

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079270.D
 Acq On : 15 Sep 2023 14:30
 Operator : JC\MD
 Sample : PB155573ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:41:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	151108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	286326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	92278	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119562	58.614	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.220%	
35) Dibromofluoromethane	8.171	113	101915	52.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.540%	
50) Toluene-d8	10.570	98	381094	53.231	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	12.853	95	113953	49.899	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.800%	

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	604	0.308	ug/l #	55
5) Bromomethane	2.965	94	692	0.563	ug/l #	47
6) Chloroethane	3.071	64	188	Below Cal	#	43
11) Tert butyl alcohol	5.524	59	4157	11.038	ug/l #	76
13) Acrolein	4.183	56	147	0.409	ug/l #	16
15) Acrylonitrile	5.741	53	345	0.353	ug/l #	18
16) Acetone	4.436	43	92916	107.254	ug/l	96
18) Methyl Acetate	5.036	43	2500	0.702	ug/l #	55
20) Methylene Chloride	5.277	84	17521	8.311	ug/l #	80
25) 2-Butanone	7.488	43	21428	17.047	ug/l	92
26) 2,2-Dichloropropane	7.435	77	823	0.288	ug/l #	53
29) Tetrahydrofuran	7.853	42	5339	6.675	ug/l #	81
31) Cyclohexane	8.229	56	3956	1.328	ug/l #	16
36) 1,1-Dichloropropene	8.229	75	13830	4.602	ug/l #	47
37) Ethyl Acetate	7.577	43	4475	1.493	ug/l #	78
38) Carbon Tetrachloride	8.235	117	16630	5.347	ug/l #	16
41) Methacrylonitrile	7.853	41	3247	2.148	ug/l #	34
42) 1,2-Dichloroethane	8.694	62	1009	0.319	ug/l #	73
43) Isopropyl Acetate	8.694	43	152105	31.098	ug/l #	81
45) 1,2-Dichloropropane	9.747	63	1901	0.833	ug/l #	45
48) Methyl methacrylate	9.671	41	4247	1.939	ug/l #	32
51) 4-Methyl-2-Pentanone	10.453	43	31104	10.955	ug/l #	80
54) cis-1,3-Dichloropropene	10.359	75	54258	15.154	ug/l #	73
57) 1,3-Dichloropropane	11.206	76	7187	1.874	ug/l #	42
59) 2-Hexanone	11.206	43	89102	43.328	ug/l #	48
71) Bromoform	12.847	173	1080	0.601	ug/l #	28
74) N-amyl acetate	12.494	43	2828	0.888	ug/l #	44
76) 1,2,3-Trichloropropane	12.853	75	64047	25.753	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	64047	70.799	ug/l #	15
82) 4-Chlorotoluene	13.223	91	1201	0.207	ug/l	88
87) 1,3-Dichlorobenzene	13.741	146	894	0.256	ug/l	91
88) 1,4-Dichlorobenzene	13.741	146	894	0.254	ug/l	92
89) n-Butylbenzene	14.058	91	1863	0.372	ug/l	86
90) Hexachloroethane	14.323	117	294	0.227	ug/l #	21
91) 1,2-Dichlorobenzene	14.111	146	921	0.268	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	1061	0.858	ug/l #	86

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

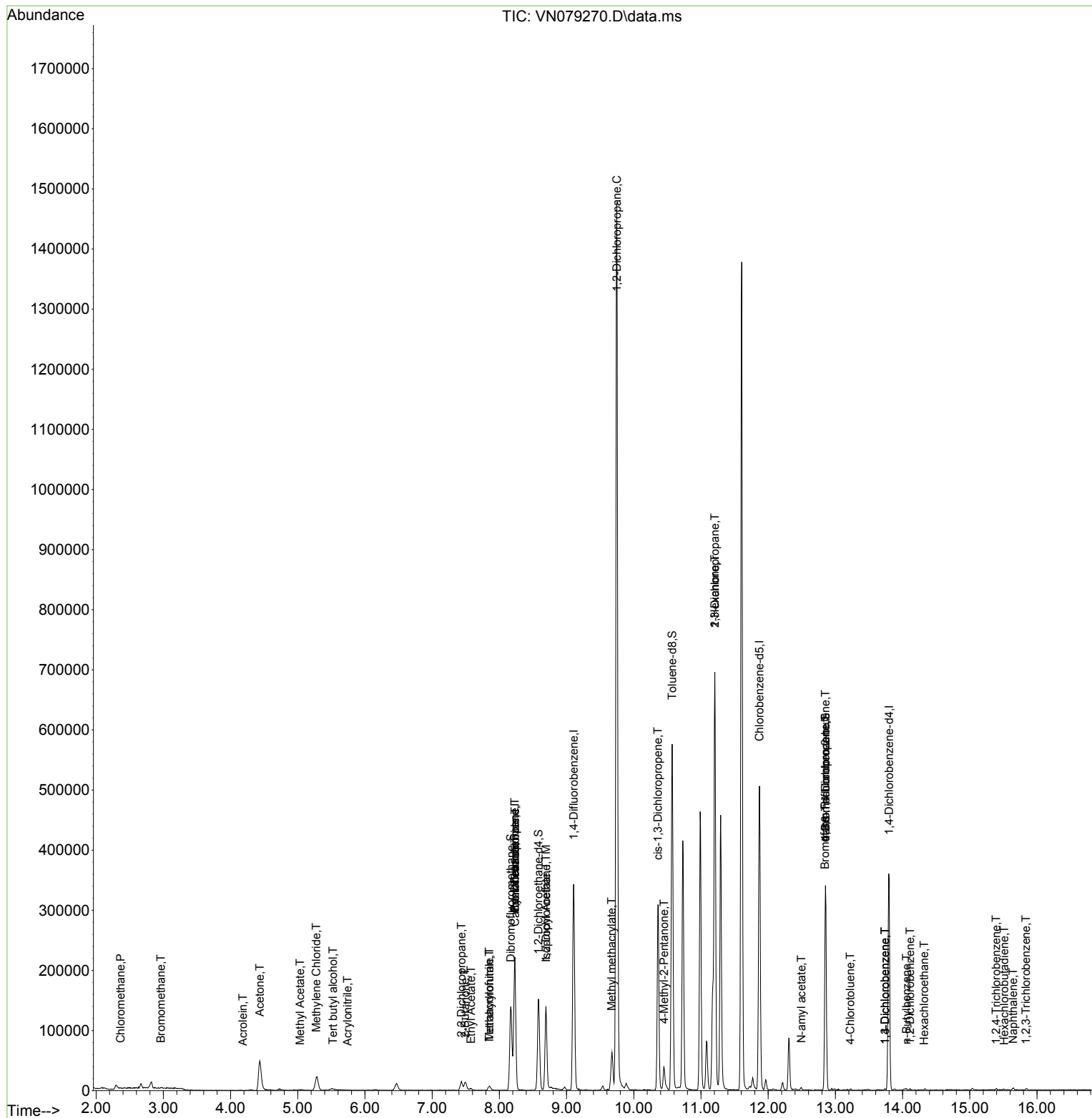
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.511	225	574	0.590	ug/l	81
95) Naphthalene	15.647	128	3727	1.014	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.835	180	1278	0.876	ug/l #	84

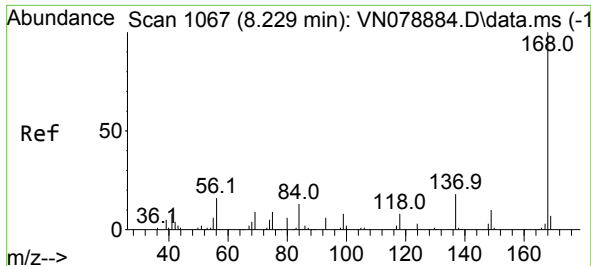
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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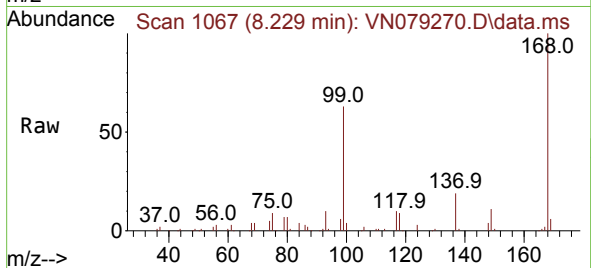
Quant Time: Sep 16 01:41:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
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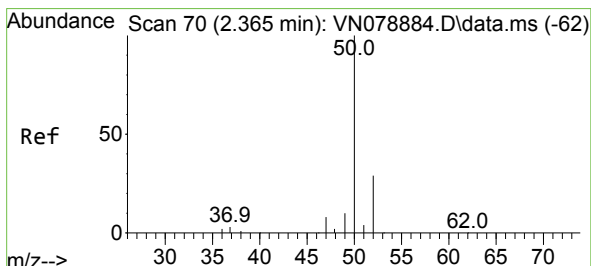
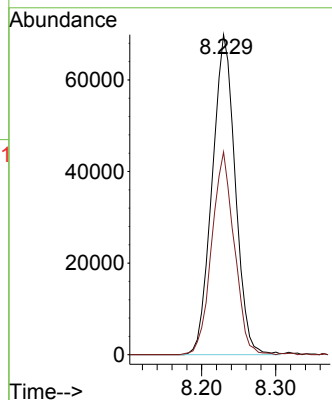
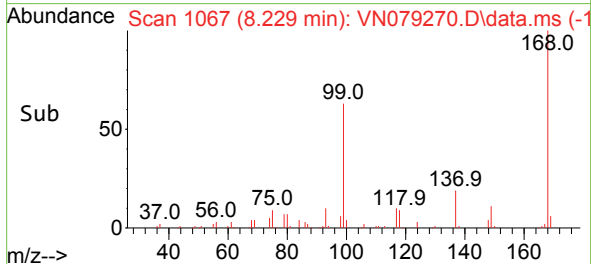


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Instrument :
MSVOA_N
ClientSampleId :

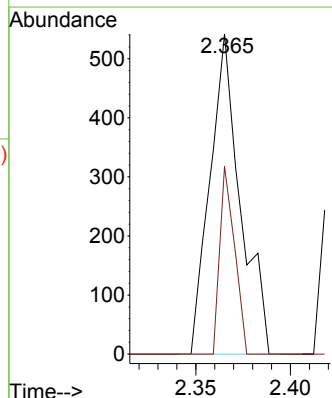
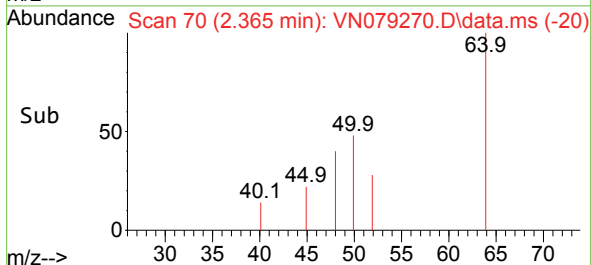
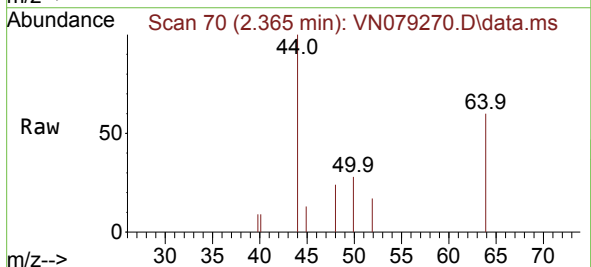


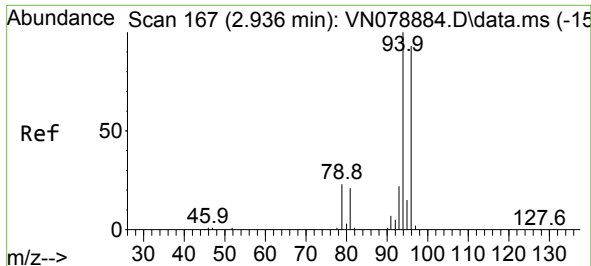
Tgt Ion:168 Resp: 151108
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#3
Chloromethane
Concen: 0.308 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion: 50 Resp: 604
Ion Ratio Lower Upper
50 100
52 58.7 26.5 39.7#

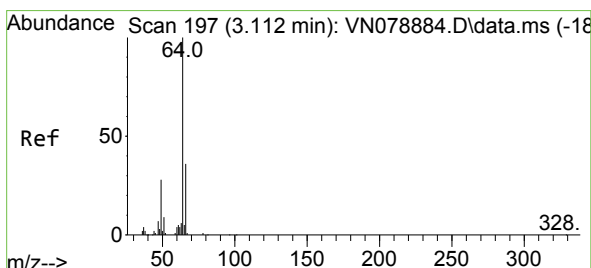
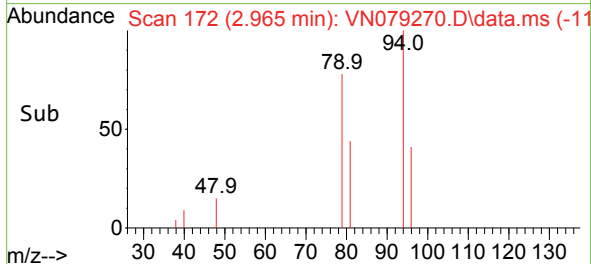
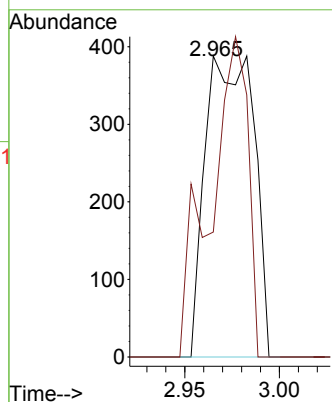
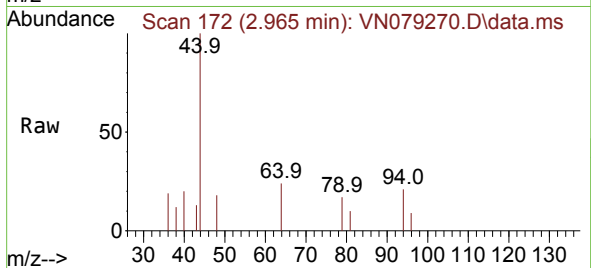




#5
Bromomethane
Concen: 0.563 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

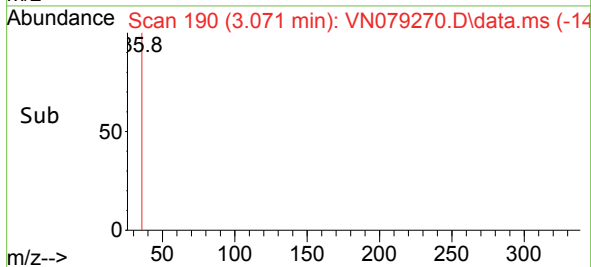
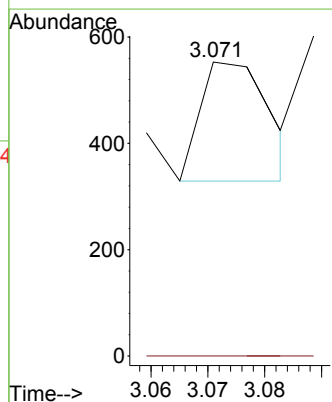
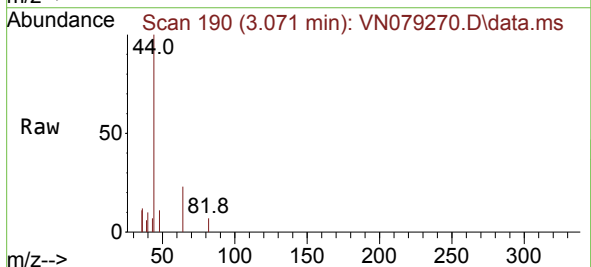
Instrument :
MSVOA_N
ClientSampleId :

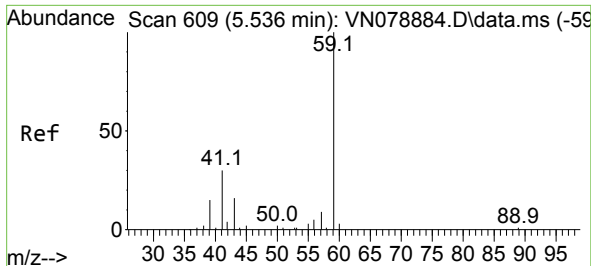
Tgt Ion: 94 Resp: 692
Ion Ratio Lower Upper
94 100
96 41.5 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.071 min Scan# 190
Delta R.T. -0.047 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

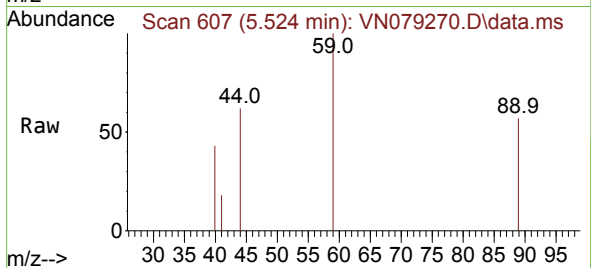
Tgt Ion: 64 Resp: 188
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



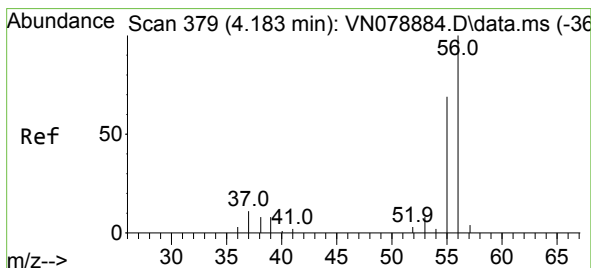
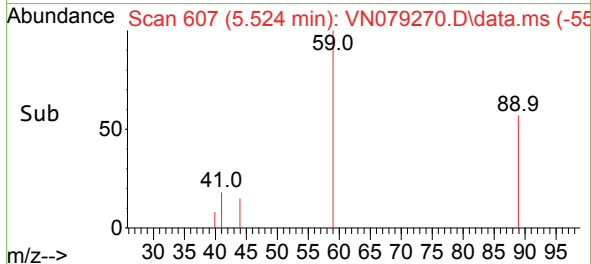
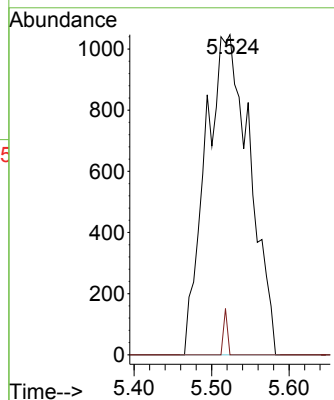


#11
Tert butyl alcohol
Concen: 11.038 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Instrument :
MSVOA_N
ClientSampleId :

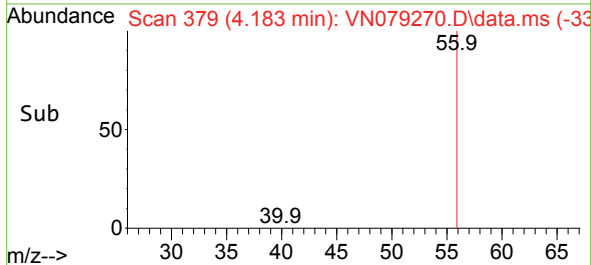
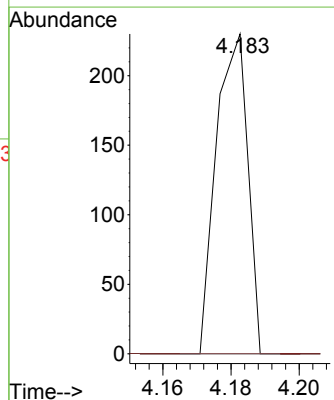
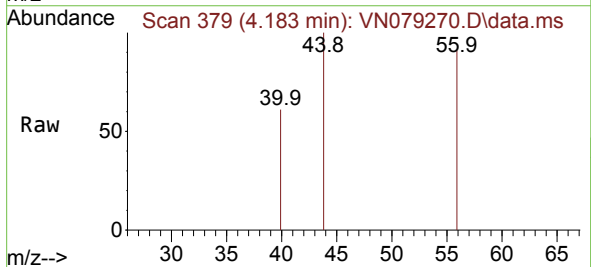


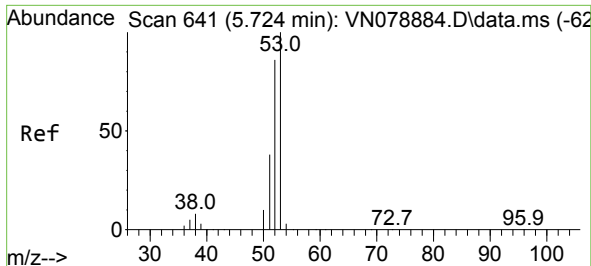
Tgt Ion: 59 Resp: 4157
Ion Ratio Lower Upper
59 100
57 1.3 8.2 12.4#



#13
Acrolein
Concen: 0.409 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.012 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion: 56 Resp: 147
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

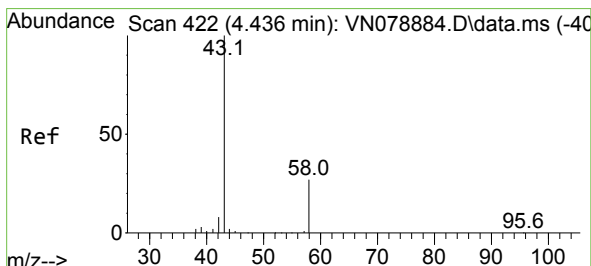
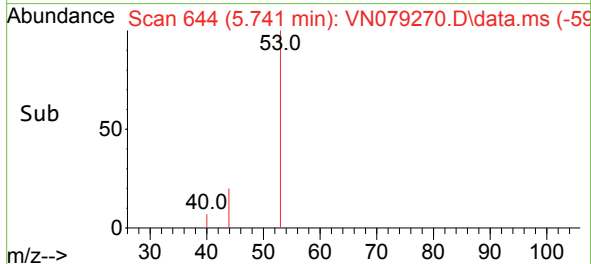
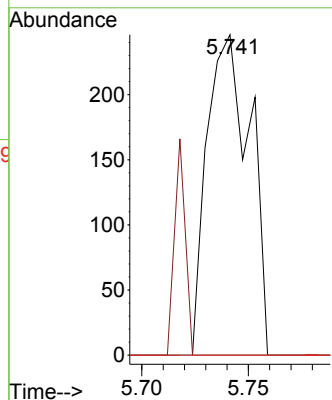
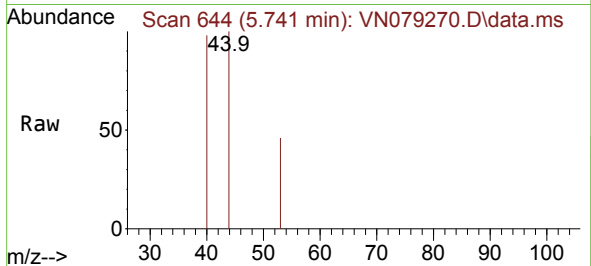




#15
Acrylonitrile
Concen: 0.353 ug/l
RT: 5.741 min Scan# 641
Delta R.T. 0.011 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

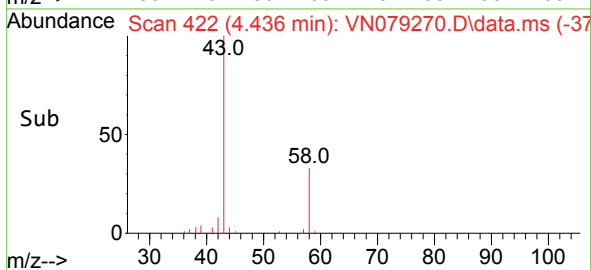
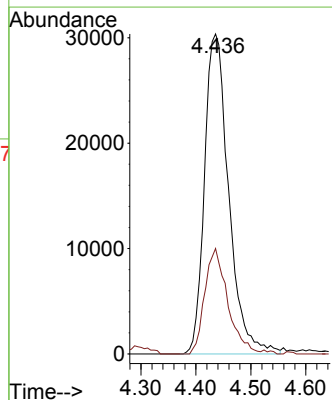
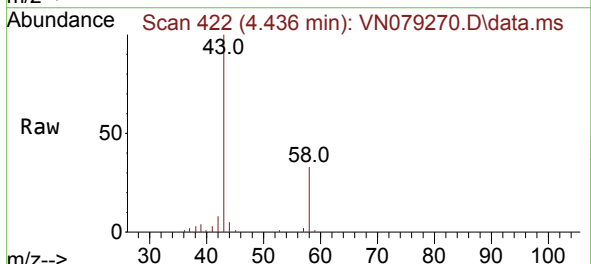
Instrument :
MSVOA_N
ClientSampleId :

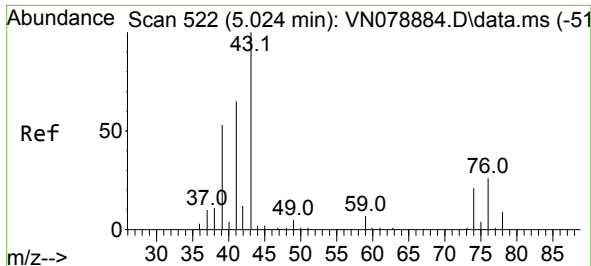
Tgt Ion: 53 Resp: 345
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 107.254 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion: 43 Resp: 92916
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0

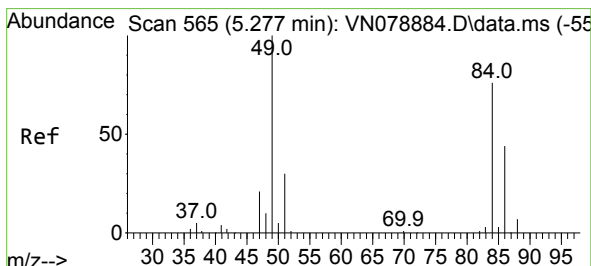
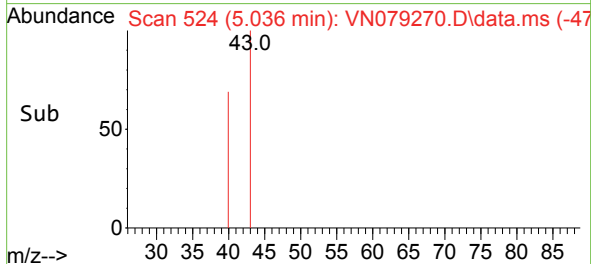
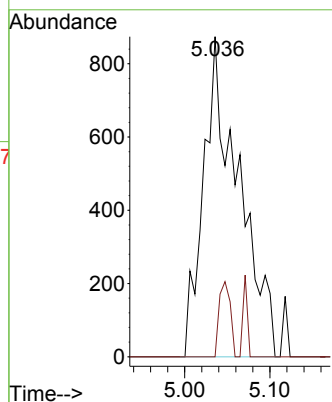
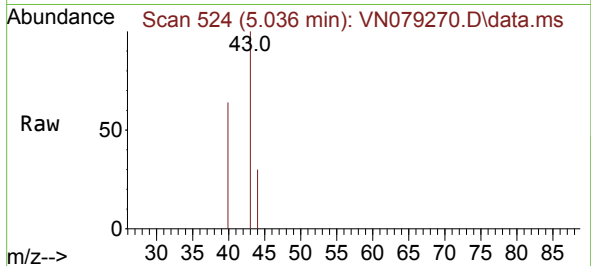




#18
Methyl Acetate
Concen: 0.702 ug/l
RT: 5.036 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

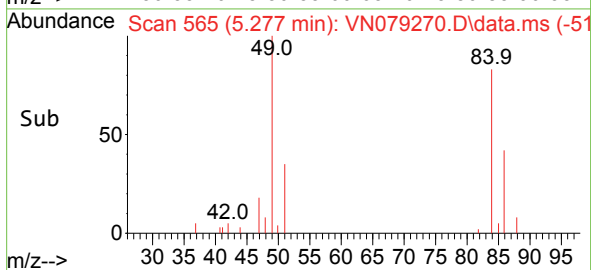
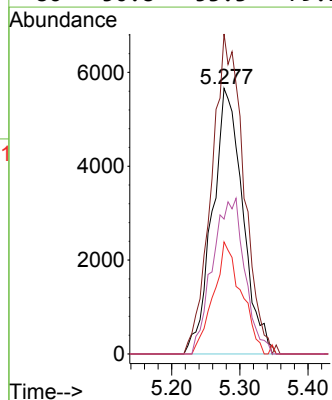
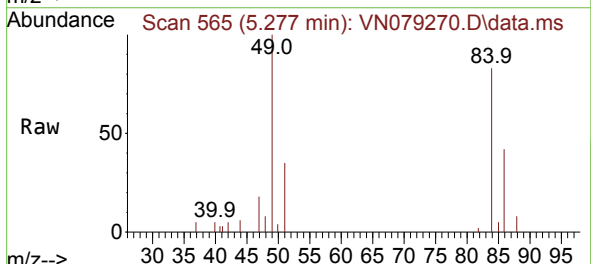
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ClientSampleId :

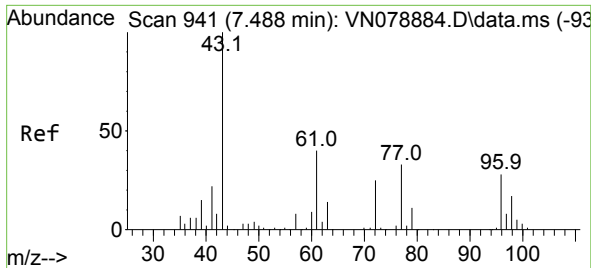
Tgt Ion: 43 Resp: 2500
Ion Ratio Lower Upper
43 100
74 7.4 26.2 39.4#



#20
Methylene Chloride
Concen: 8.311 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion: 84 Resp: 17521
Ion Ratio Lower Upper
84 100
49 120.5 79.7 119.5#
51 42.2 25.2 37.8#
86 50.8 53.3 79.9#

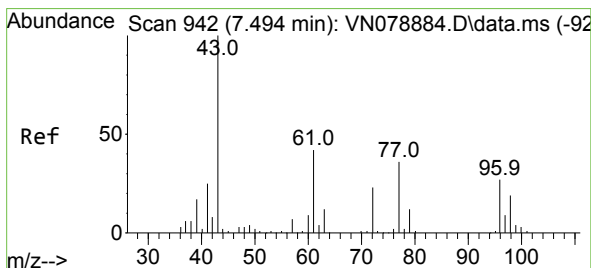
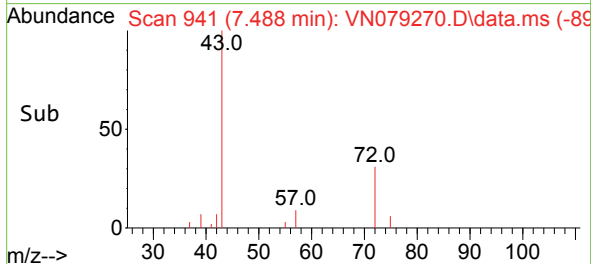
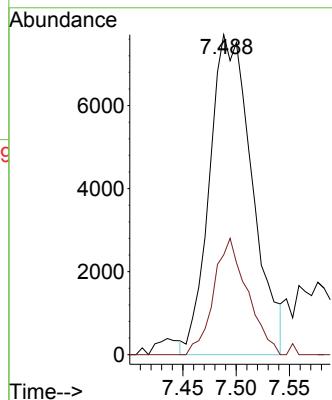
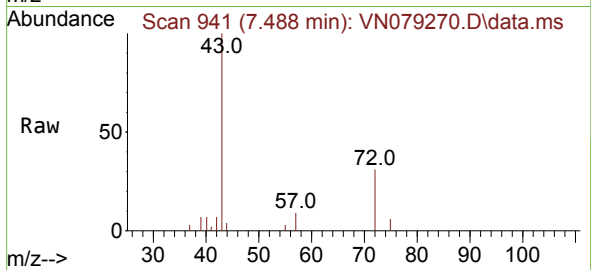




#25
2-Butanone
Concen: 17.047 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

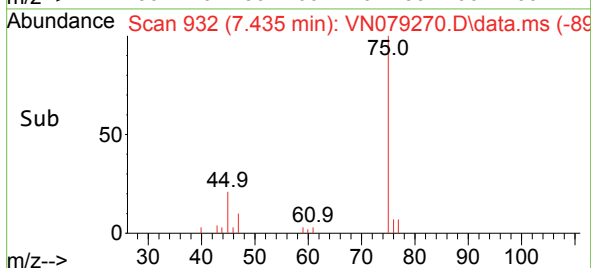
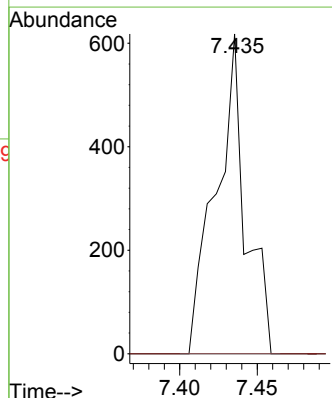
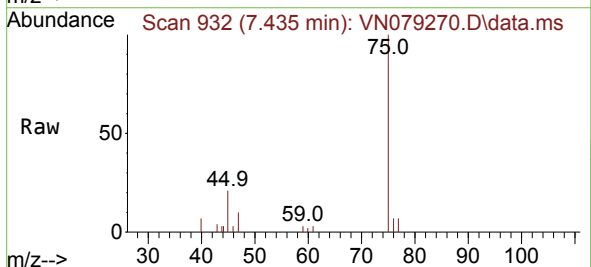
Instrument :
MSVOA_N
ClientSampleId :

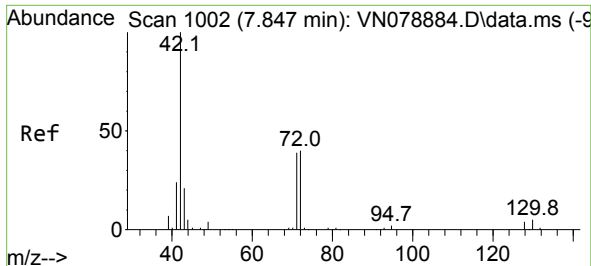
Tgt Ion: 43 Resp: 21428
Ion Ratio Lower Upper
43 100
72 32.6 30.2 45.2



#26
2,2-Dichloropropane
Concen: 0.288 ug/l
RT: 7.435 min Scan# 932
Delta R.T. -0.065 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion: 77 Resp: 823
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#





#29

Tetrahydrofuran

Concen: 6.675 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

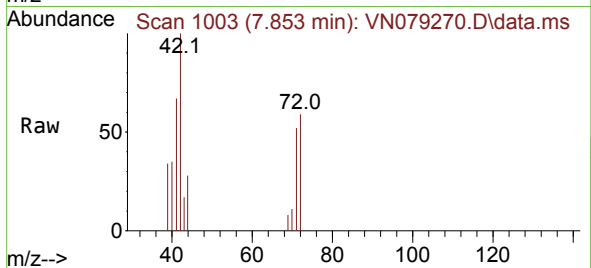
Lab File: VN079270.D

Acq: 15 Sep 2023 14:30

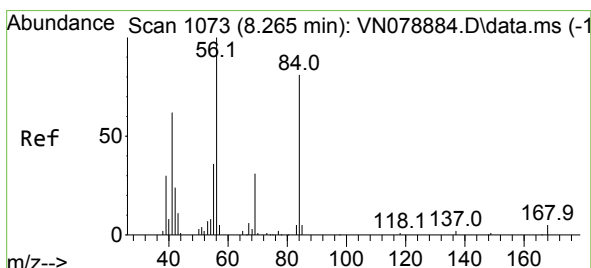
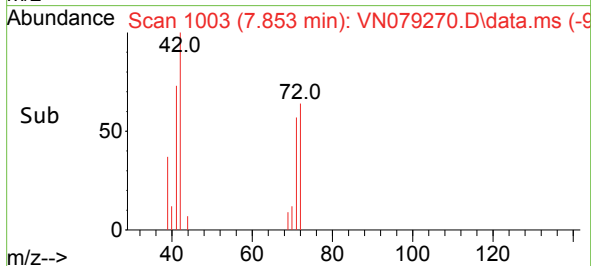
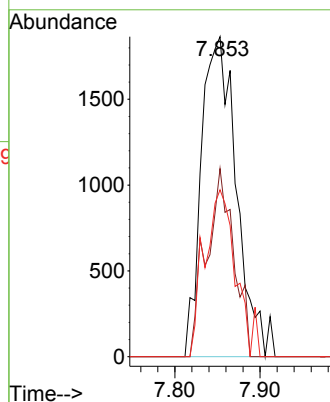
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	5339
Ion	Ratio	Lower	Upper
42	100		
72	45.8	49.8	74.6#
71	46.3	47.4	71.2#



#31

Cyclohexane

Concen: 1.328 ug/l

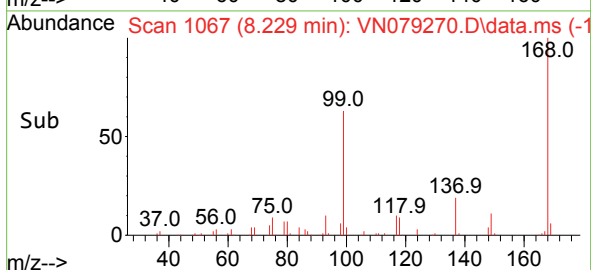
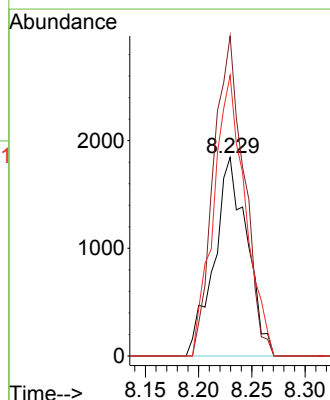
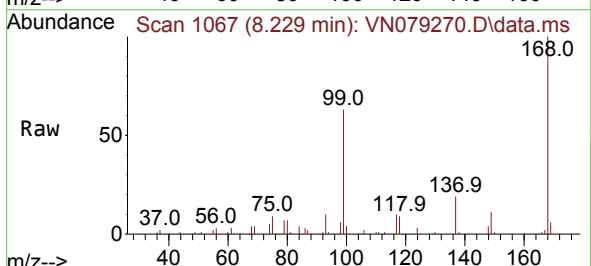
RT: 8.229 min Scan# 1067

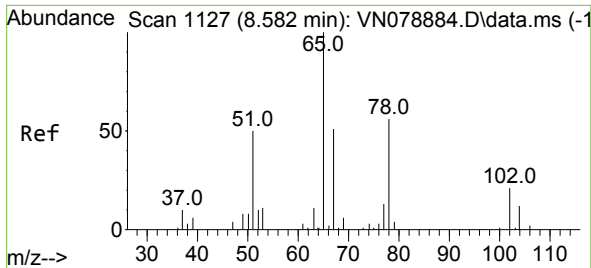
Delta R.T. -0.036 min

Lab File: VN079270.D

Acq: 15 Sep 2023 14:30

Tgt Ion:	56	Resp:	3956
Ion	Ratio	Lower	Upper
56	100		
69	161.2	26.8	40.2#
84	141.3	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 58.614 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079270.D

Acq: 15 Sep 2023 14:30

Instrument :

MSVOA_N

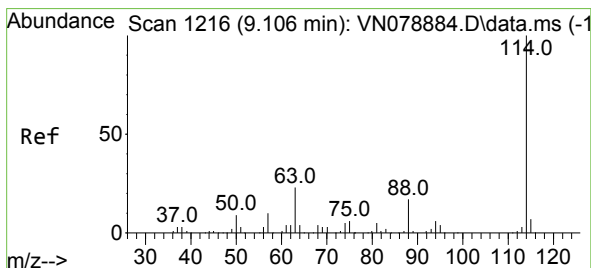
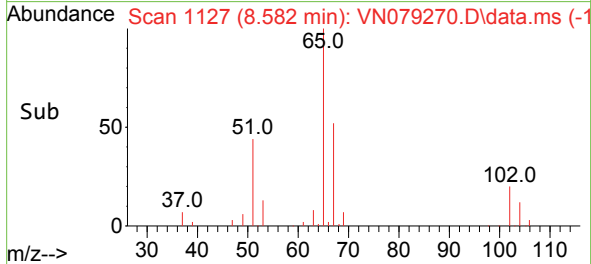
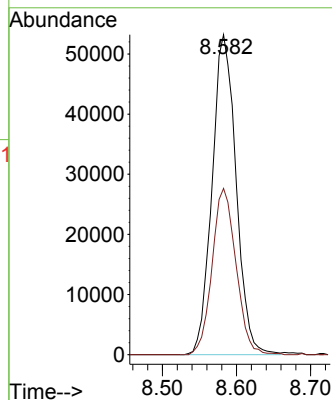
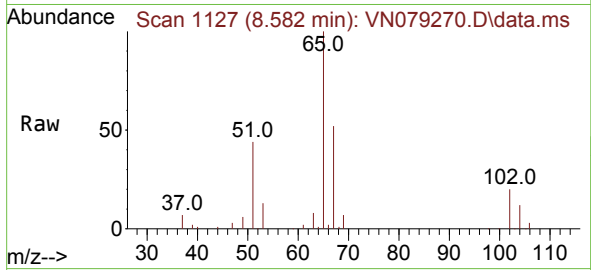
ClientSampleId :

Tgt Ion: 65 Resp: 119562

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079270.D

Acq: 15 Sep 2023 14:30

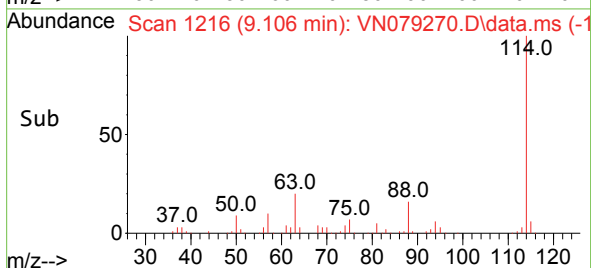
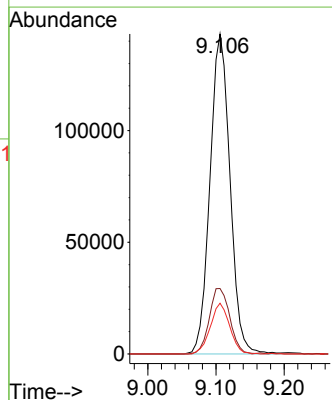
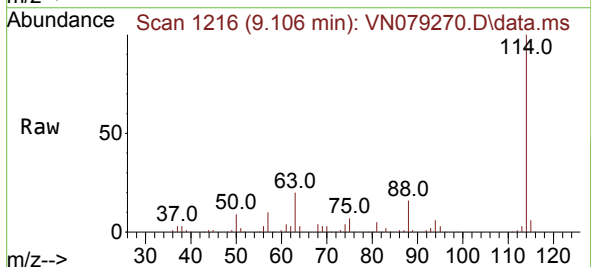
Tgt Ion: 114 Resp: 293119

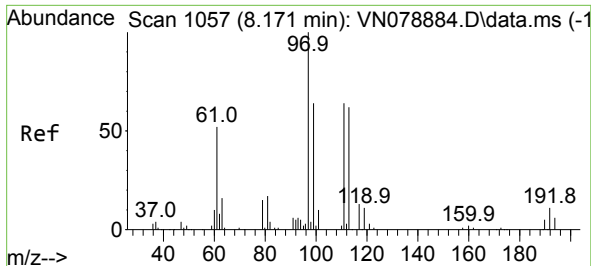
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.270 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

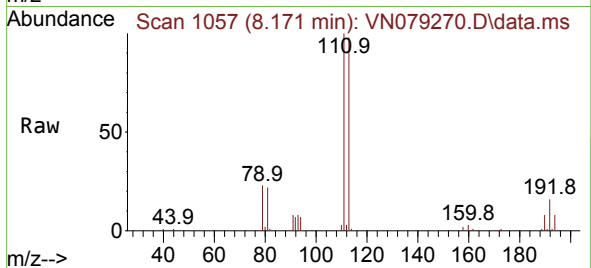
Lab File: VN079270.D

Acq: 15 Sep 2023 14:30

Instrument :

MSVOA_N

ClientSampleId :



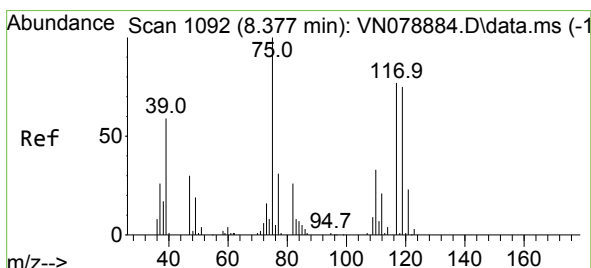
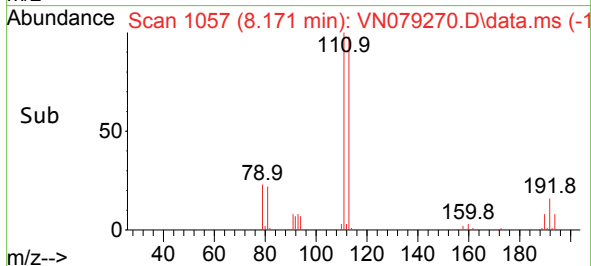
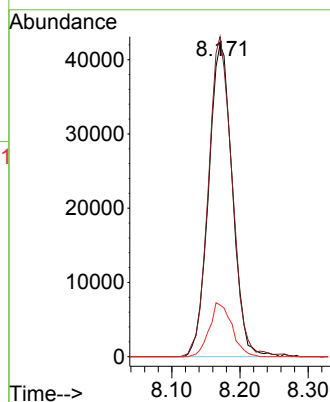
Tgt Ion:113 Resp: 101915

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 16.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.602 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.148 min

Lab File: VN079270.D

Acq: 15 Sep 2023 14:30

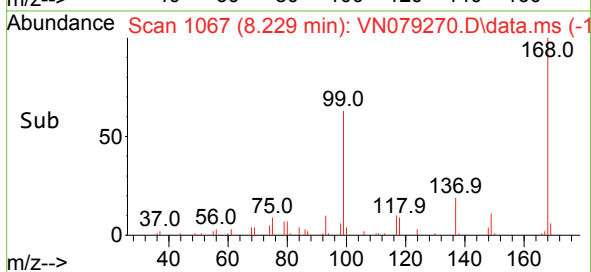
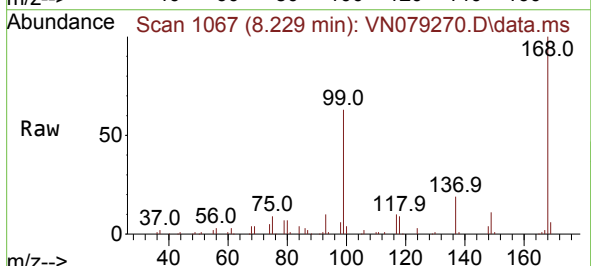
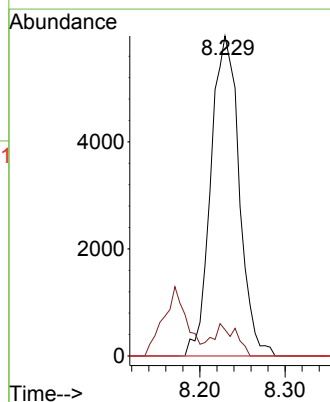
Tgt Ion: 75 Resp: 13830

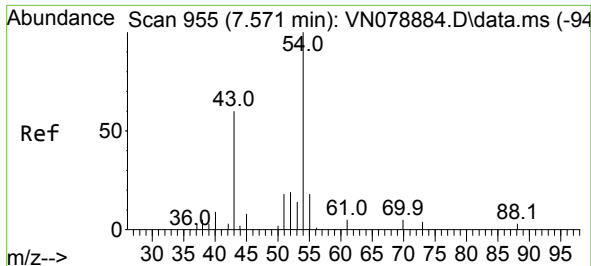
Ion Ratio Lower Upper

75 100

110 7.9 19.1 57.3#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.493 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

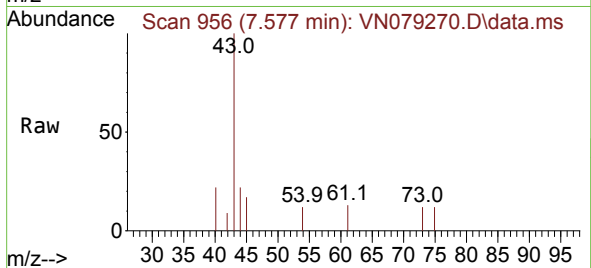
Lab File: VN079270.D

Acq: 15 Sep 2023 14:30

Instrument :

MSVOA_N

ClientSampleId :



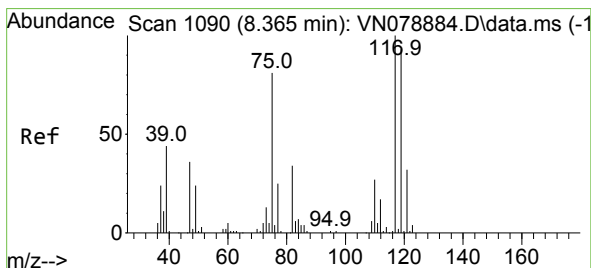
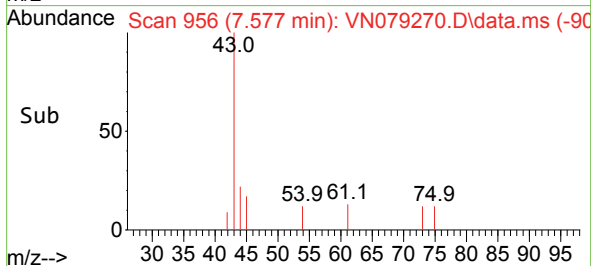
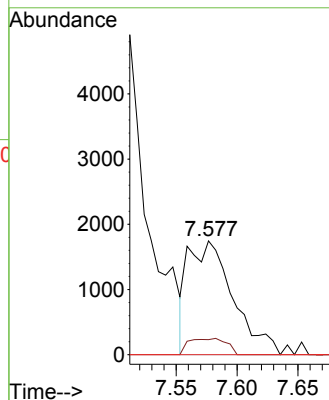
Tgt Ion: 43 Resp: 4475

Ion Ratio Lower Upper

43 100

61 12.0 13.2 19.8#

70 0.0 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 5.347 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN079270.D

Acq: 15 Sep 2023 14:30

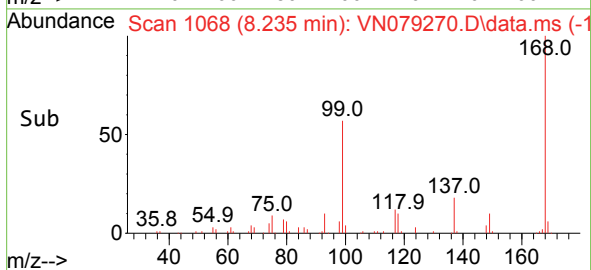
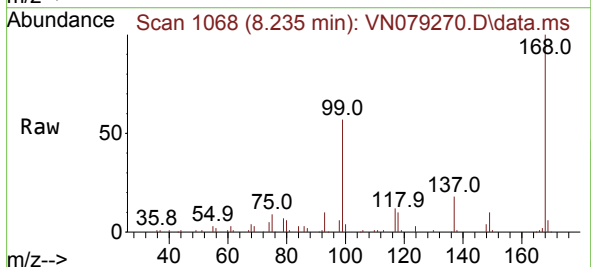
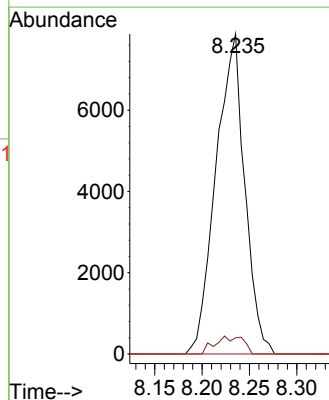
Tgt Ion: 117 Resp: 16630

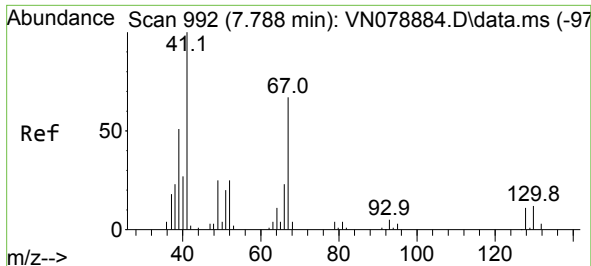
Ion Ratio Lower Upper

117 100

119 5.0 77.3 115.9#

121 0.0 23.3 34.9#

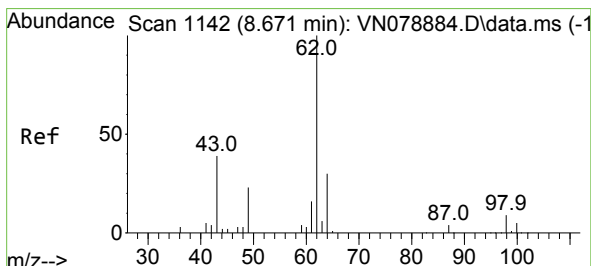
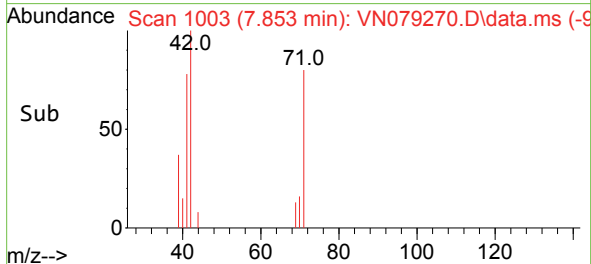
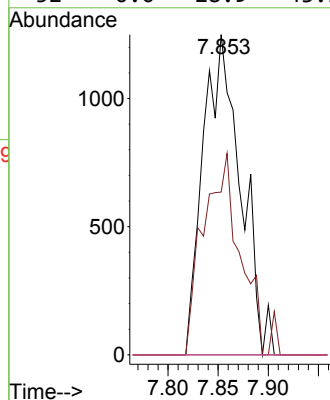
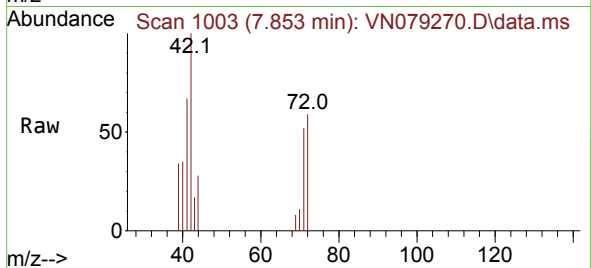




#41
Methacrylonitrile
Concen: 2.148 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.059 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

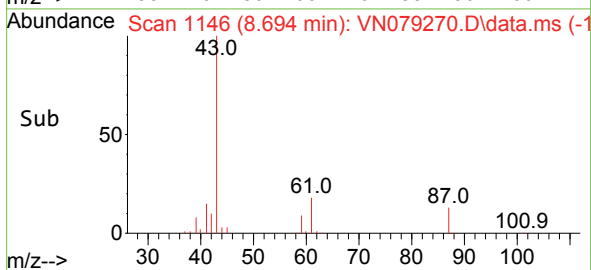
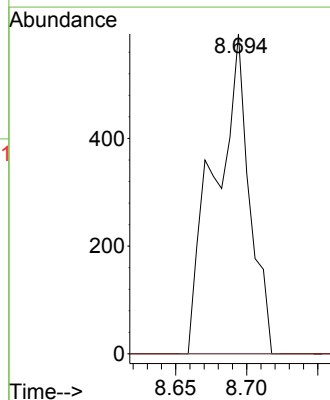
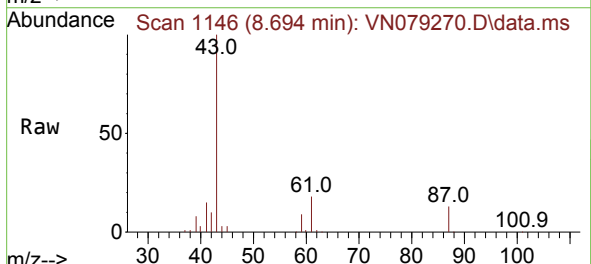
Instrument :
MSVOA_N
ClientSampleId :

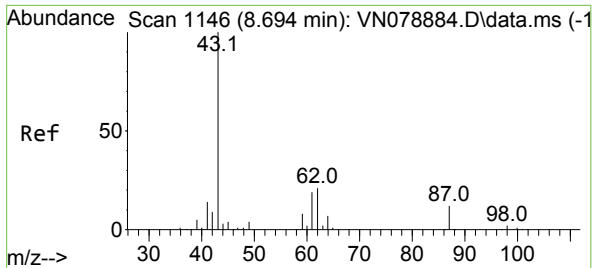
Tgt Ion: 41 Resp: 3247
Ion Ratio Lower Upper
41 100
39 61.0 42.6 64.0
67 0.0 77.5 116.3#
52 0.0 28.9 43.3#



#42
1,2-Dichloroethane
Concen: 0.319 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.017 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion: 62 Resp: 1009
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8

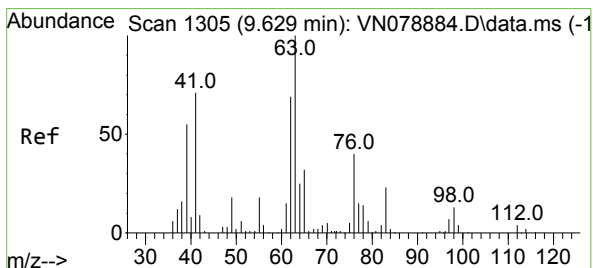
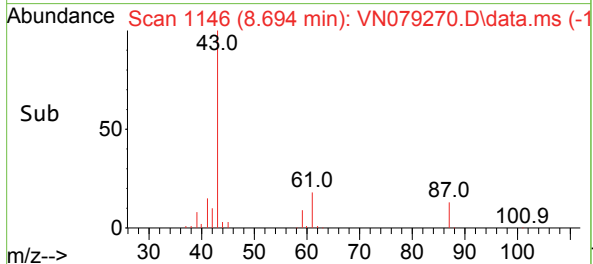
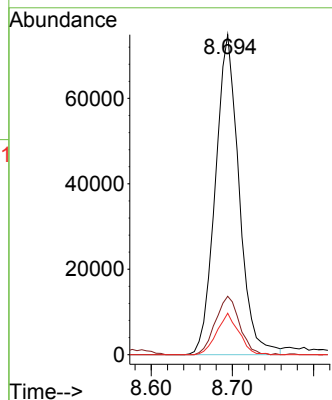
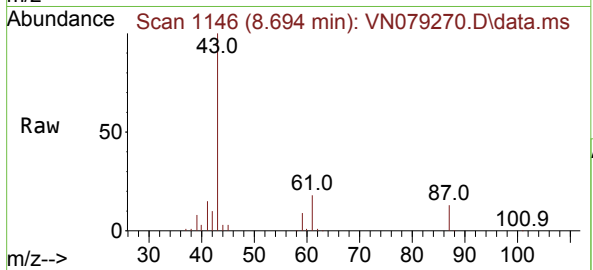




#43
Isopropyl Acetate
Concen: 31.098 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

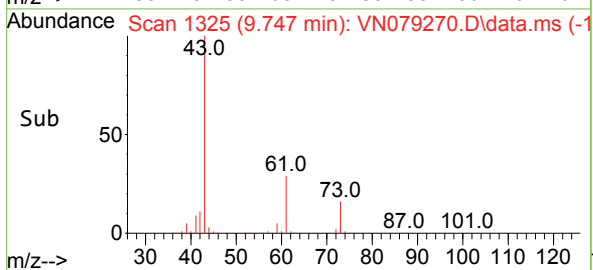
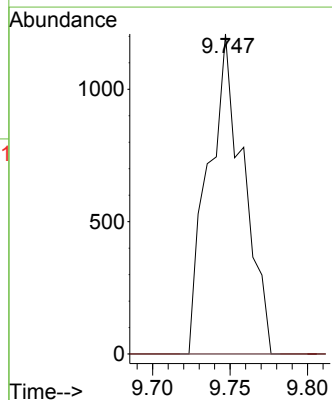
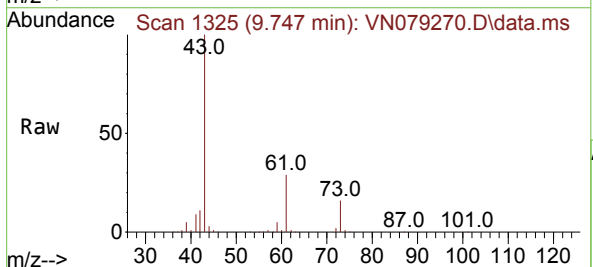
Instrument :
MSVOA_N
ClientSampleId :

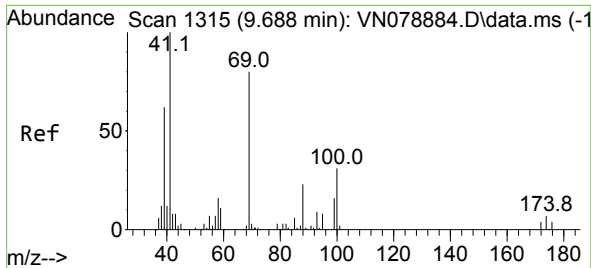
Tgt Ion: 43 Resp: 152105
Ion Ratio Lower Upper
43 100
61 18.6 24.7 37.1#
87 12.0 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 0.833 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.123 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

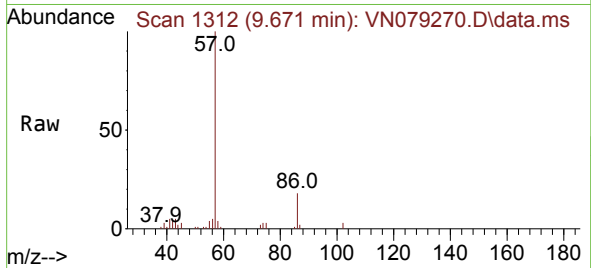
Tgt Ion: 63 Resp: 1901
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



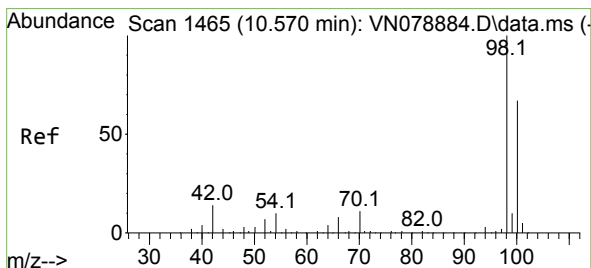
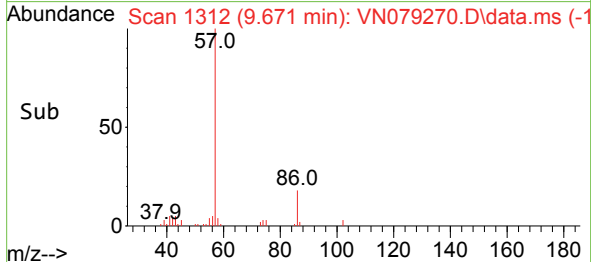
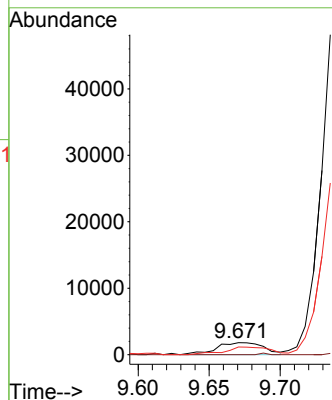


#48
Methyl methacrylate
Concen: 1.939 ug/l
RT: 9.671 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Instrument :
MSVOA_N
ClientSampleId :

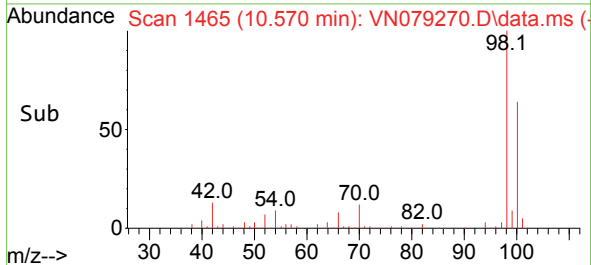
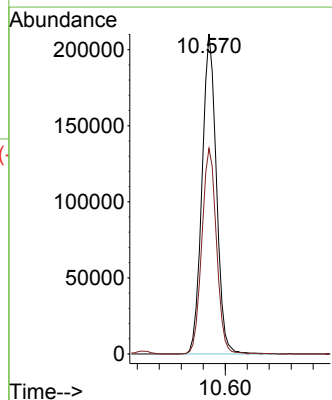
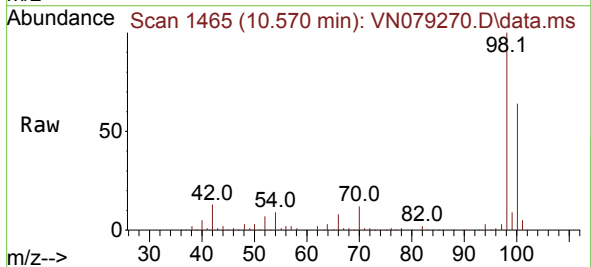


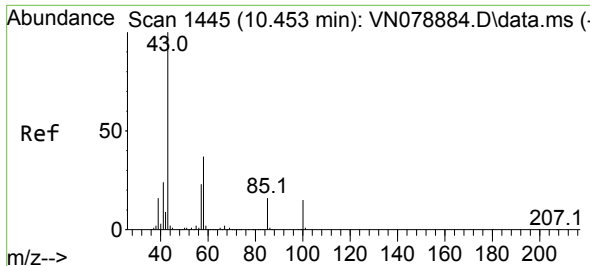
Tgt Ion: 41 Resp: 4247
Ion Ratio Lower Upper
41 100
69 2.0 90.4 135.6#
39 61.5 54.6 81.8



#50
Toluene-d8
Concen: 53.231 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion: 98 Resp: 381094
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

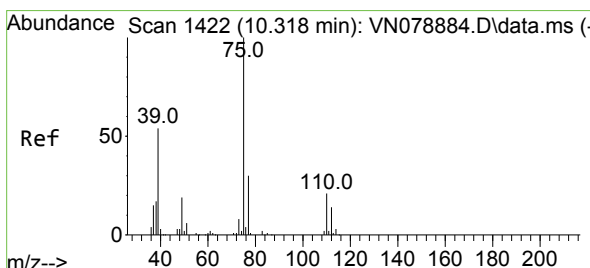
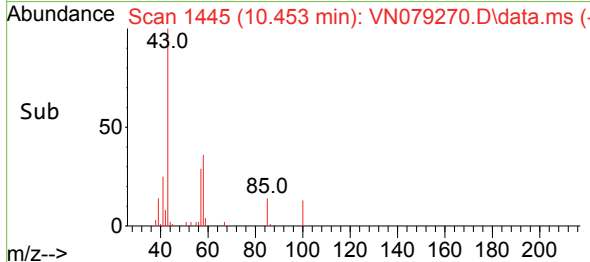
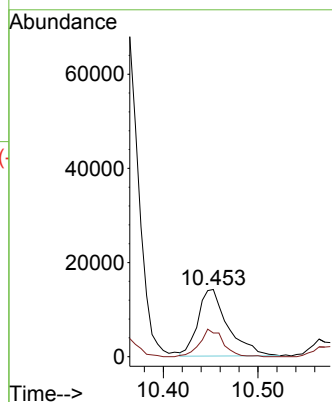
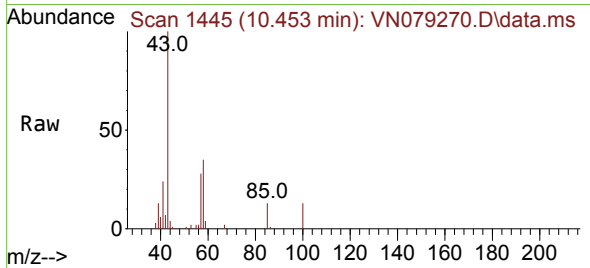




#51
4-Methyl-2-Pentanone
Concen: 10.955 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

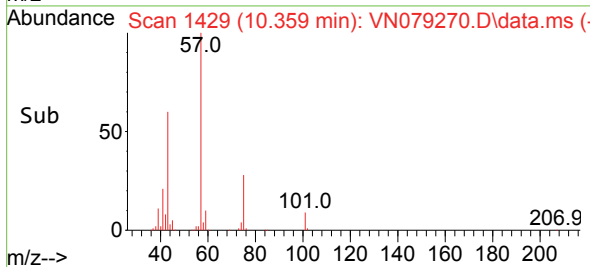
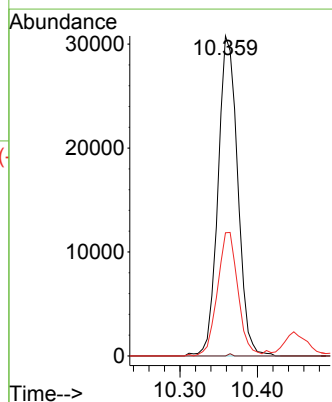
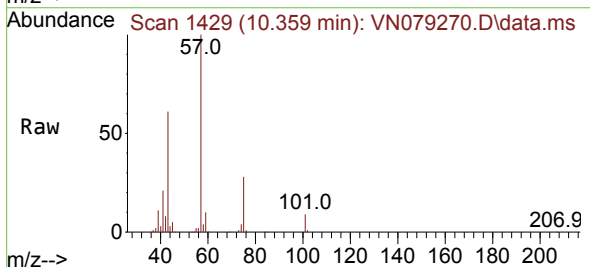
Instrument :
MSVOA_N
ClientSampleId :

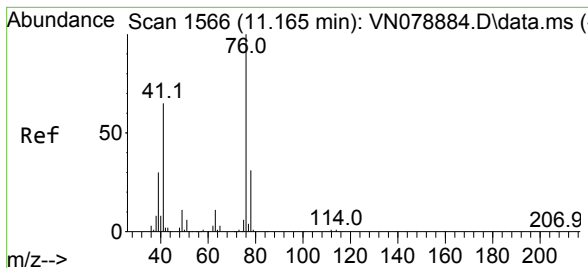
Tgt Ion: 43 Resp: 31104
Ion Ratio Lower Upper
43 100
58 32.5 36.6 54.8#



#54
cis-1,3-Dichloropropene
Concen: 15.154 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion: 75 Resp: 54258
Ion Ratio Lower Upper
75 100
77 0.0 26.1 39.1#
39 38.5 31.6 47.4

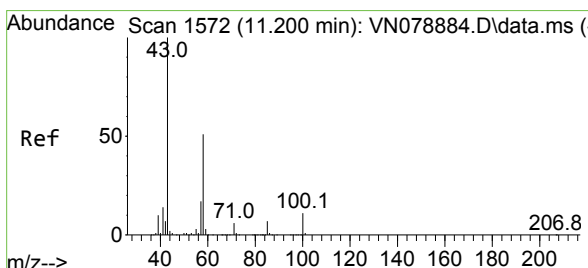
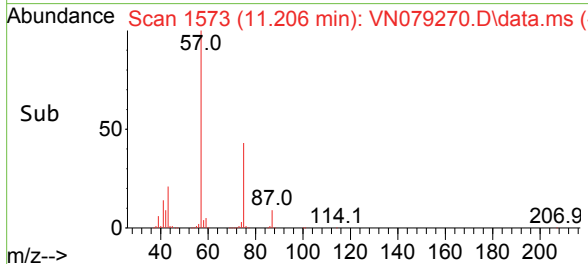
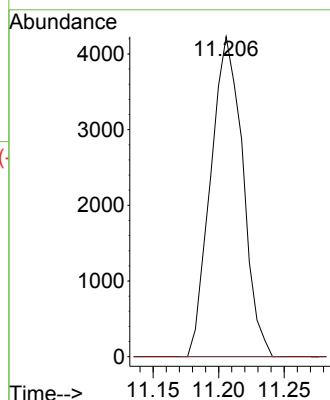
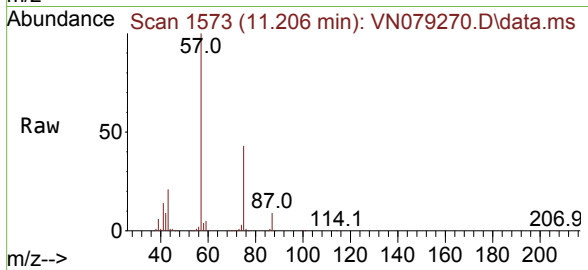




#57
1,3-Dichloropropane
Concen: 1.874 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

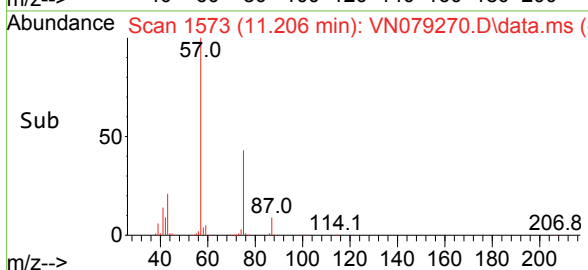
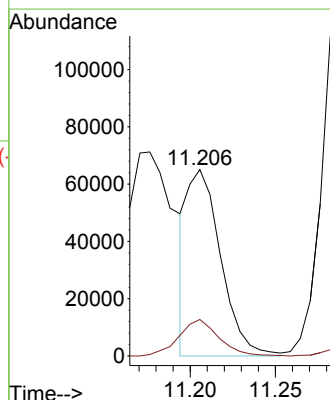
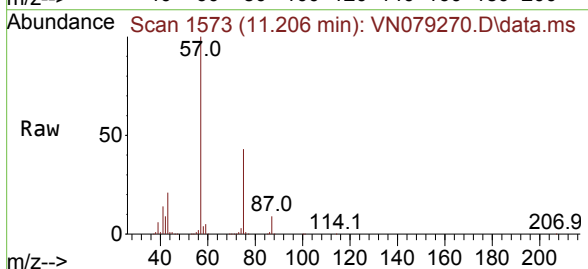
Instrument :
MSVOA_N
ClientSampleId :

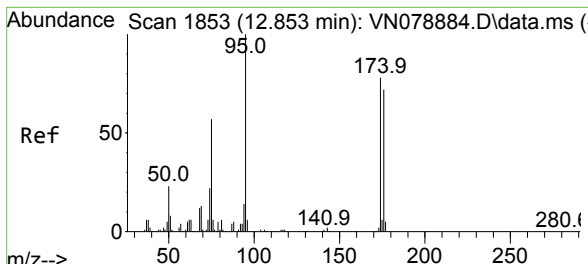
Tgt Ion: 76 Resp: 7187
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 43.328 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion: 43 Resp: 89102
Ion Ratio Lower Upper
43 100
58 23.2 31.7 95.1#

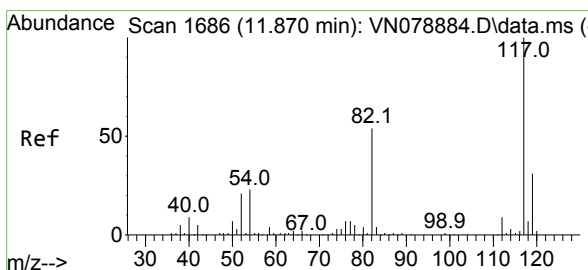
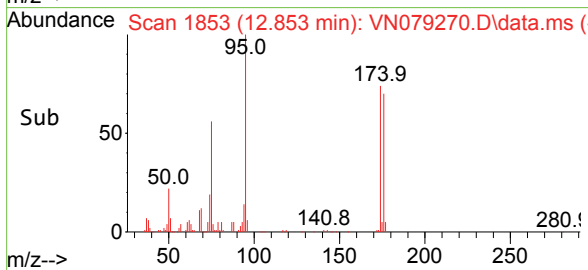
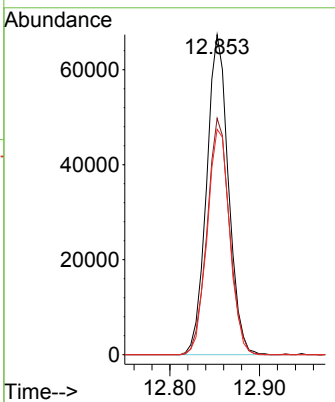
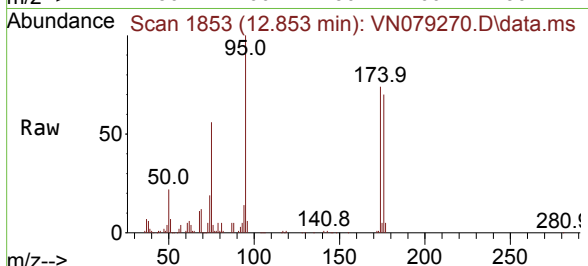




#62
 4-Bromofluorobenzene
 Concen: 49.899 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN079270.D
 Acq: 15 Sep 2023 14:30

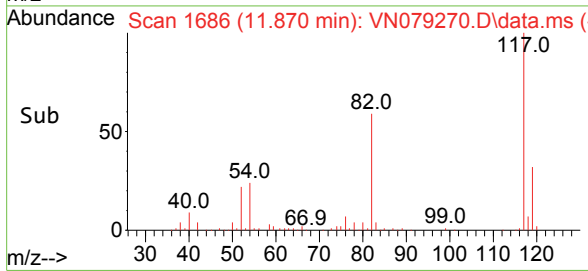
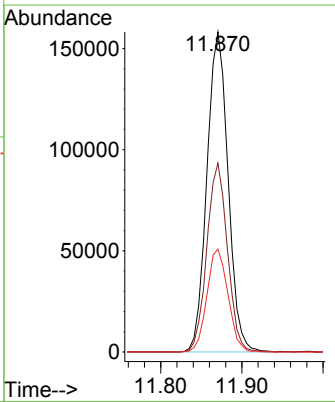
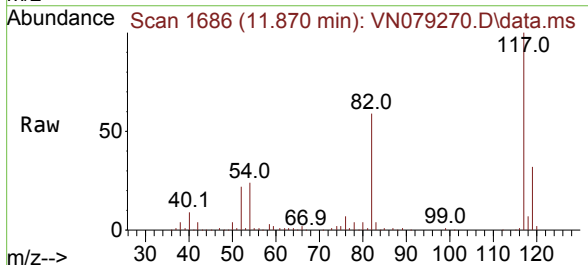
Instrument :
 MSVOA_N
 ClientSampleId :

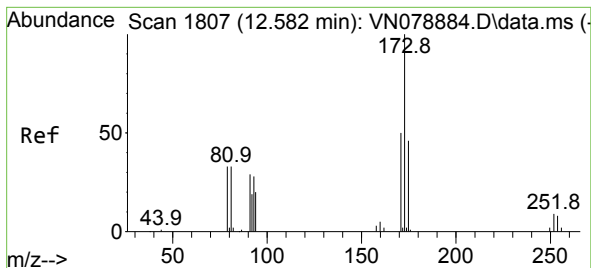
Tgt Ion:	95	Resp:	113953
Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	143.8
176	72.5	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN079270.D
 Acq: 15 Sep 2023 14:30

Tgt Ion:	117	Resp:	286326
Ion	Ratio	Lower	Upper
117	100		
82	59.0	44.0	66.0
119	32.2	25.6	38.4





#71

Bromoform

Concen: 0.601 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN079270.D

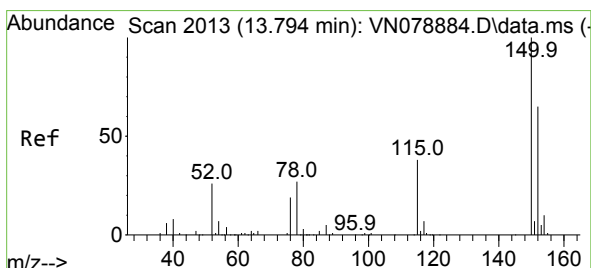
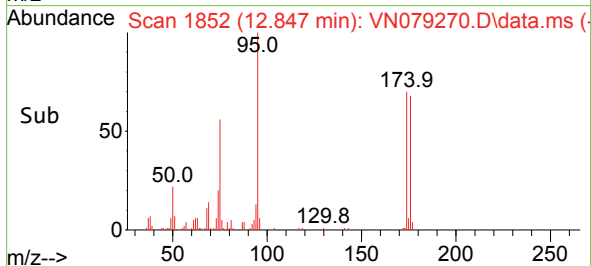
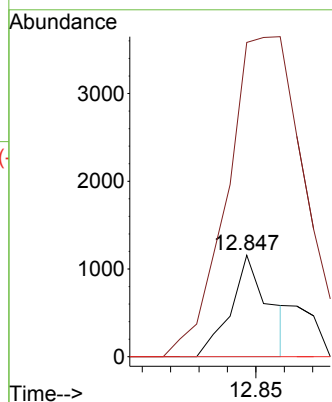
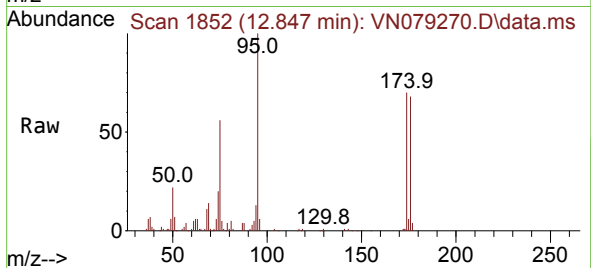
Acq: 15 Sep 2023 14:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 1080
 Ion Ratio Lower Upper
 173 100
 175 0.0 24.3 73.0#
 254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

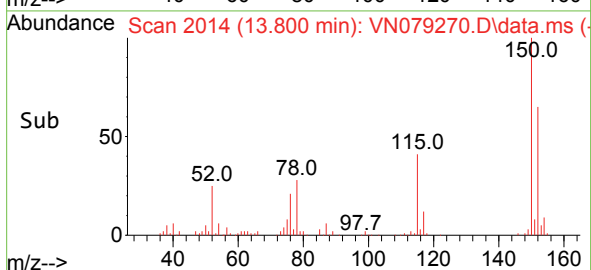
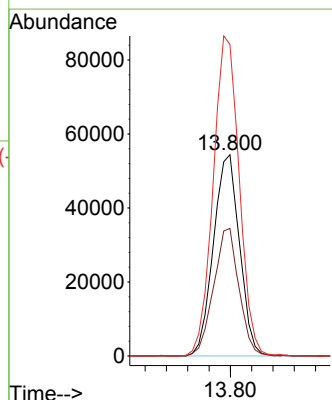
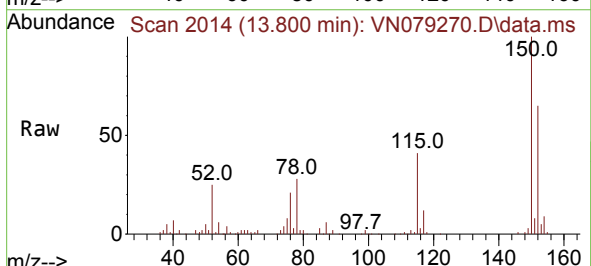
RT: 13.800 min Scan# 2014

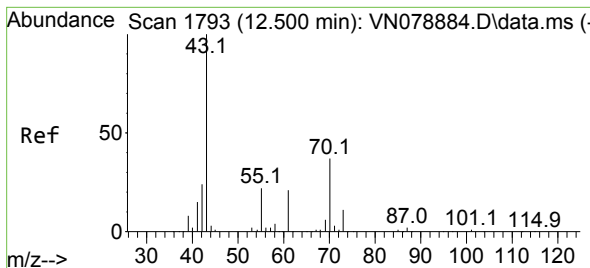
Delta R.T. 0.006 min

Lab File: VN079270.D

Acq: 15 Sep 2023 14:30

Tgt Ion:152 Resp: 92278
 Ion Ratio Lower Upper
 152 100
 115 61.7 32.3 96.8
 150 159.4 0.0 355.8





#74

N-amy1 acetate

Concen: 0.888 ug/l

RT: 12.494 min Scan# 1

Delta R.T. -0.006 min

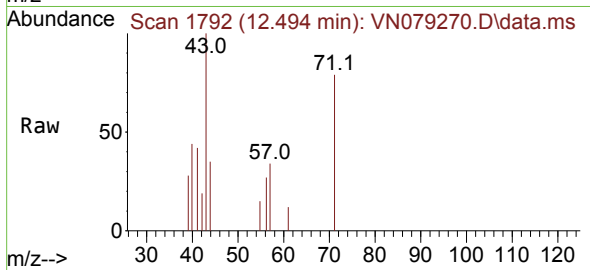
Lab File: VN079270.D

Acq: 15 Sep 2023 14:30

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 2828

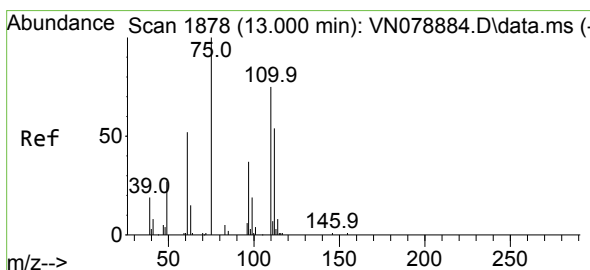
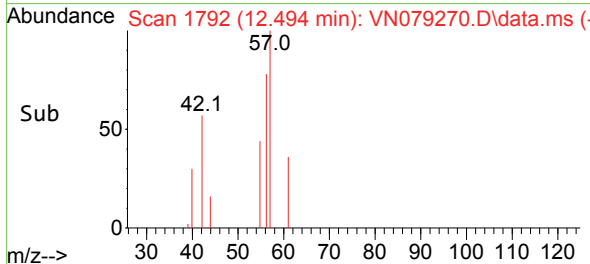
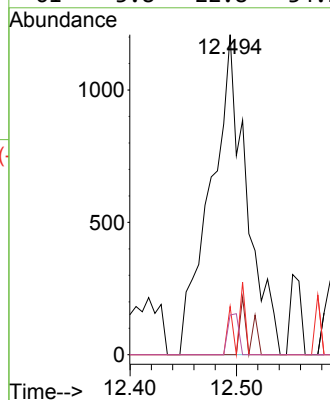
Ion Ratio Lower Upper

43 100

70 4.6 43.4 65.2#

55 5.7 21.4 32.0#

61 3.8 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 25.753 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079270.D

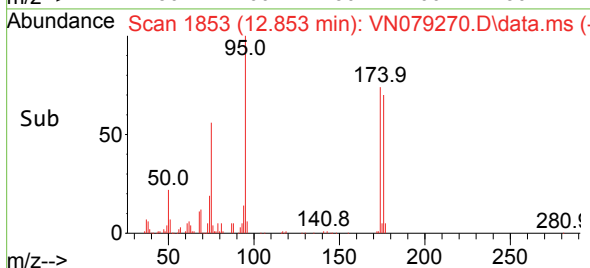
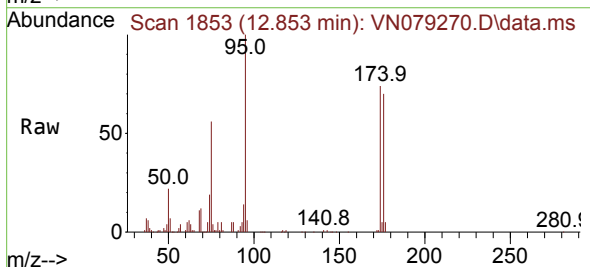
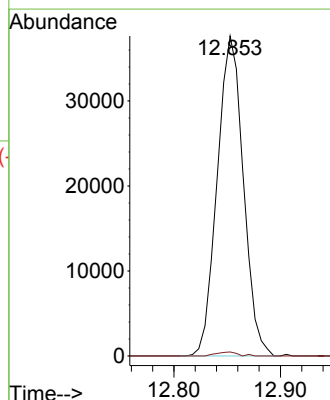
Acq: 15 Sep 2023 14:30

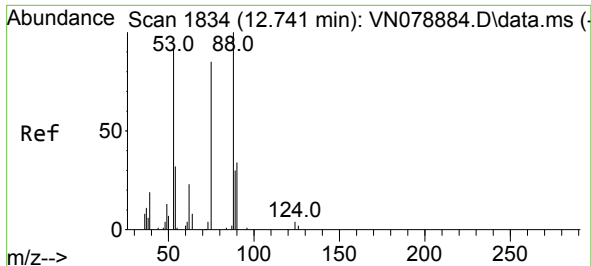
Tgt Ion: 75 Resp: 64047

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#

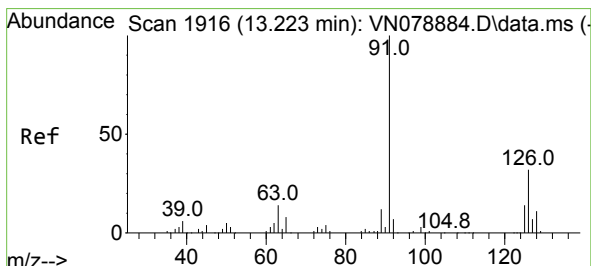
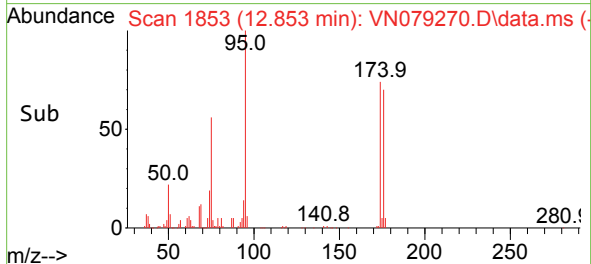
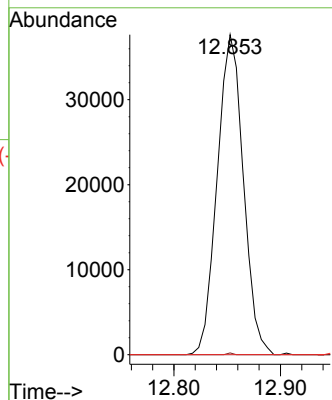
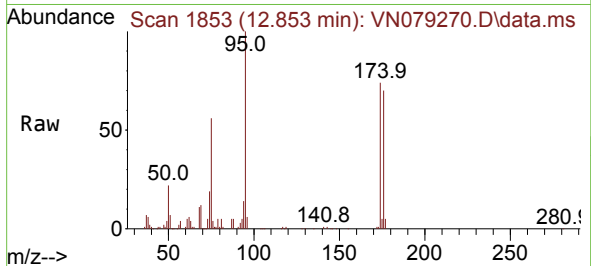




#81
trans-1,4-Dichloro-2-butene
Concen: 70.799 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

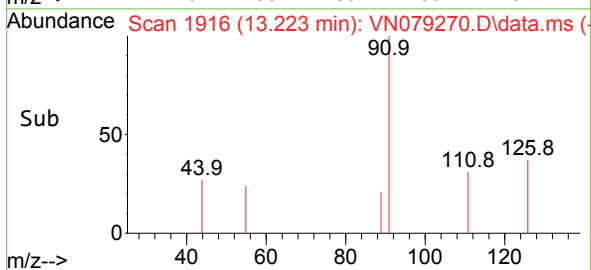
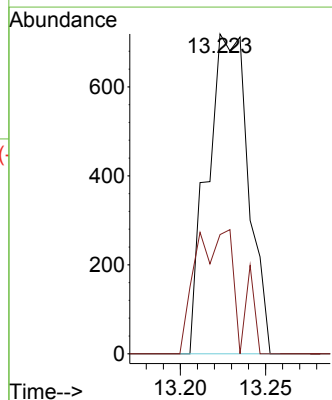
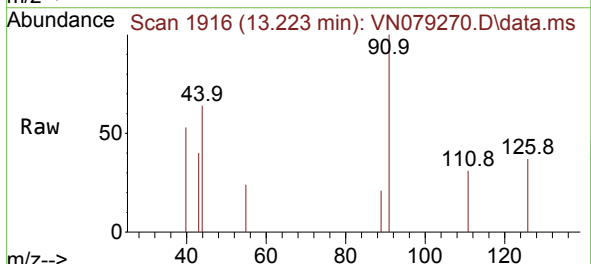
Instrument :
MSVOA_N
ClientSampleId :

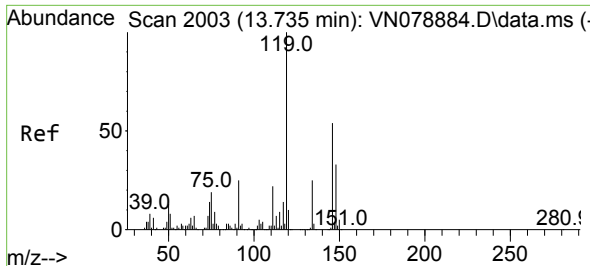
Tgt Ion: 75 Resp: 64047
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.207 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

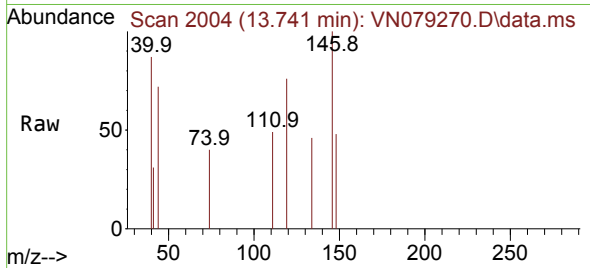
Tgt Ion: 91 Resp: 1201
Ion Ratio Lower Upper
91 100
126 40.3 16.7 50.0



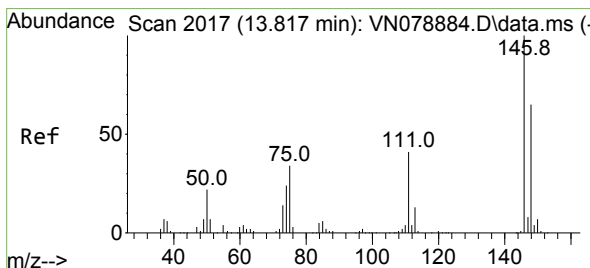
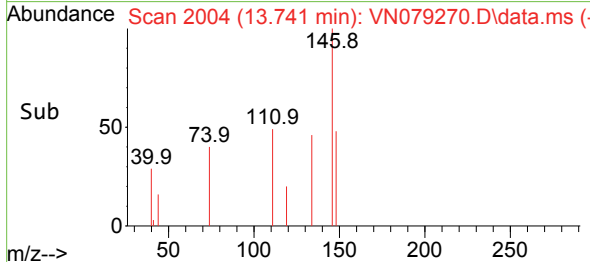
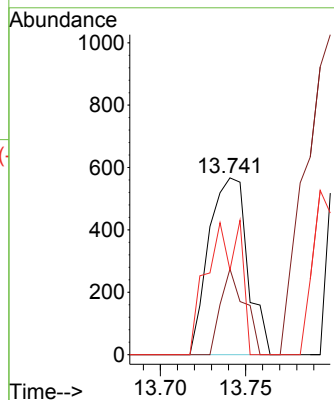


#87
1,3-Dichlorobenzene
Concen: 0.256 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Instrument :
MSVOA_N
ClientSampleId :

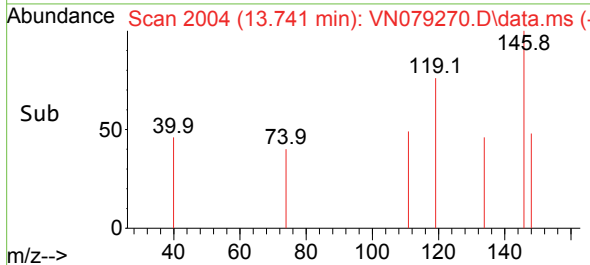
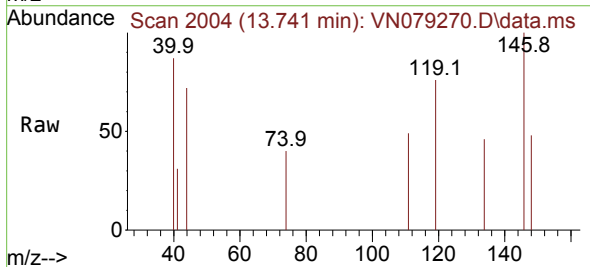
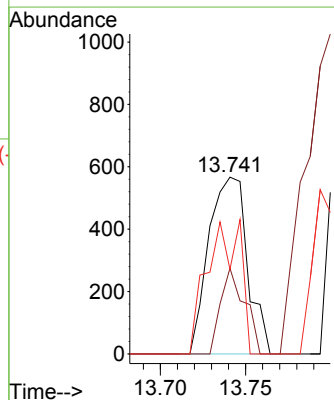


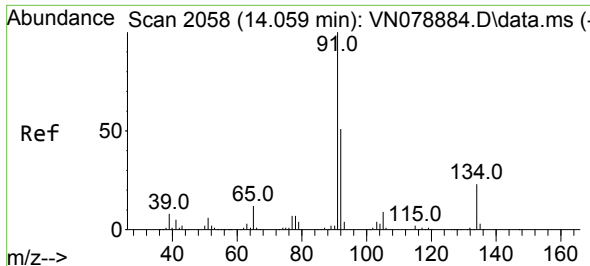
Tgt Ion:146 Resp: 894
Ion Ratio Lower Upper
146 100
111 30.2 22.1 66.3
148 64.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.254 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.077 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion:146 Resp: 894
Ion Ratio Lower Upper
146 100
111 30.2 20.6 61.8
148 64.8 31.6 94.8

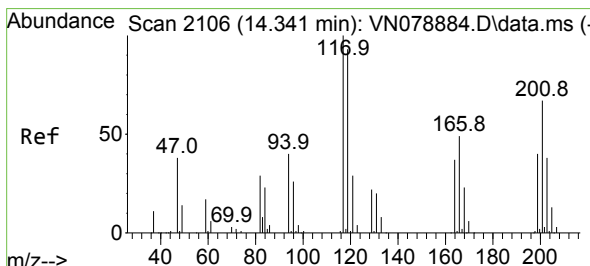
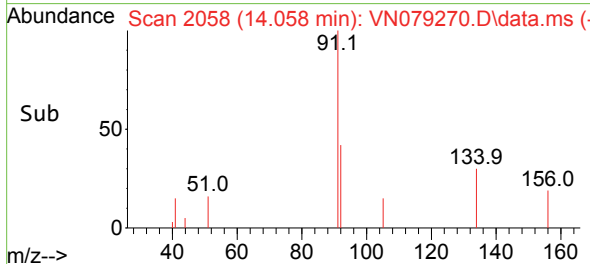
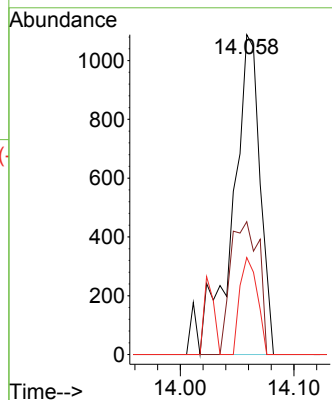
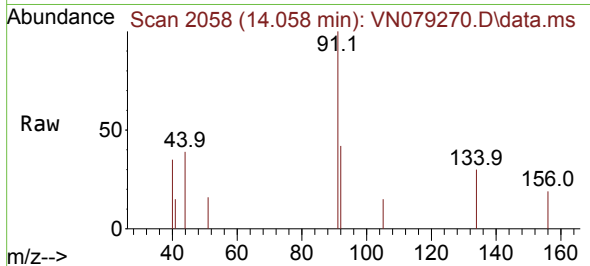




#89
n-Butylbenzene
Concen: 0.372 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.001 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

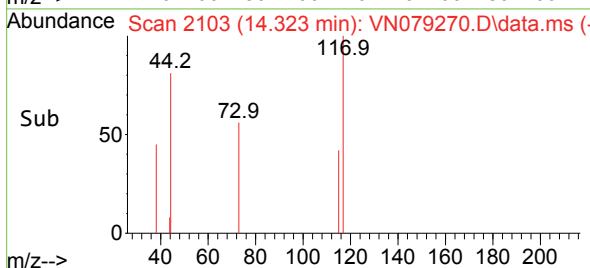
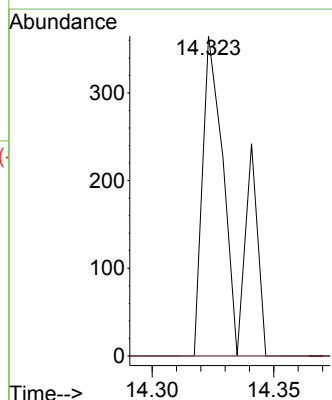
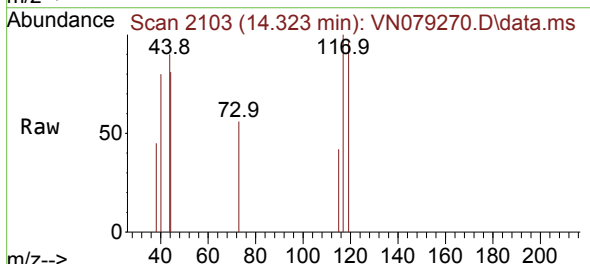
Instrument :
MSVOA_N
ClientSampleId :

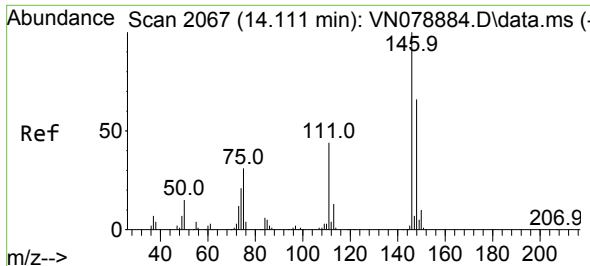
Tgt Ion: 91 Resp: 1863
Ion Ratio Lower Upper
91 100
92 41.9 26.4 79.0
134 18.9 12.6 37.6



#90
Hexachloroethane
Concen: 0.227 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.012 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

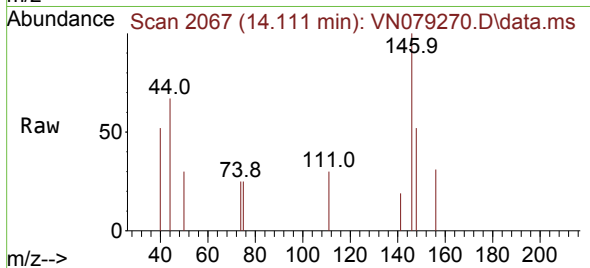
Tgt Ion: 117 Resp: 294
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#



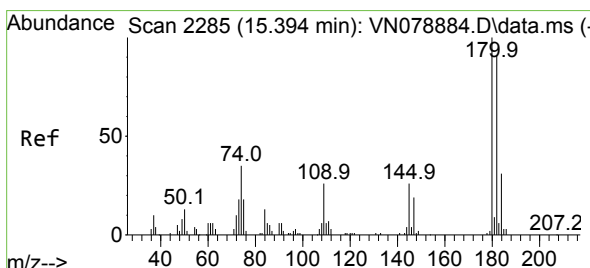
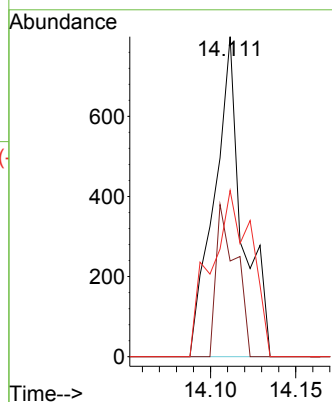
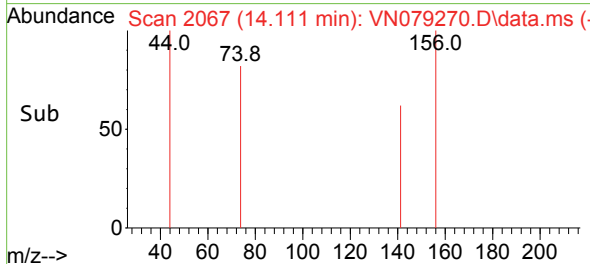


#91
1,2-Dichlorobenzene
Concen: 0.268 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

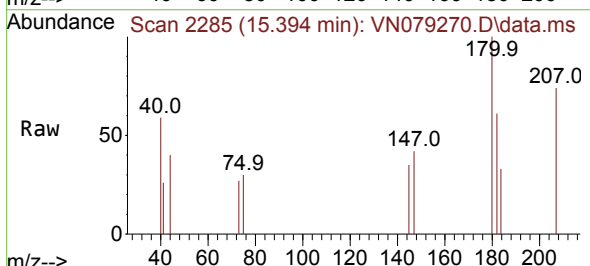
Instrument :
MSVOA_N
ClientSampleId :



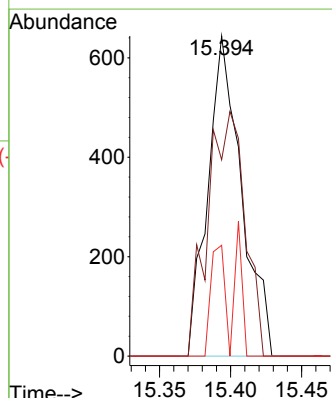
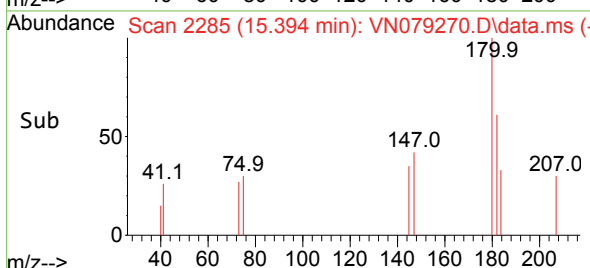
Tgt Ion:146 Resp: 921
Ion Ratio Lower Upper
146 100
111 33.3 22.0 66.0
148 73.8 31.8 95.3

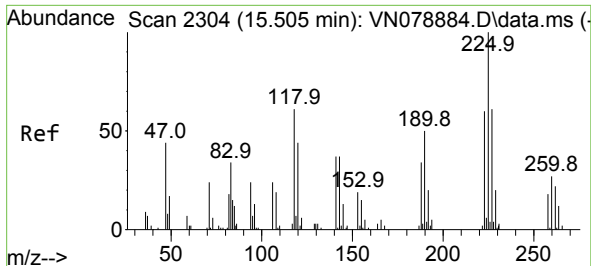


#93
1,2,4-Trichlorobenzene
Concen: 0.858 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30



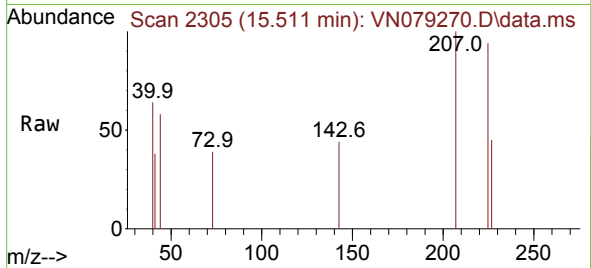
Tgt Ion:180 Resp: 1061
Ion Ratio Lower Upper
180 100
182 84.7 46.1 138.2
145 14.4 16.6 49.8#



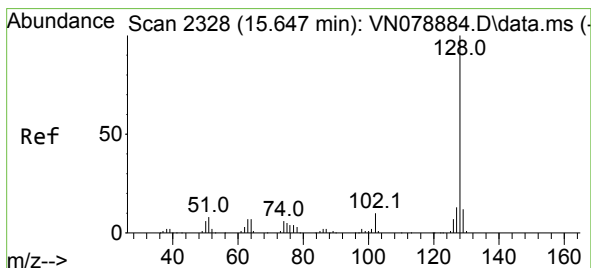
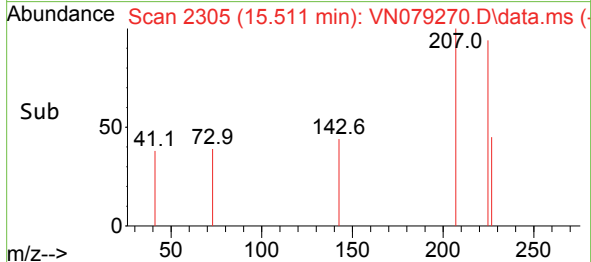
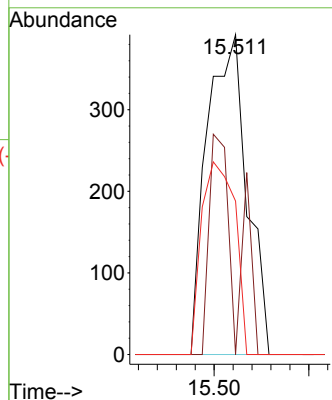


#94
Hexachlorobutadiene
Concen: 0.590 ug/l
RT: 15.511 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Instrument :
MSVOA_N
ClientSampleId :

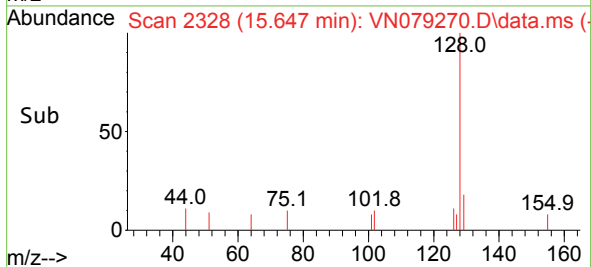
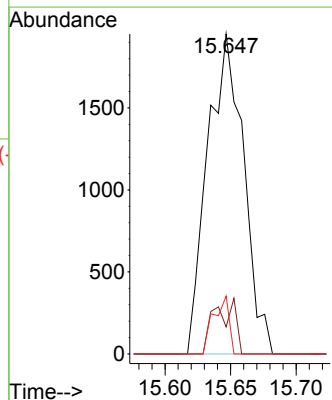
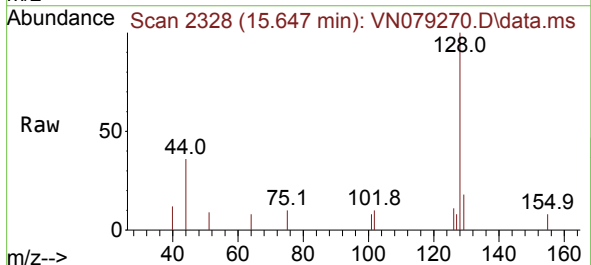


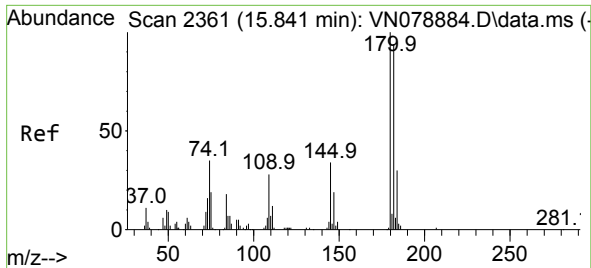
Tgt Ion:225 Resp: 574
Ion Ratio Lower Upper
225 100
223 46.0 31.3 93.8
227 50.5 31.9 95.9



#95
Naphthalene
Concen: 1.014 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

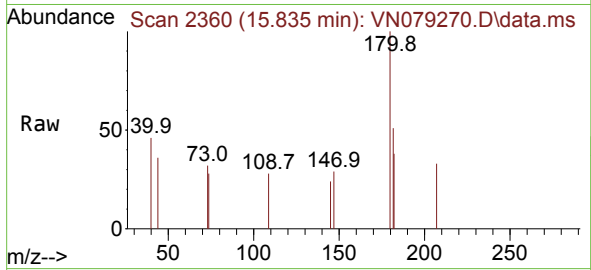
Tgt Ion:128 Resp: 3727
Ion Ratio Lower Upper
128 100
127 9.9 10.0 15.0#
129 7.9 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.876 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN079270.D
 Acq: 15 Sep 2023 14:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1278
Ion	Ratio	Lower	Upper
180	100		
182	99.3	46.2	138.6
145	12.4	17.5	52.6#

