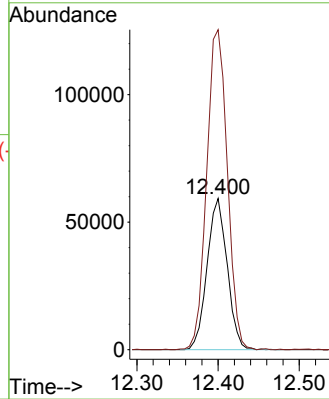
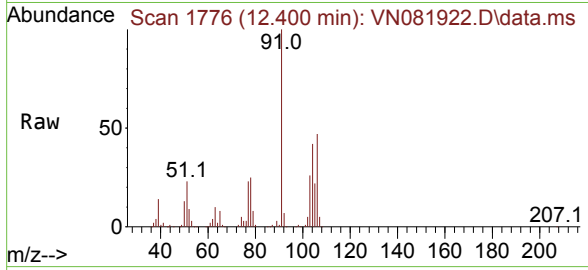




#69
o-Xylene
Concen: 17.794 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

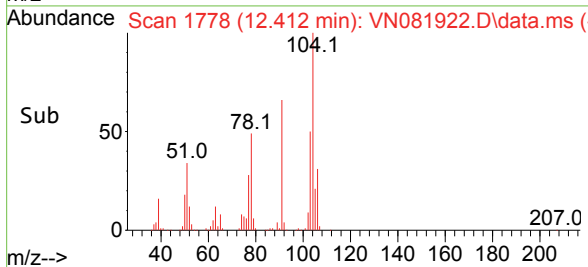
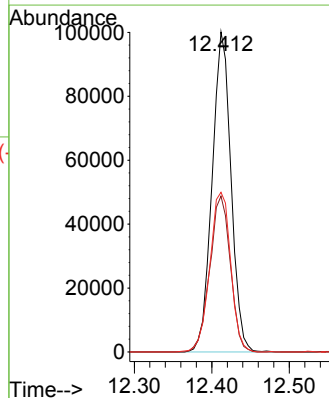
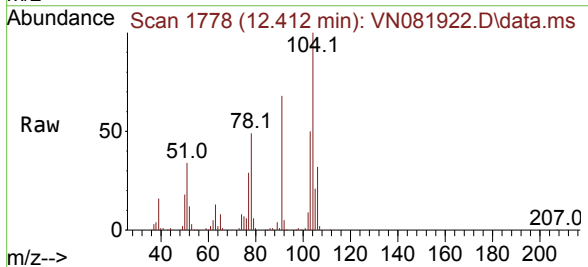
Instrument :
MSVOA_N
ClientSampleId :

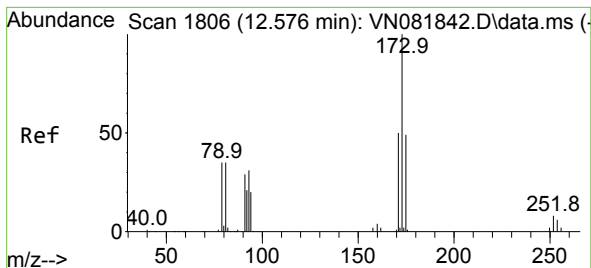
Tgt Ion:106 Resp: 101819
Ion Ratio Lower Upper
106 100
91 217.6 104.7 314.1



#70
Styrene
Concen: 17.151 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion:104 Resp: 169776
Ion Ratio Lower Upper
104 100
78 52.9 38.6 58.0
103 55.1 43.8 65.6





#71

Bromoform

Concen: 14.782 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

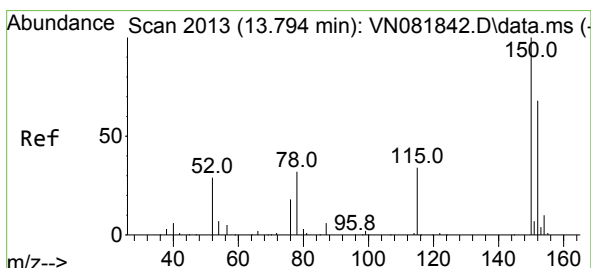
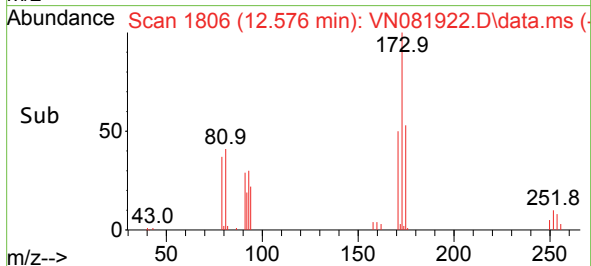
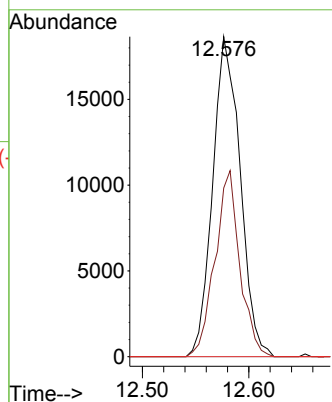
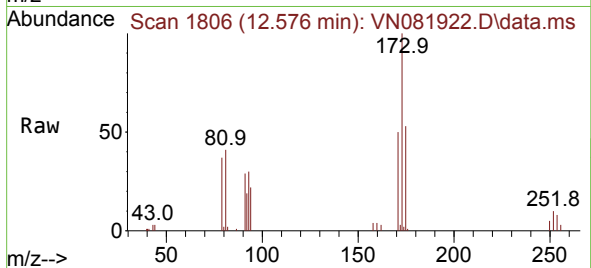
Tgt Ion:173 Resp: 33370

Ion Ratio Lower Upper

173 100

175 52.6 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

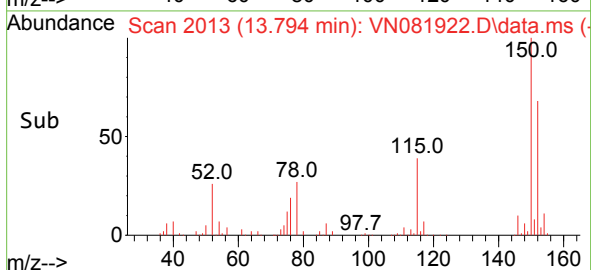
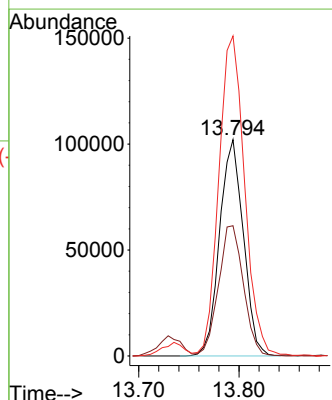
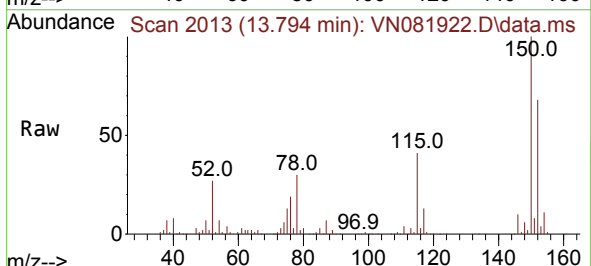
Tgt Ion:152 Resp: 167896

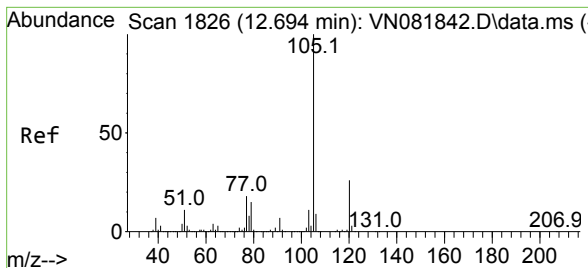
Ion Ratio Lower Upper

152 100

115 63.3 30.4 91.3

150 159.8 0.0 353.2





#73

Isopropylbenzene

Concen: 18.013 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

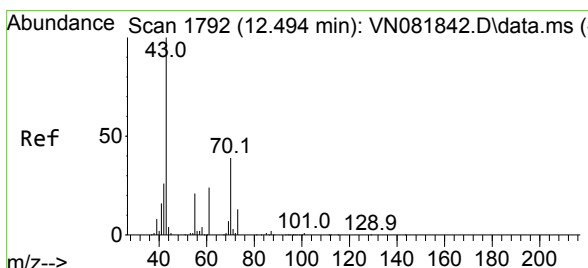
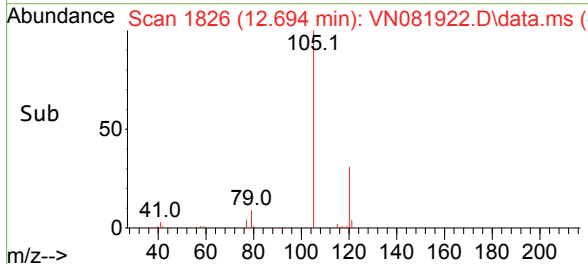
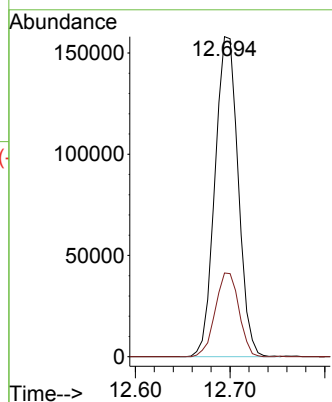
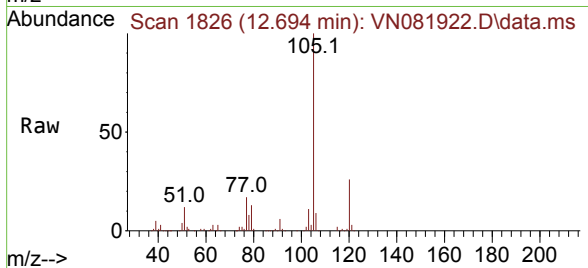
ClientSampleId :

Tgt Ion:105 Resp: 268889

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 15.887 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Tgt Ion: 43 Resp: 132036

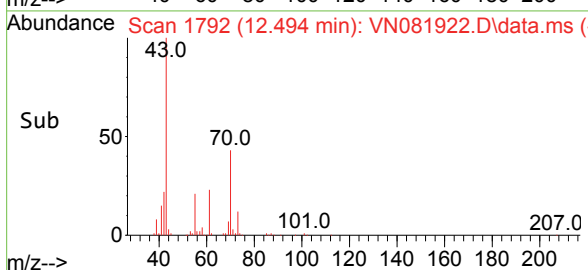
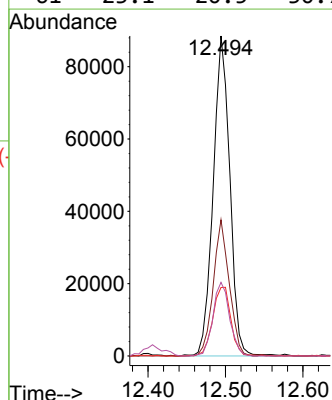
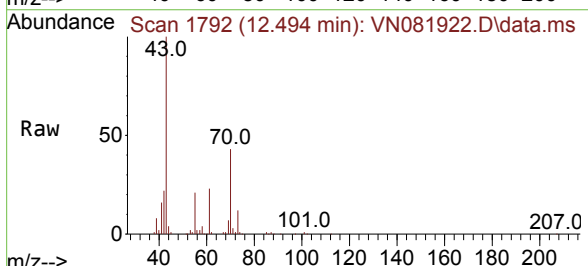
Ion Ratio Lower Upper

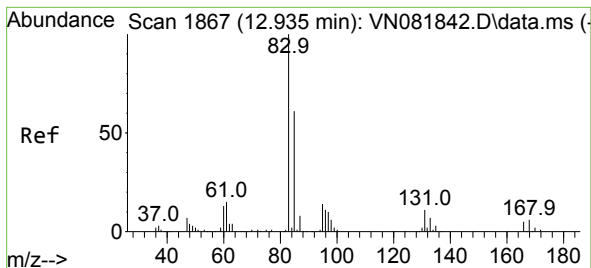
43 100

70 40.8 39.0 58.4

55 23.5 21.3 31.9

61 23.1 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 16.962 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

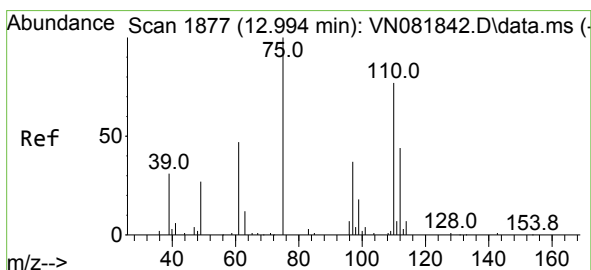
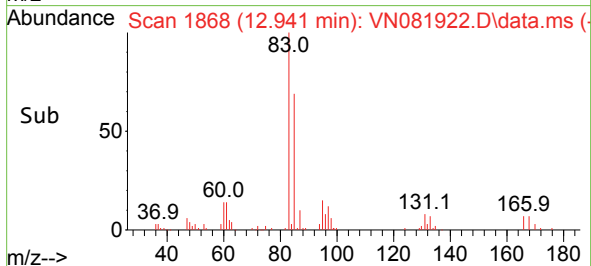
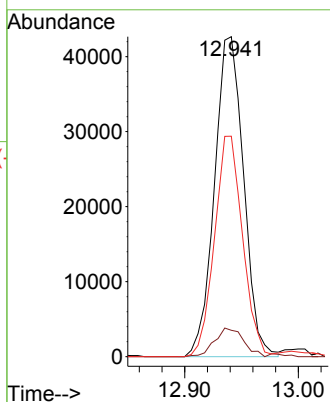
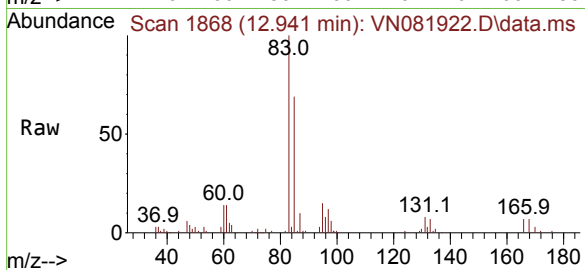
Tgt Ion: 83 Resp: 76034

Ion Ratio Lower Upper

83 100

131 9.2 5.5 16.4

85 66.5 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 24.915 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081922.D

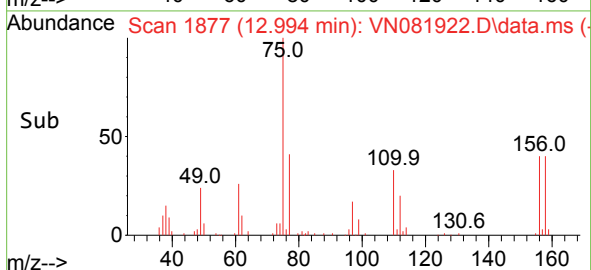
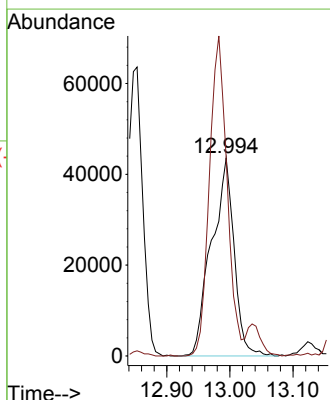
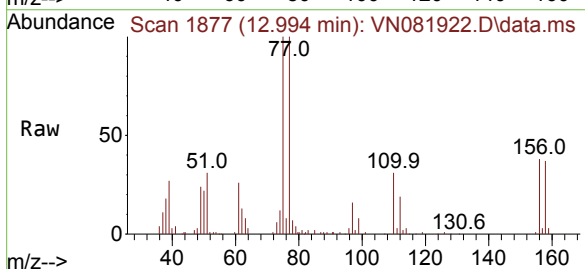
Acq: 30 Apr 2024 11:21

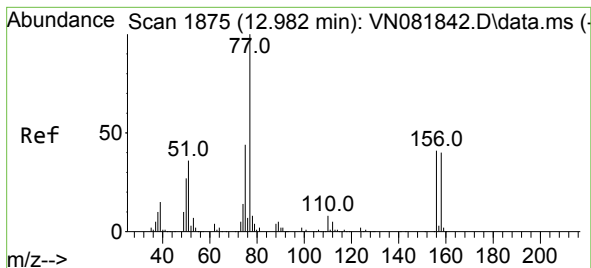
Tgt Ion: 75 Resp: 108459

Ion Ratio Lower Upper

75 100

77 126.2 90.5 271.3





#77

Bromobenzene

Concen: 17.298 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

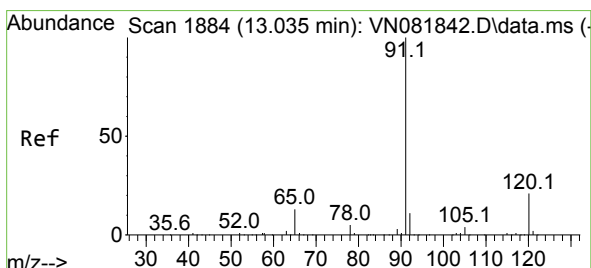
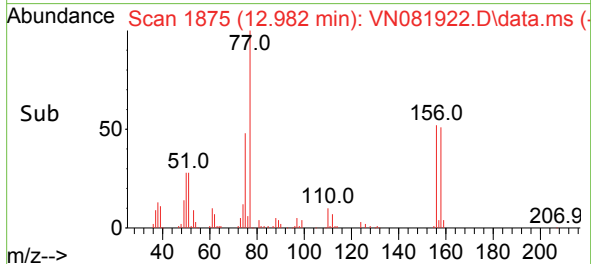
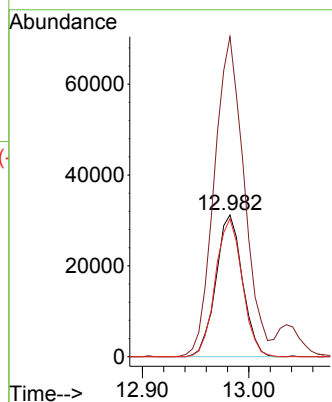
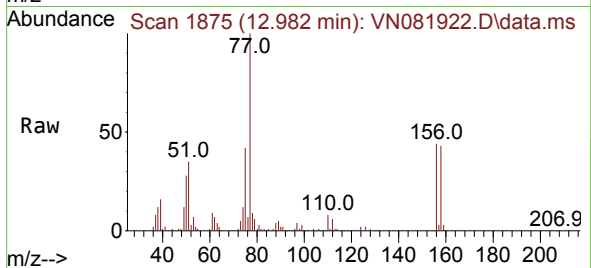
Tgt Ion:156 Resp: 54035

Ion Ratio Lower Upper

156 100

77 253.4 100.2 300.6

158 98.0 49.1 147.3



#78

n-propylbenzene

Concen: 17.041 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081922.D

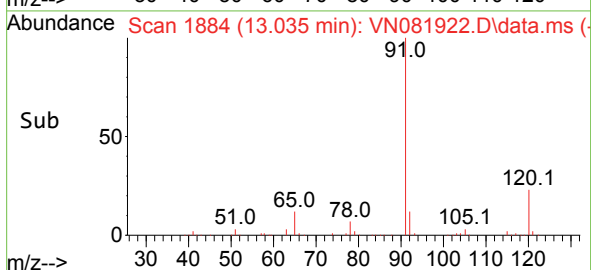
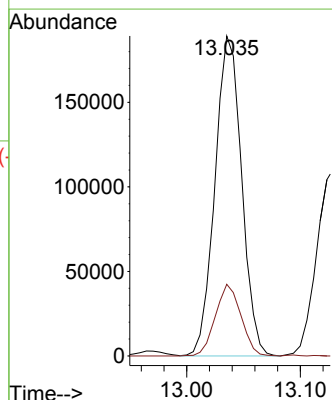
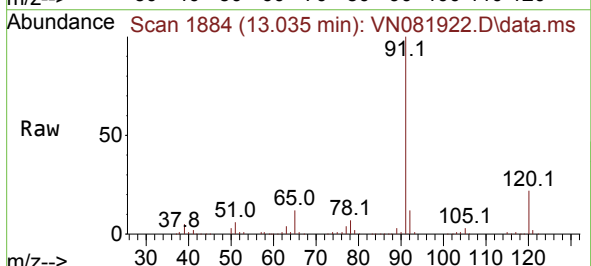
Acq: 30 Apr 2024 11:21

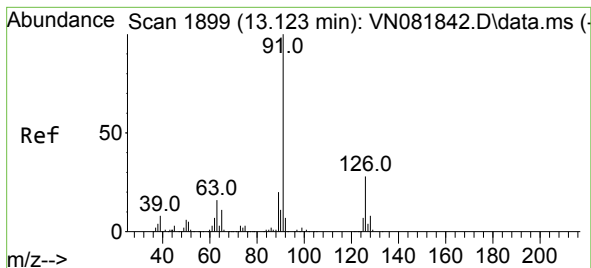
Tgt Ion: 91 Resp: 308987

Ion Ratio Lower Upper

91 100

120 21.5 11.7 35.0





#79

2-Chlorotoluene

Concen: 16.283 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

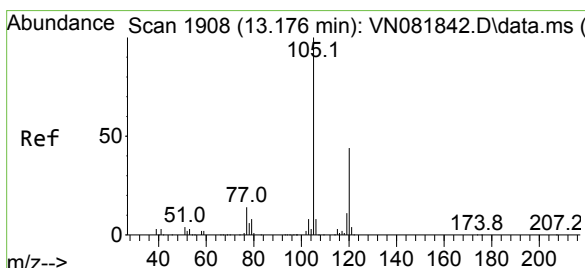
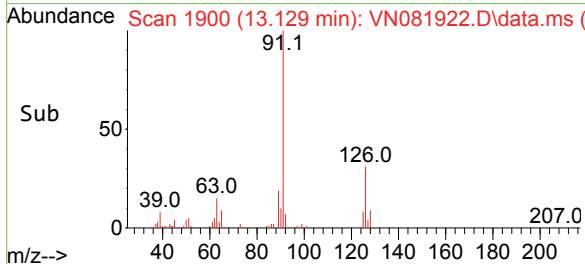
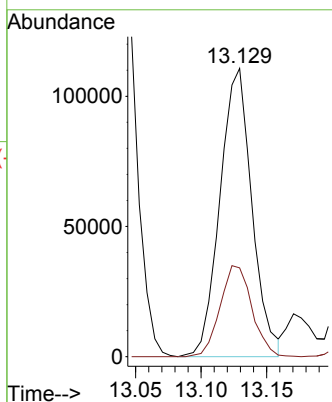
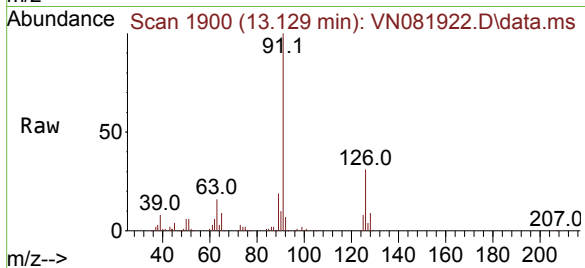
ClientSampleId :

Tgt Ion: 91 Resp: 187848

Ion Ratio Lower Upper

91 100

126 31.4 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 16.803 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081922.D

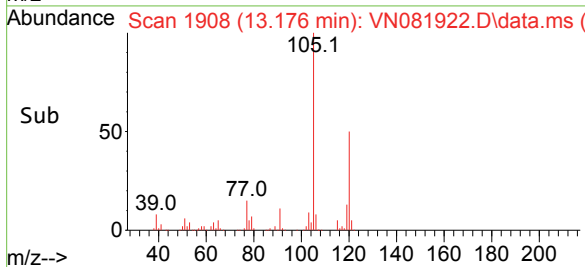
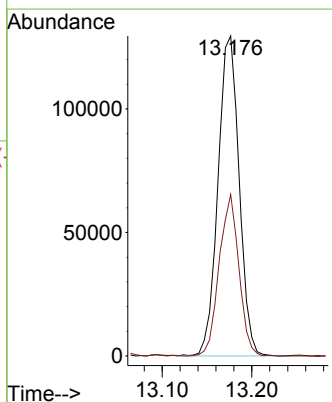
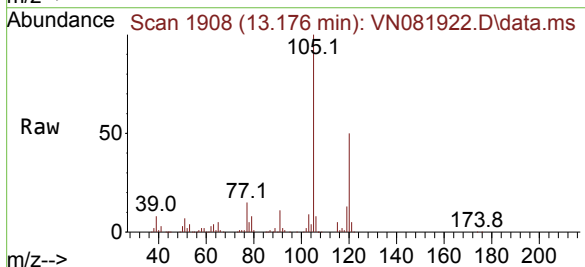
Acq: 30 Apr 2024 11:21

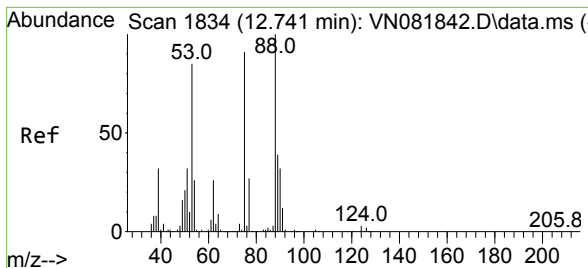
Tgt Ion: 105 Resp: 212249

Ion Ratio Lower Upper

105 100

120 47.0 24.8 74.3

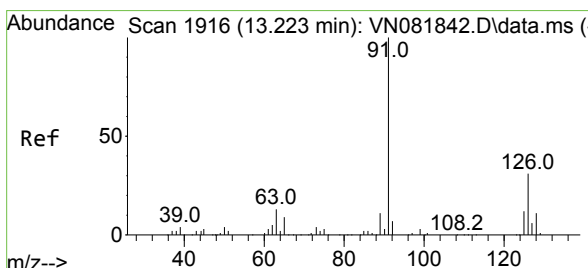
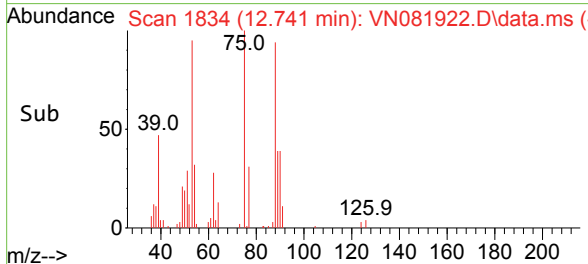
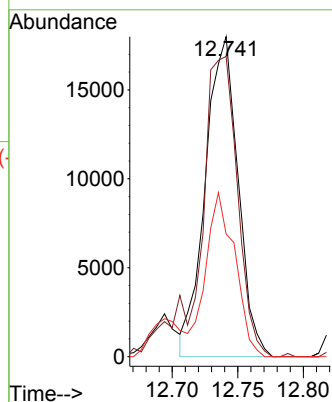
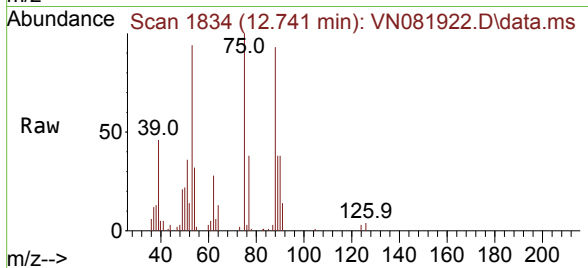




#81
 trans-1,4-Dichloro-2-butene
 Concen: 14.702 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN081922.D
 Acq: 30 Apr 2024 11:21

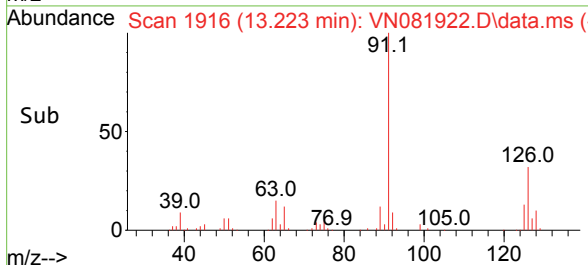
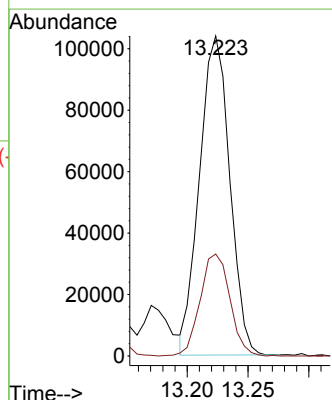
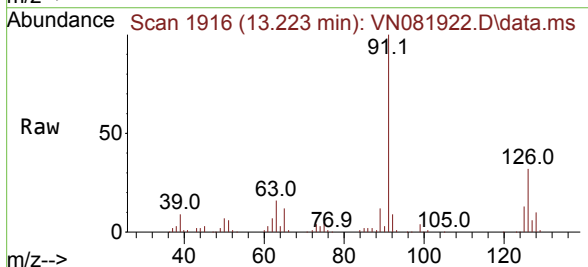
Instrument :
 MSVOA_N
 ClientSampleId :

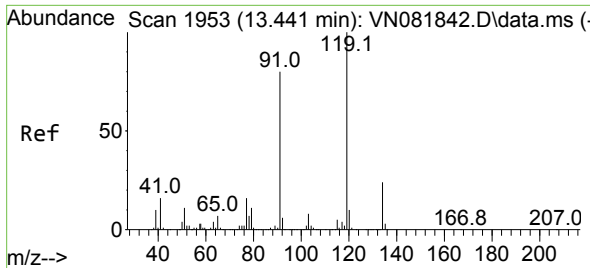
Tgt Ion: 75 Resp: 31232
 Ion Ratio Lower Upper
 75 100
 53 106.8 72.9 109.3
 89 45.4 39.1 58.7



#82
 4-Chlorotoluene
 Concen: 16.038 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN081922.D
 Acq: 30 Apr 2024 11:21

Tgt Ion: 91 Resp: 179621
 Ion Ratio Lower Upper
 91 100
 126 31.4 17.4 52.3

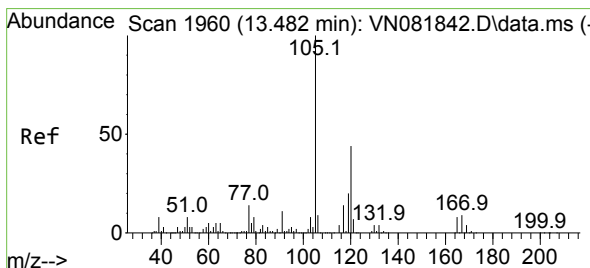
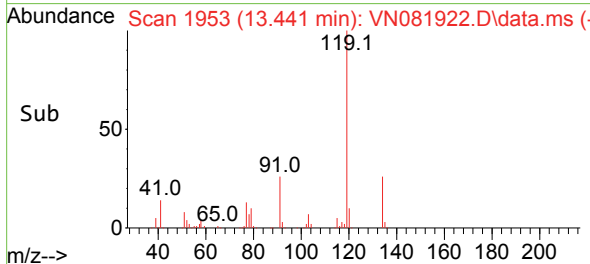
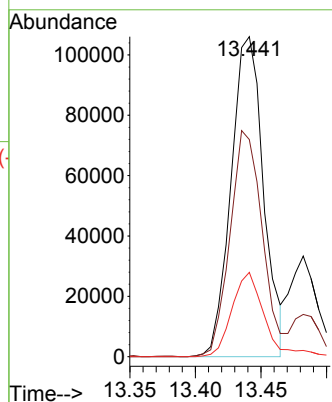
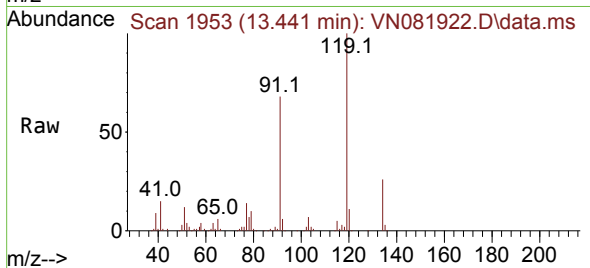




#83
tert-Butylbenzene
Concen: 17.398 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

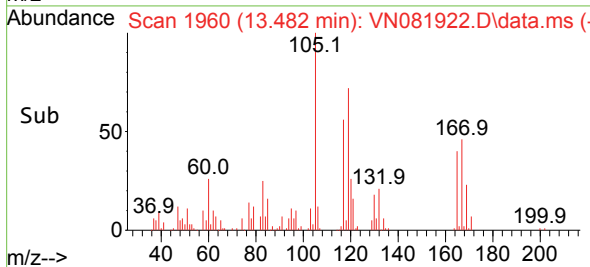
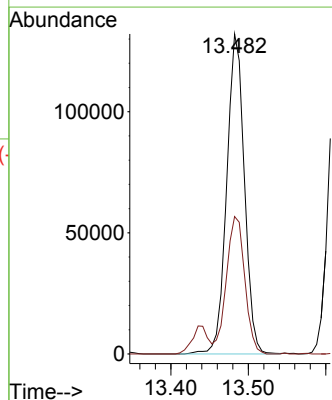
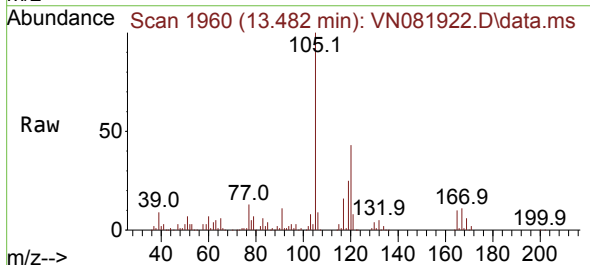
Instrument :
MSVOA_N
ClientSampleId :

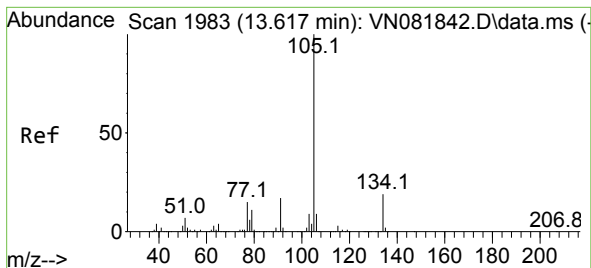
Tgt Ion:119 Resp: 183014
Ion Ratio Lower Upper
119 100
91 71.0 32.6 97.8
134 26.3 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 16.615 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Tgt Ion:105 Resp: 209588
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 17.657 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

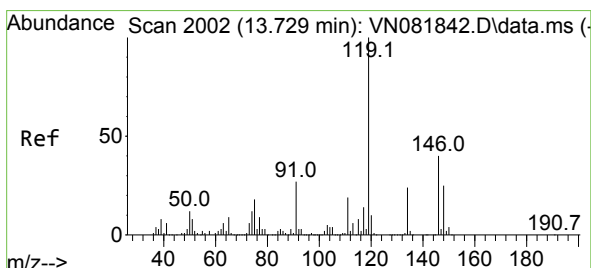
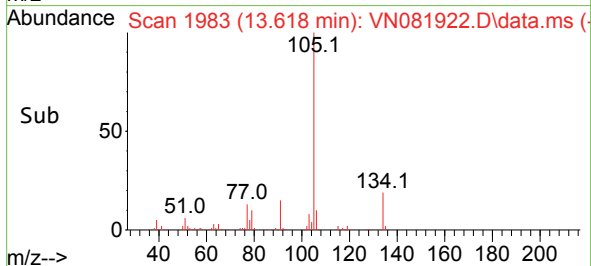
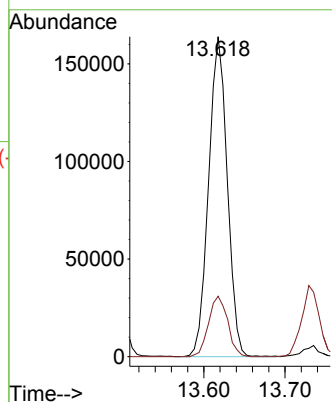
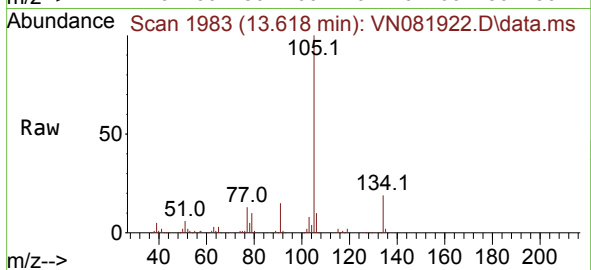
ClientSampleId :

Tgt Ion:105 Resp: 261632

Ion Ratio Lower Upper

105 100

134 19.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 17.255 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

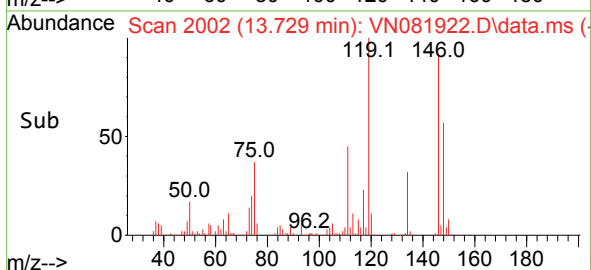
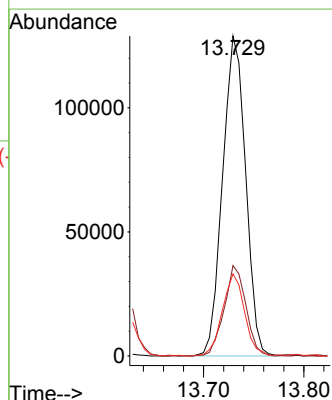
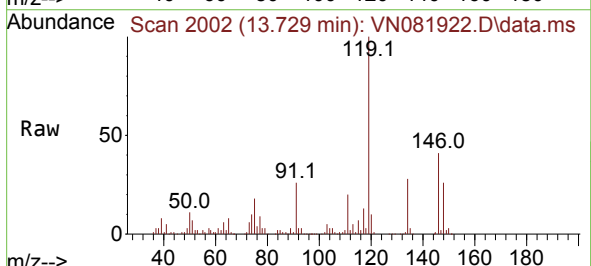
Tgt Ion:119 Resp: 205298

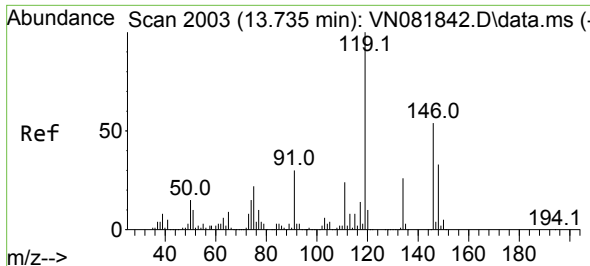
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 24.7 11.8 35.3

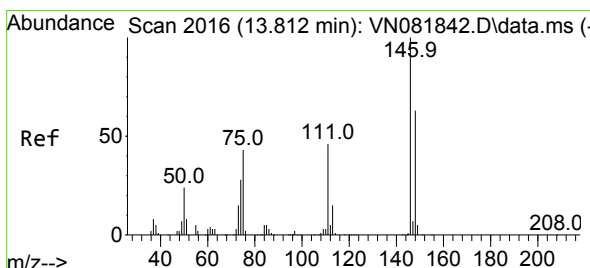
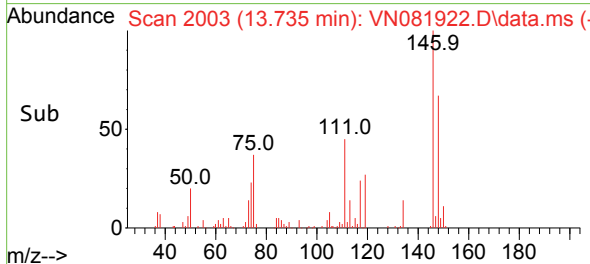
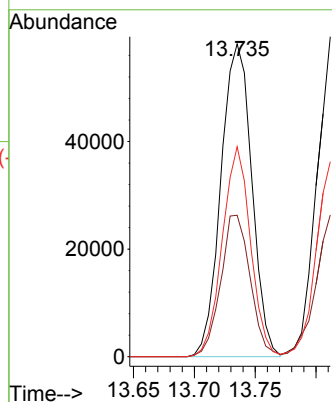
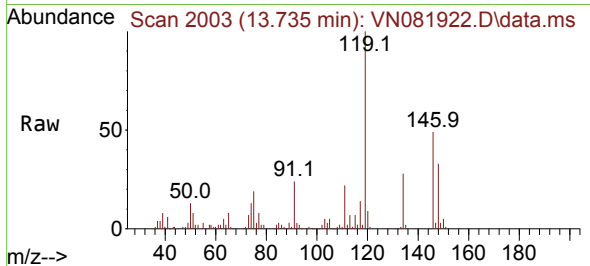




#87
1,3-Dichlorobenzene
Concen: 17.586 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

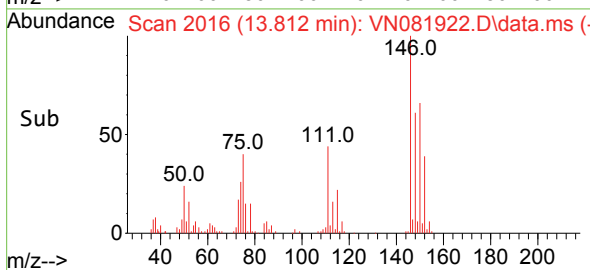
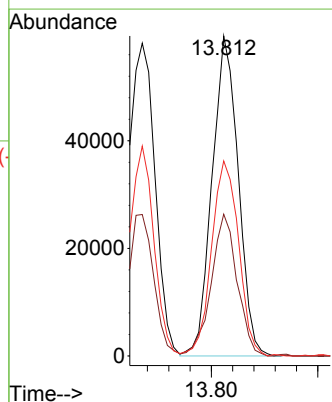
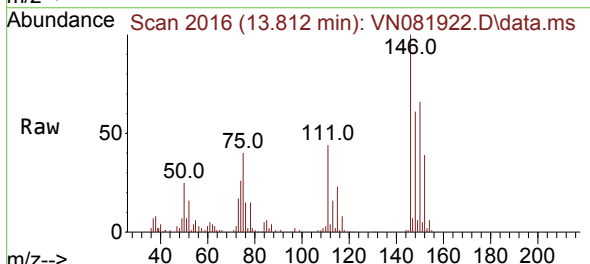
Instrument :
MSVOA_N
ClientSampleId :

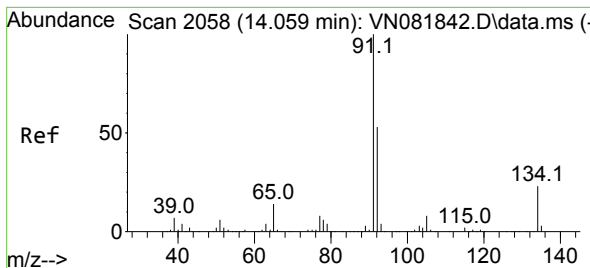
Tgt Ion:146 Resp: 102499
Ion Ratio Lower Upper
146 100
111 43.4 20.8 62.5
148 61.5 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 17.653 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

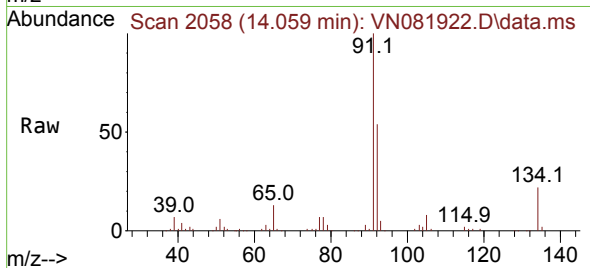
Tgt Ion:146 Resp: 101319
Ion Ratio Lower Upper
146 100
111 44.0 19.3 57.9
148 63.2 31.3 93.9



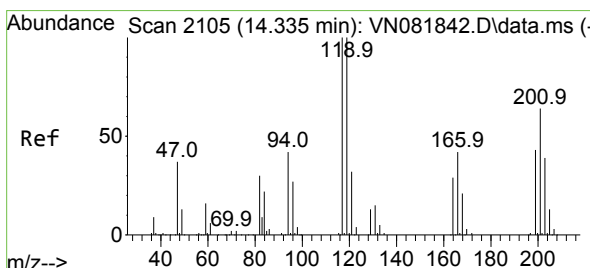
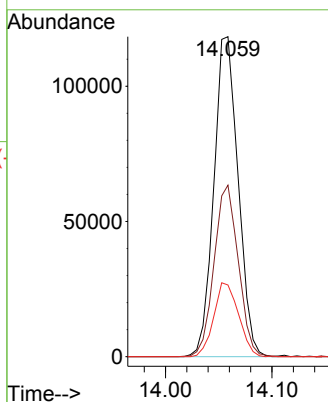
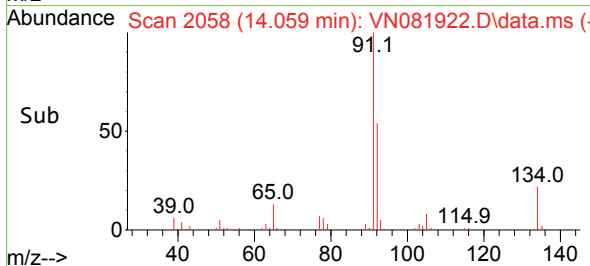


#89
n-Butylbenzene
Concen: 16.903 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

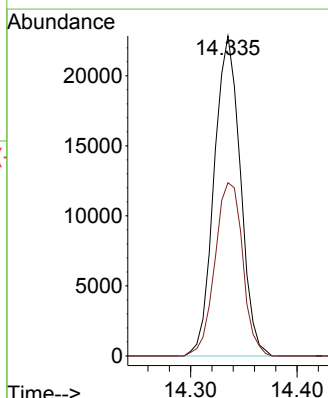
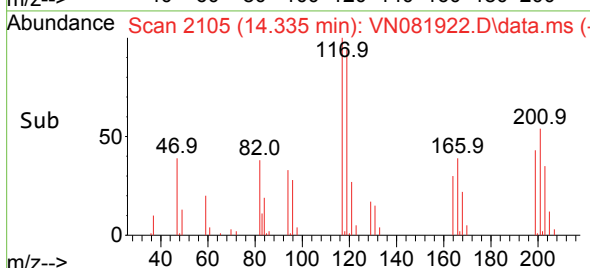
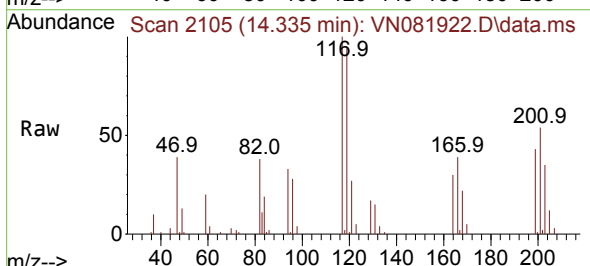


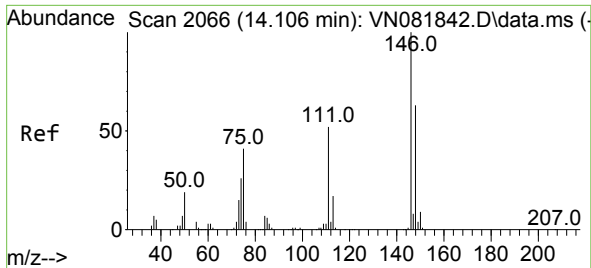
Tgt Ion: 91 Resp: 187190
Ion Ratio Lower Upper
91 100
92 53.4 26.2 78.5
134 23.7 13.2 39.5



#90
Hexachloroethane
Concen: 16.687 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081922.D
Acq: 30 Apr 2024 11:21

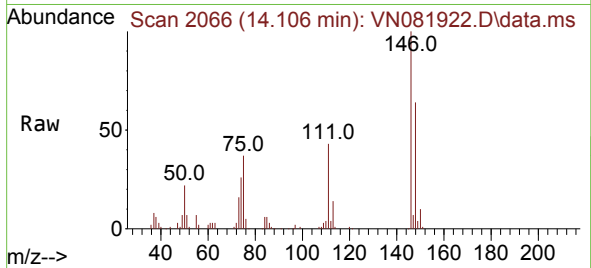
Tgt Ion: 117 Resp: 39056
Ion Ratio Lower Upper
117 100
201 57.2 33.3 99.8



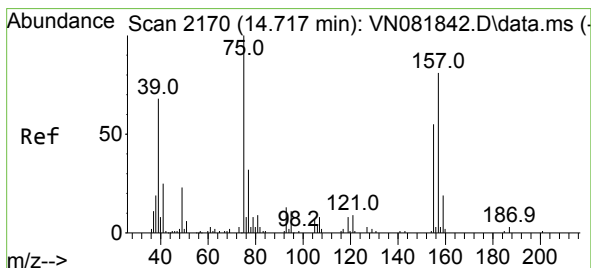
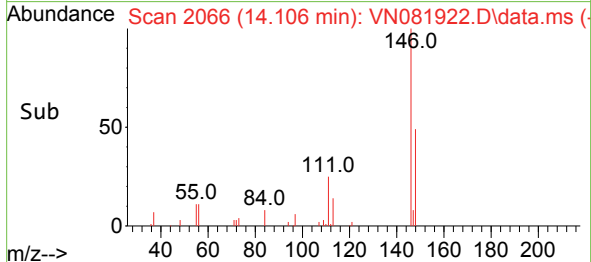
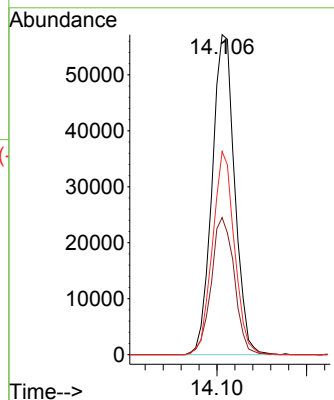


#91
 1,2-Dichlorobenzene
 Concen: 17.889 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN081922.D
 Acq: 30 Apr 2024 11:21

Instrument :
 MSVOA_N
 ClientSampleId :

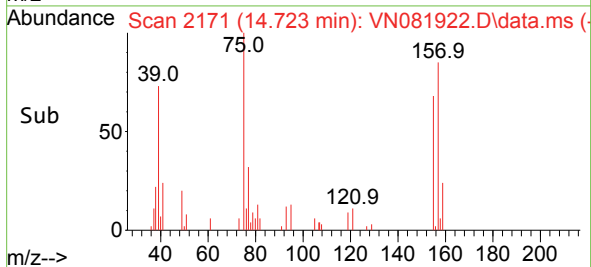
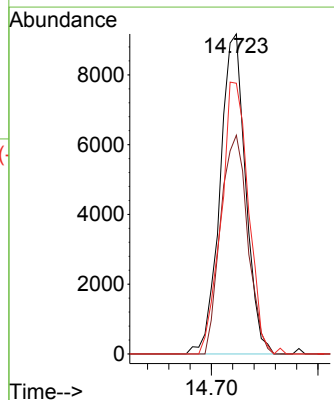
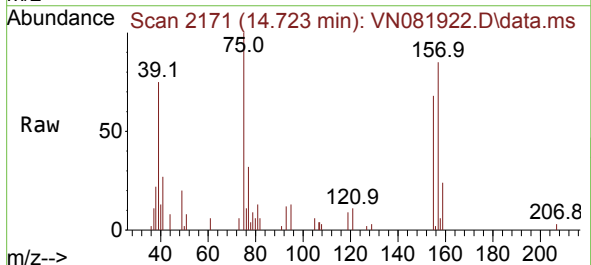


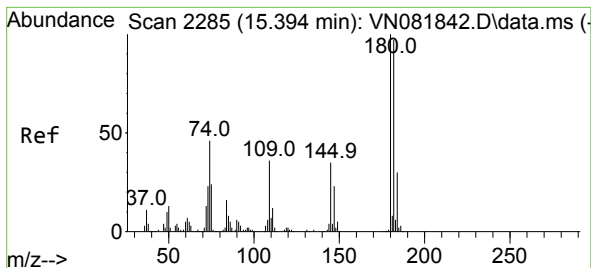
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.3	64.0
148	61.8	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.003 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN081922.D
 Acq: 30 Apr 2024 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.4	42.6	128.0
157	90.4	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 16.752 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

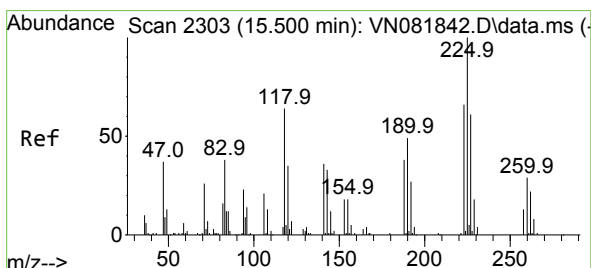
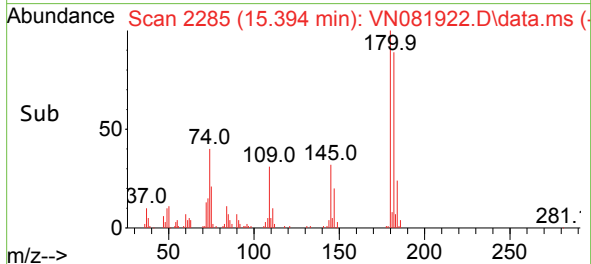
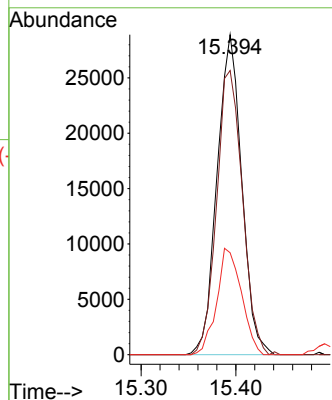
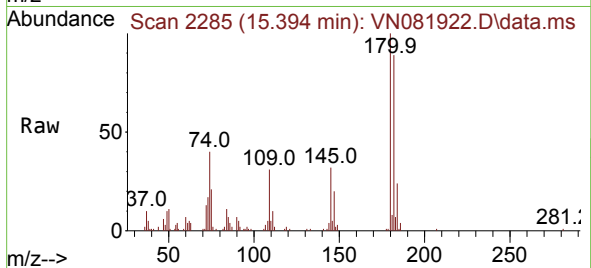
Tgt Ion:180 Resp: 52367

Ion Ratio Lower Upper

180 100

182 92.7 46.7 140.0

145 33.3 16.2 48.6



#94

Hexachlorobutadiene

Concen: 16.500 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

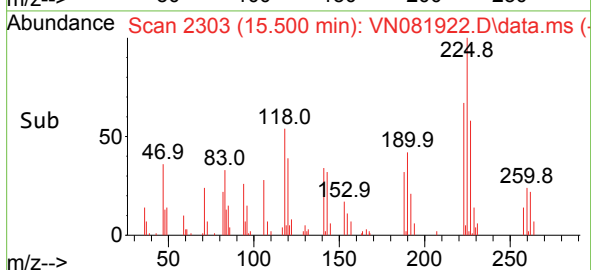
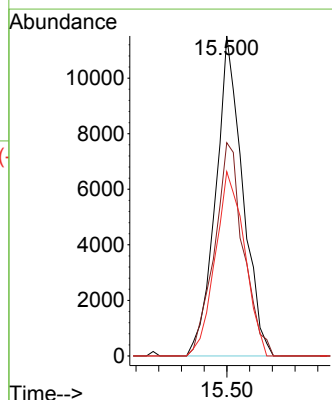
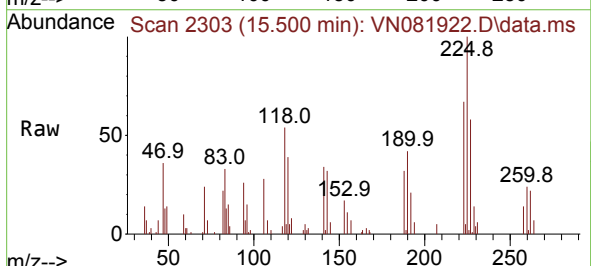
Tgt Ion:225 Resp: 19011

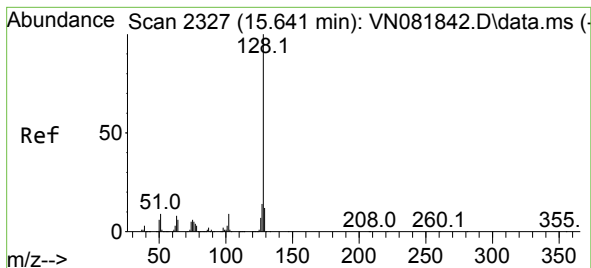
Ion Ratio Lower Upper

225 100

223 71.5 31.1 93.2

227 62.8 30.6 91.6





#95

Naphthalene

Concen: 16.349 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

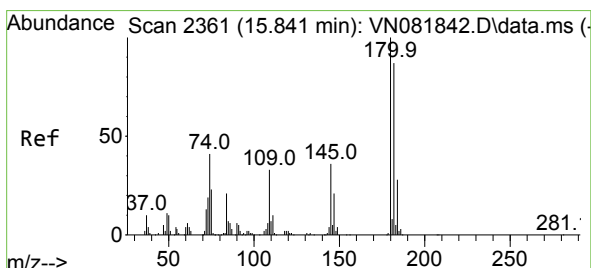
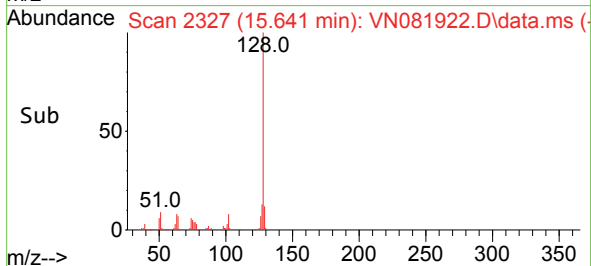
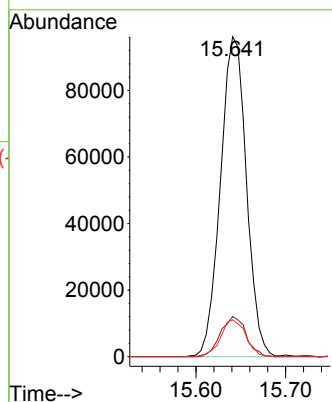
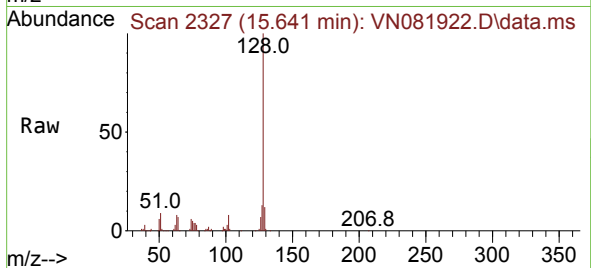
Tgt Ion:128 Resp: 193109

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 17.590 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081922.D

Acq: 30 Apr 2024 11:21

Tgt Ion:180 Resp: 52793

Ion Ratio Lower Upper

180 100

182 90.1 46.0 137.8

145 33.4 17.1 51.3

