

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077116.D
 Acq On : 22 Mar 2023 18:37
 Operator : JC\MD
 Sample : 01849-04DL 2X
 Misc : 10.42 g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-10-22.0-030823DL

Quant Time: Mar 22 23:27:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

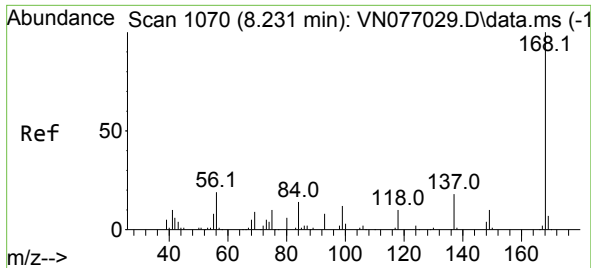
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	93561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	182273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	158303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	61175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	91505	61.229	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.460%	
35) Dibromofluoromethane	8.172	113	60146	47.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.240%	
50) Toluene-d8	10.566	98	230140	50.472	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	12.854	95	67723	42.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.948	94	331	0.482	ug/l #	3
6) Chloroethane	3.160	64	629	0.977	ug/l #	42
11) Tert butyl alcohol	5.525	59	1099	5.047	ug/l #	72
18) Methyl Acetate	5.054	43	1098	0.437	ug/l #	54
20) Methylene Chloride	5.284	84	419	0.290	ug/l #	52
31) Cyclohexane	8.230	56	3372	1.379	ug/l #	14
36) 1,1-Dichloropropene	8.225	75	10597	5.315	ug/l #	49
38) Carbon Tetrachloride	8.230	117	11524	5.934	ug/l #	17
39) Methylcyclohexane	9.354	83	709	0.304	ug/l #	1
44) Trichloroethene	9.354	130	64788	46.648	ug/l	98
76) 1,2,3-Trichloropropane	12.854	75	42775	27.032	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	42775	74.408	ug/l #	10
95) Naphthalene	15.642	128	57	1.925	ug/l #	70

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
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QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration

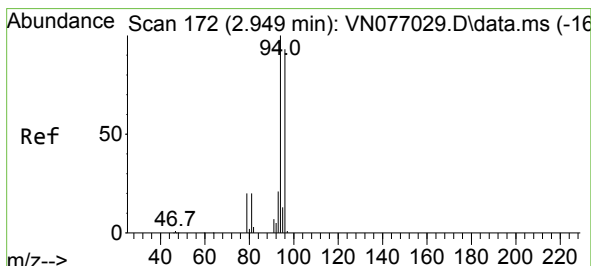
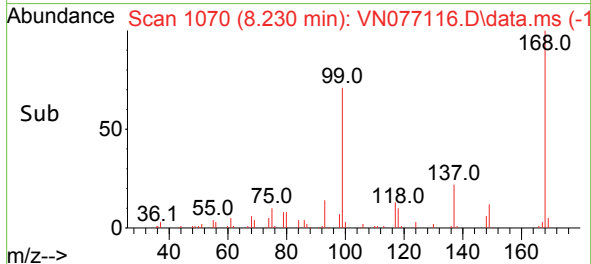
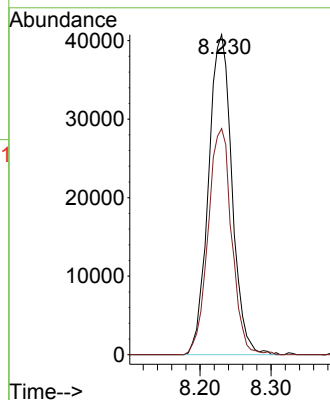
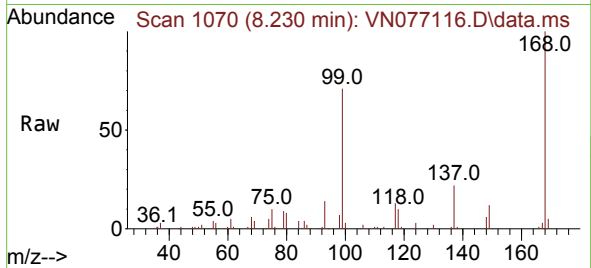




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

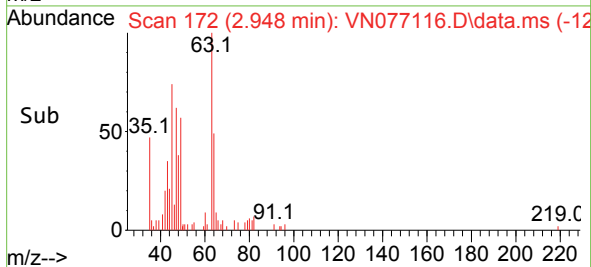
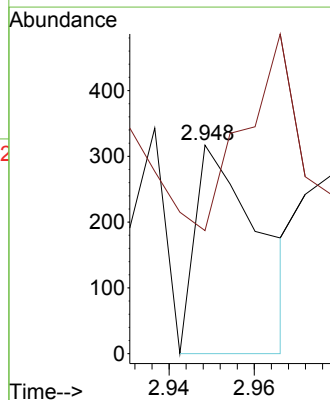
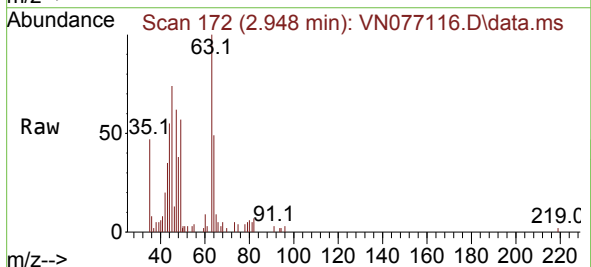
Instrument :
MSVOA_N
ClientSampleId :
CB-10-22.0-030823DL

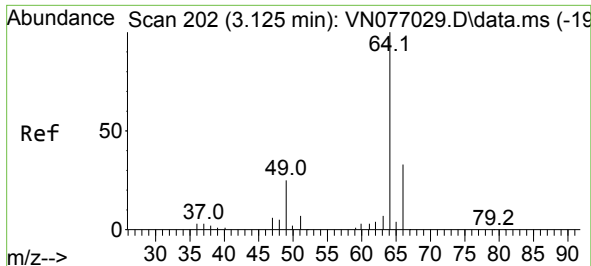
Tgt Ion:168 Resp: 93561
Ion Ratio Lower Upper
168 100
99 70.6 53.9 80.9



#5
Bromomethane
Concen: 0.482 ug/l
RT: 2.948 min Scan# 172
Delta R.T. -0.001 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

Tgt Ion: 94 Resp: 331
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#

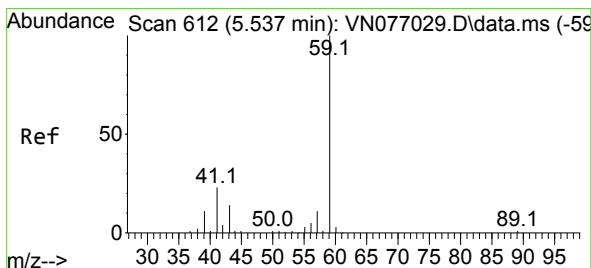
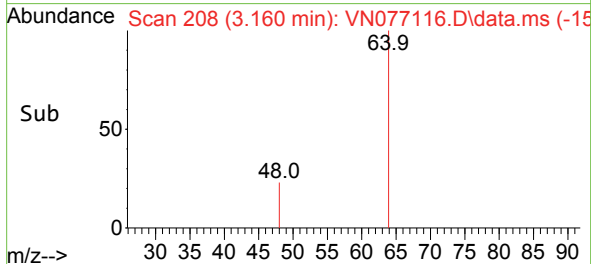
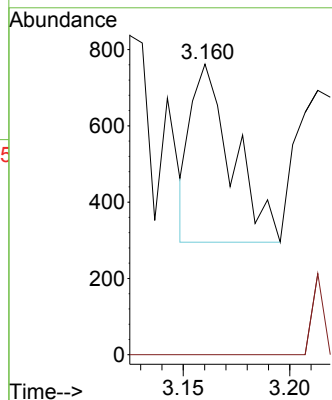
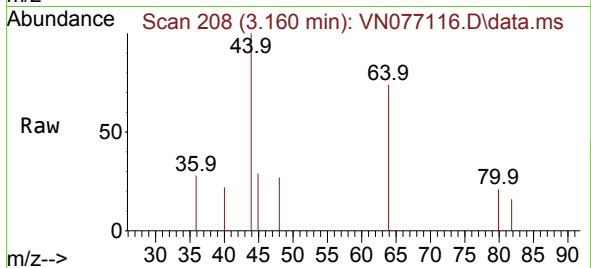




#6
Chloroethane
Concen: 0.977 ug/l
RT: 3.160 min Scan# 202
Delta R.T. 0.035 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

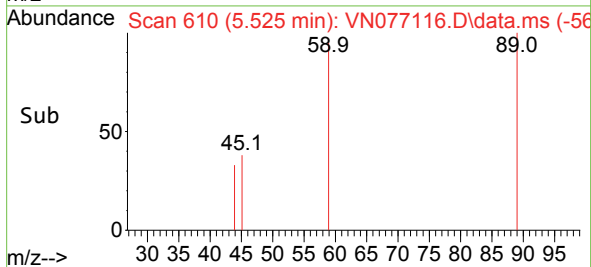
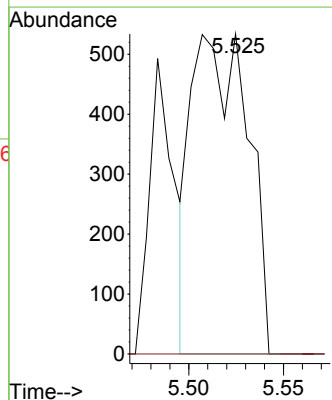
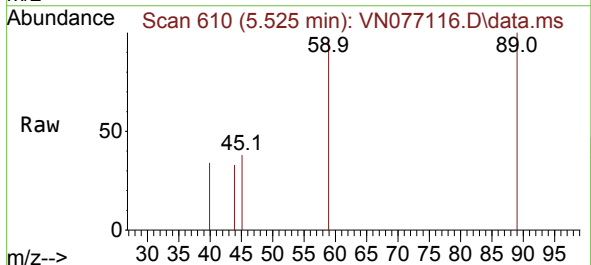
Instrument :
MSVOA_N
ClientSampleId :
CB-10-22.0-030823DL

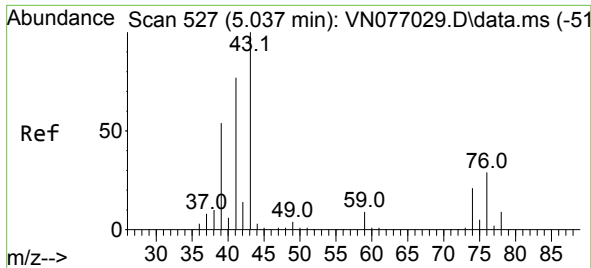
Tgt Ion: 64 Resp: 629
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#11
Tert butyl alcohol
Concen: 5.047 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.012 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

Tgt Ion: 59 Resp: 1099
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

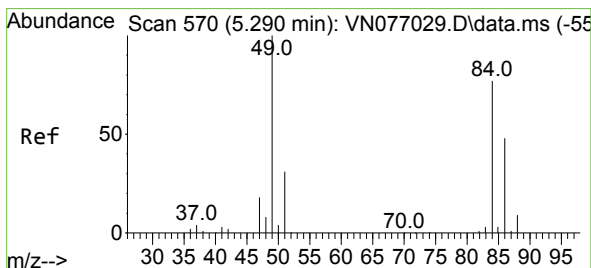
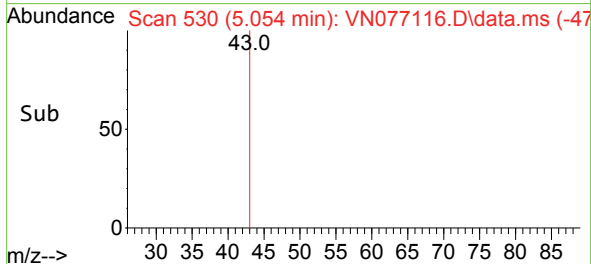
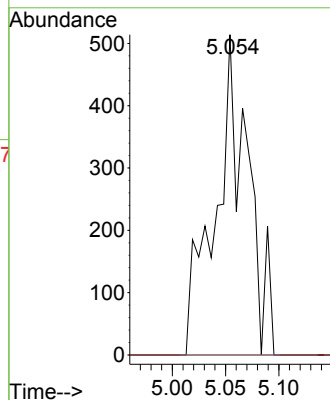
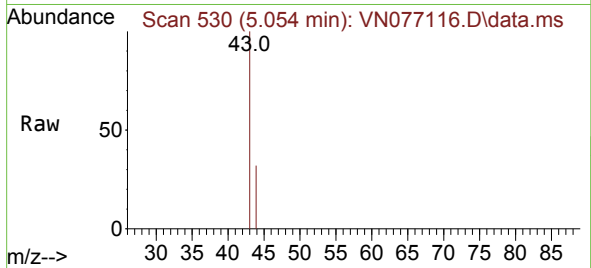




#18
Methyl Acetate
Concen: 0.437 ug/l
RT: 5.054 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

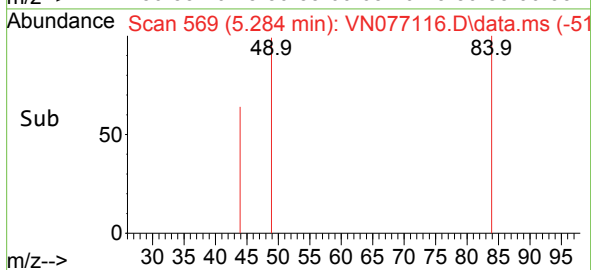
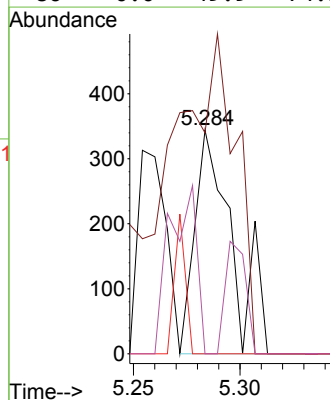
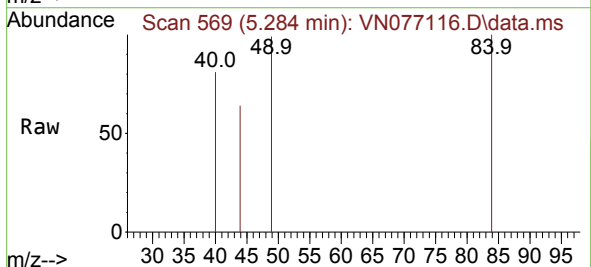
Instrument :
MSVOA_N
ClientSampleId :
CB-10-22.0-030823DL

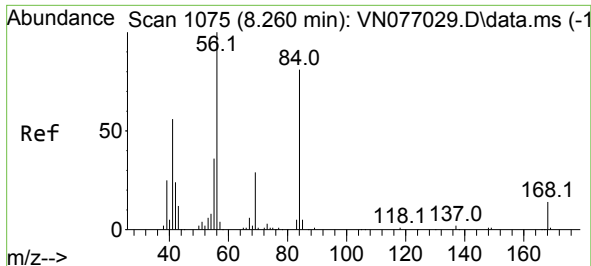
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: 0.290 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

Tgt Ion: 84 Resp: 419
Ion Ratio Lower Upper
84 100
49 98.8 103.8 155.6#
51 0.0 32.3 48.5#
86 0.0 49.9 74.9#

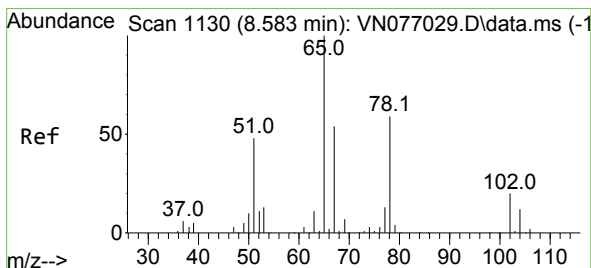
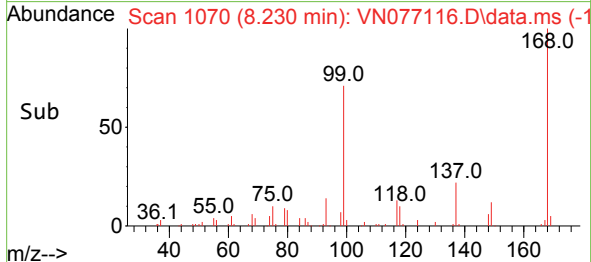
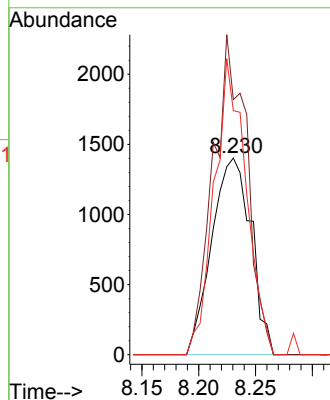
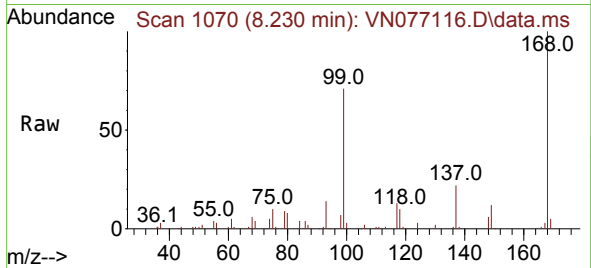




#31
Cyclohexane
Concen: 1.379 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.030 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

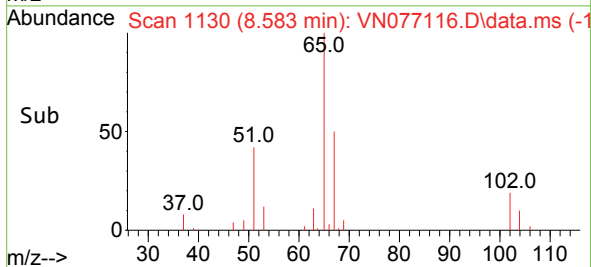
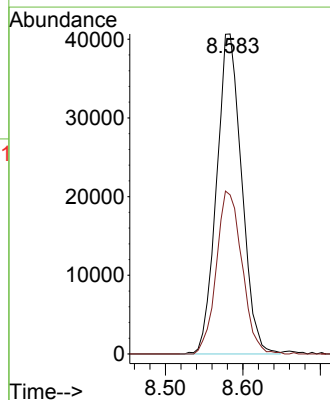
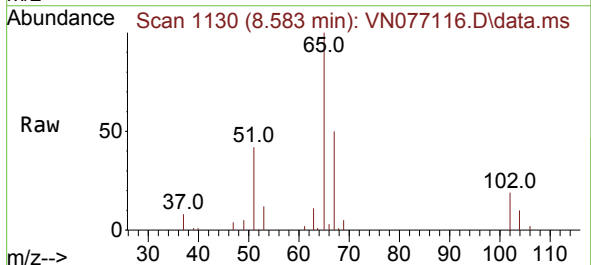
Instrument :
MSVOA_N
ClientSampleId :
CB-10-22.0-030823DL

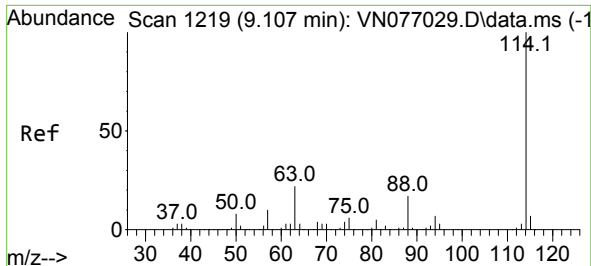
Tgt Ion: 56 Resp: 3372
Ion Ratio Lower Upper
56 100
69 129.7 22.8 34.2#
84 124.0 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 61.229 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

Tgt Ion: 65 Resp: 91505
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077116.D

Acq: 22 Mar 2023 18:37

Instrument :

MSVOA_N

ClientSampleId :

CB-10-22.0-030823DL

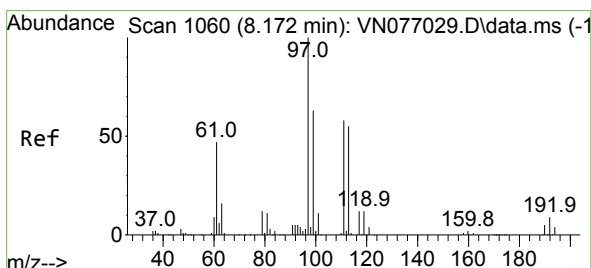
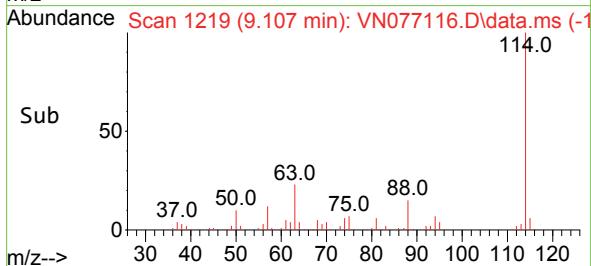
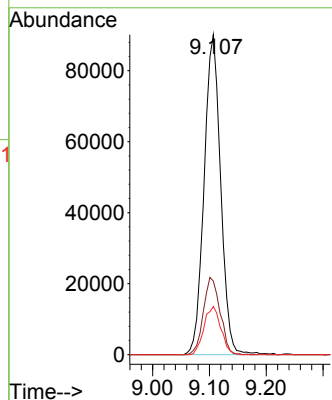
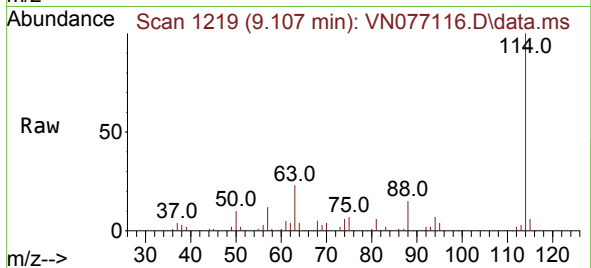
Tgt Ion:114 Resp: 182273

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 15.1 0.0 33.8



#35

Dibromofluoromethane

Concen: 47.119 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077116.D

Acq: 22 Mar 2023 18:37

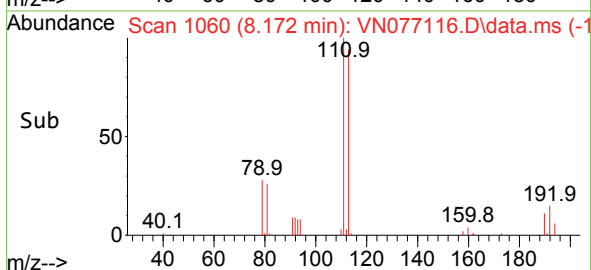
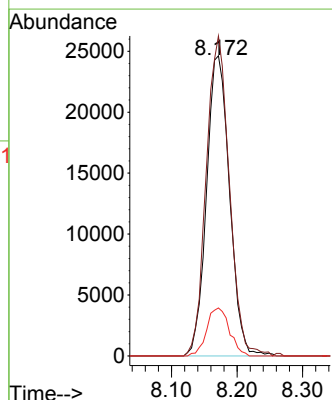
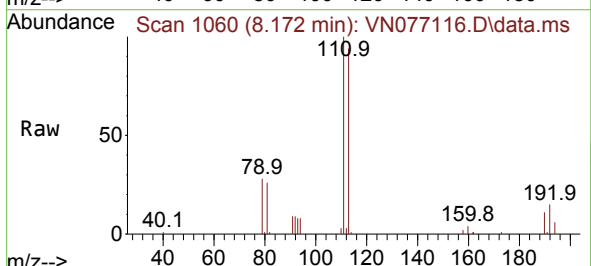
Tgt Ion:113 Resp: 60146

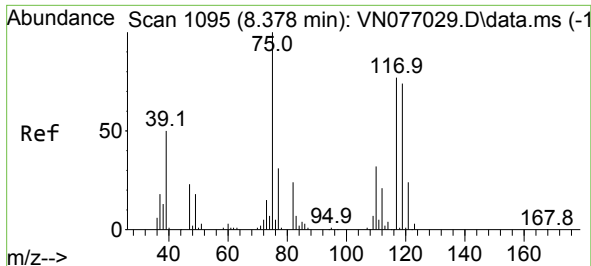
Ion Ratio Lower Upper

113 100

111 107.0 82.2 123.2

192 15.8 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.315 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.153 min

Lab File: VN077116.D

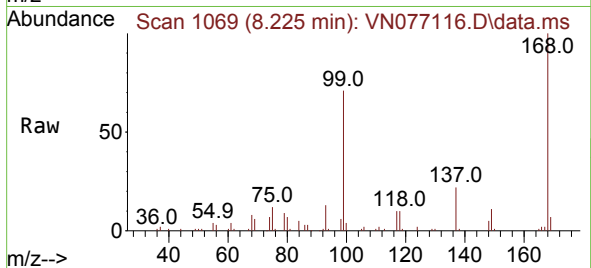
Acq: 22 Mar 2023 18:37

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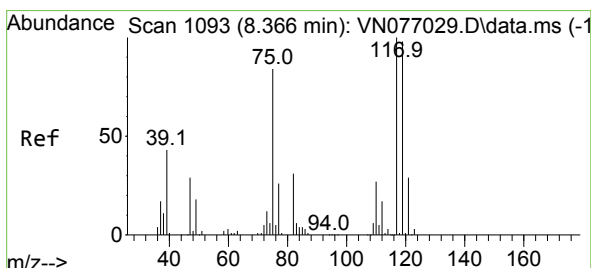
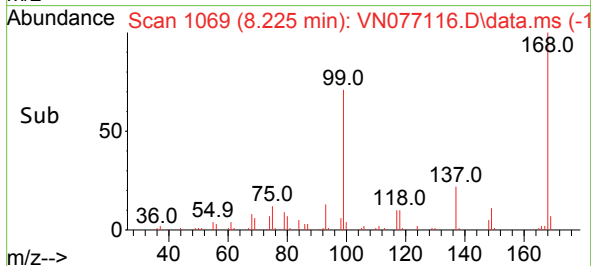
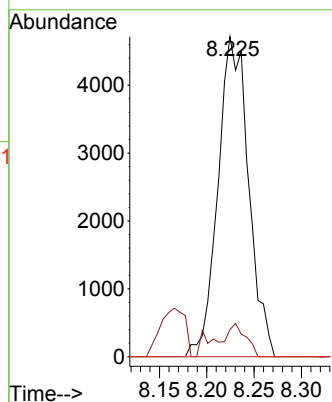
Tgt Ion: 75 Resp: 10597

Ion Ratio Lower Upper

75 100

110 6.4 15.9 47.7#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.934 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.135 min

Lab File: VN077116.D

Acq: 22 Mar 2023 18:37

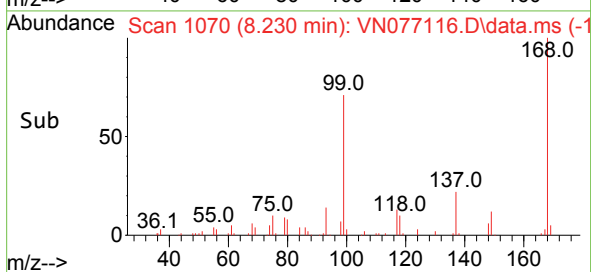
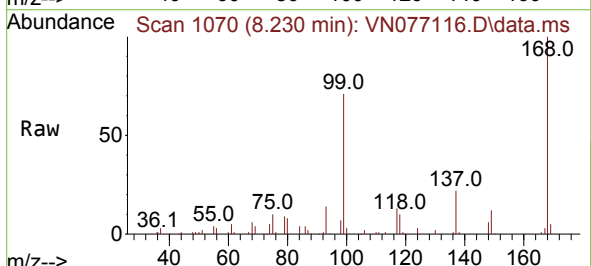
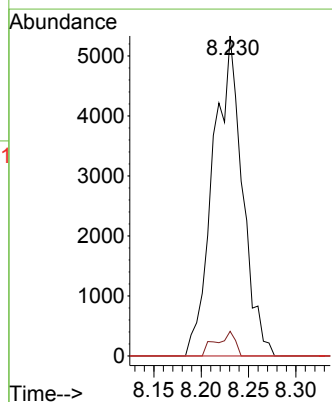
Tgt Ion: 117 Resp: 11524

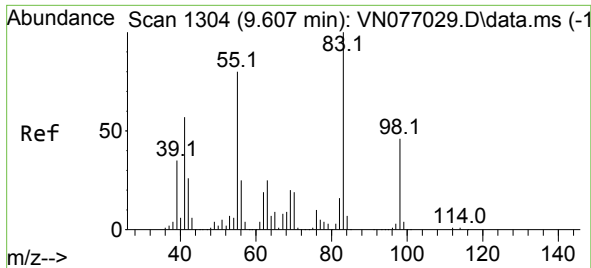
Ion Ratio Lower Upper

117 100

119 7.7 78.2 117.2#

121 0.0 23.2 34.8#





#39

Methylcyclohexane

Concen: 0.304 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.253 min

Lab File: VN077116.D

Acq: 22 Mar 2023 18:37

Instrument :

MSVOA_N

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CB-10-22.0-030823DL

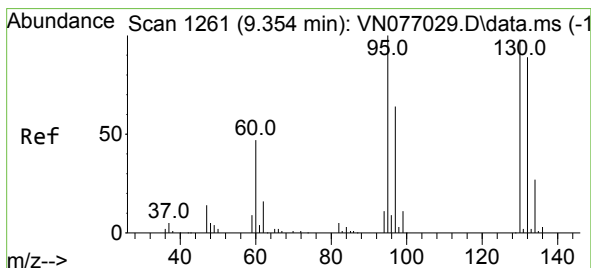
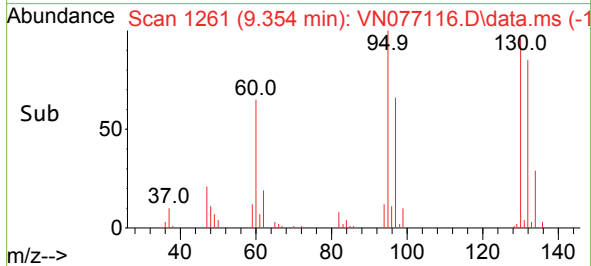
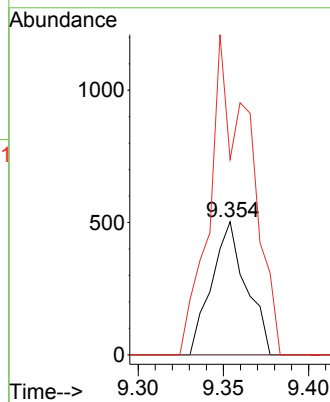
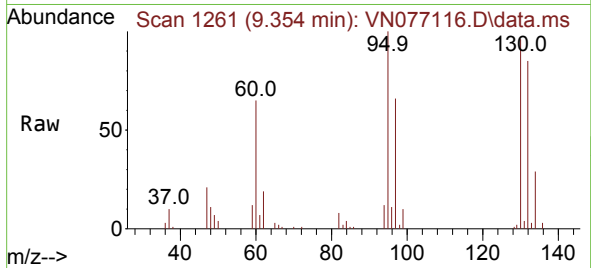
Tgt Ion: 83 Resp: 709

Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.8#

98 146.7 37.1 55.7#



#44

Trichloroethene

Concen: 46.648 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077116.D

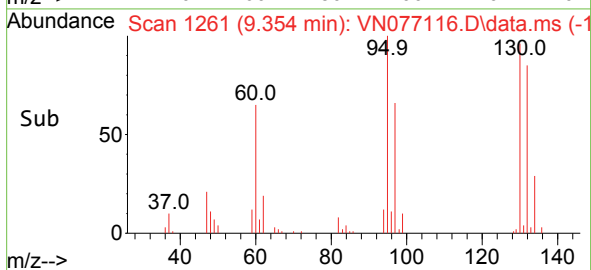
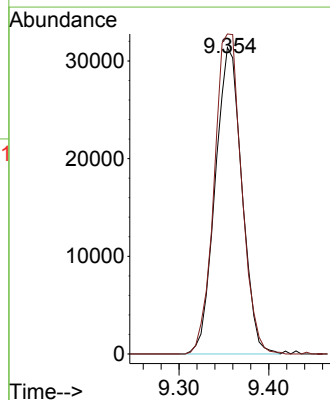
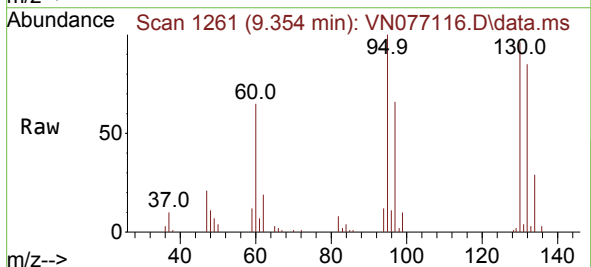
Acq: 22 Mar 2023 18:37

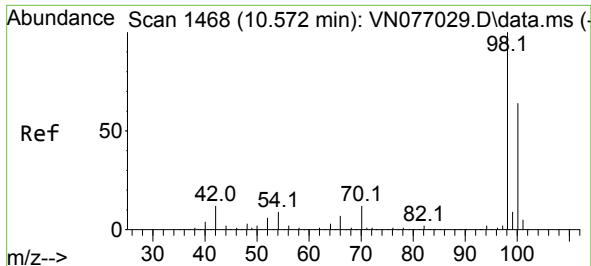
Tgt Ion:130 Resp: 64788

Ion Ratio Lower Upper

130 100

95 104.4 0.0 204.4

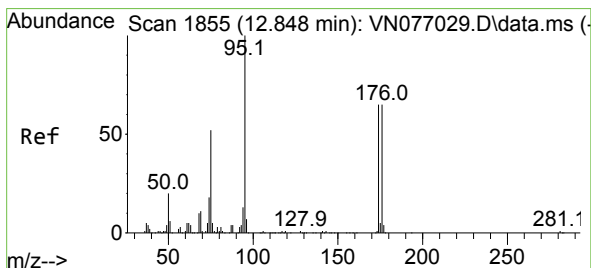
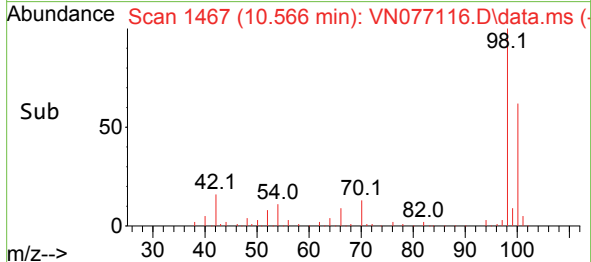
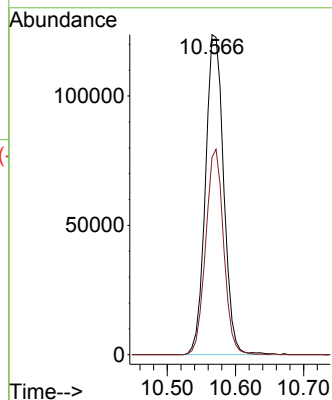
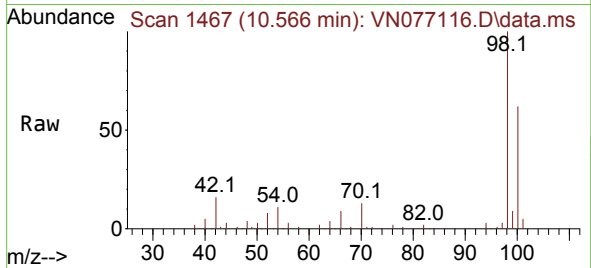




#50
Toluene-d8
Concen: 50.472 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

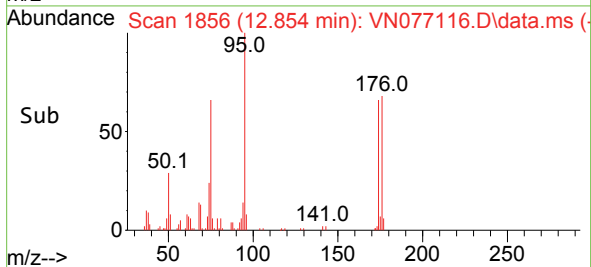
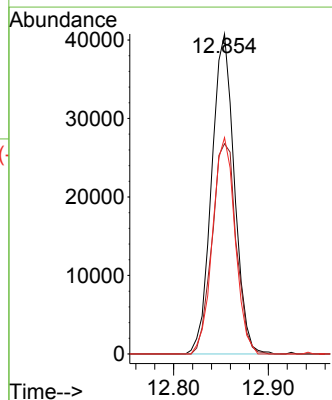
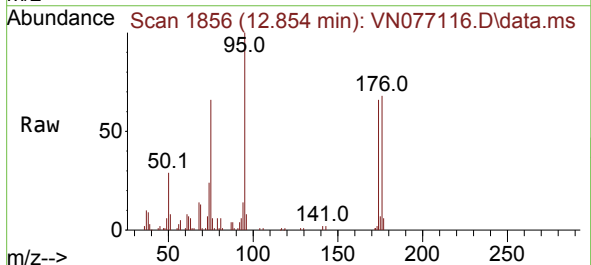
Instrument :
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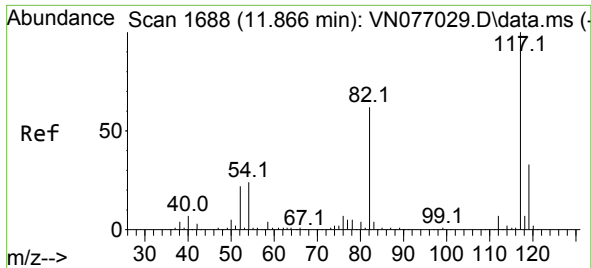
Tgt Ion: 98 Resp: 230140
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.031 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

Tgt Ion: 95 Resp: 67723
Ion Ratio Lower Upper
95 100
174 70.1 0.0 136.6
176 67.1 0.0 130.0

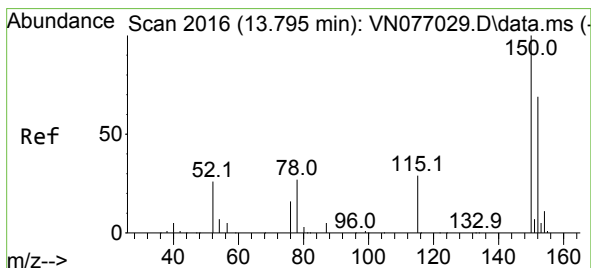
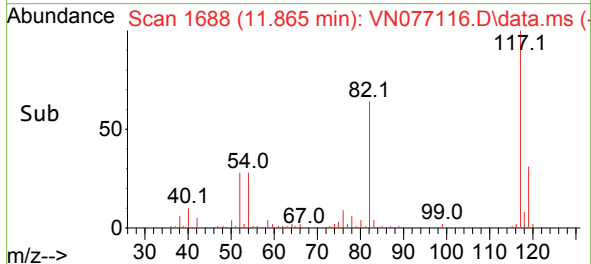
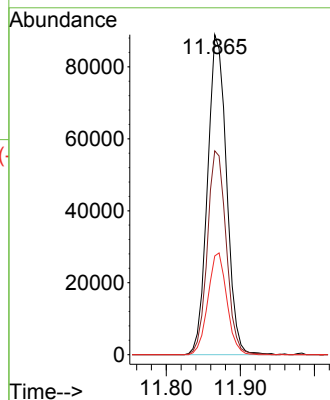
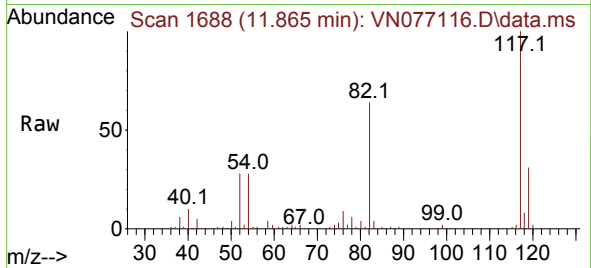




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

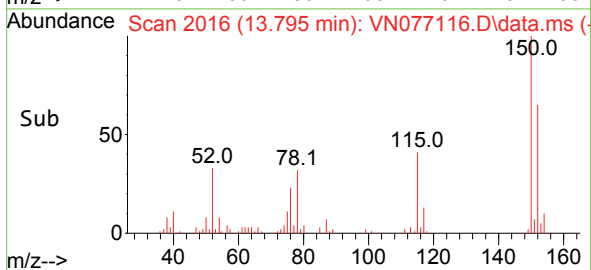
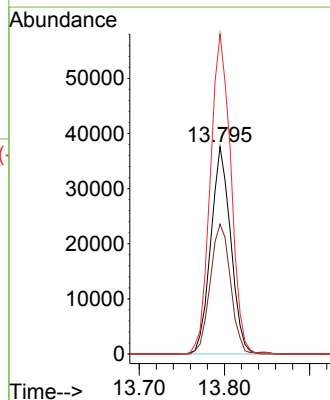
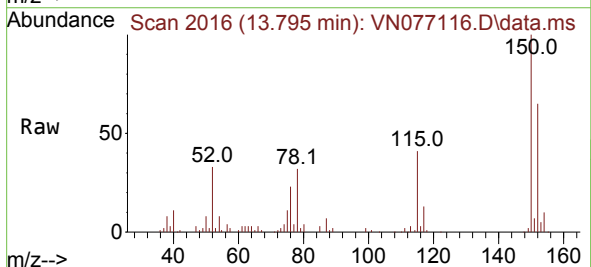
Instrument :
MSVOA_N
ClientSampleId :
CB-10-22.0-030823DL

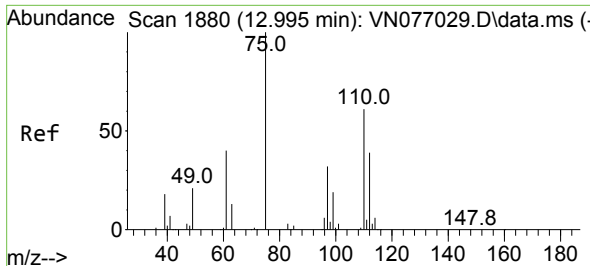
Tgt Ion:117 Resp: 158303
Ion Ratio Lower Upper
117 100
82 63.7 49.4 74.0
119 30.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

Tgt Ion:152 Resp: 61175
Ion Ratio Lower Upper
152 100
115 63.7 31.9 95.7
150 158.9 0.0 348.0

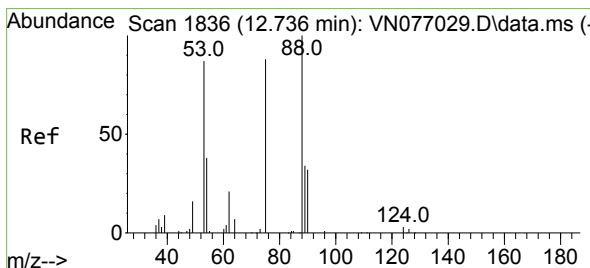
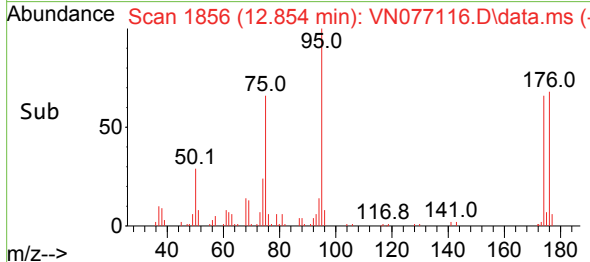
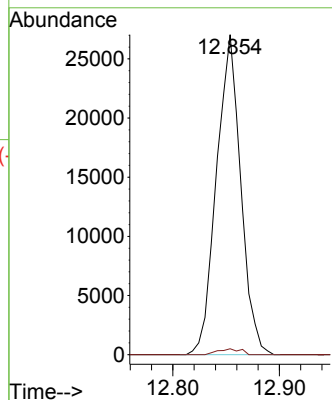
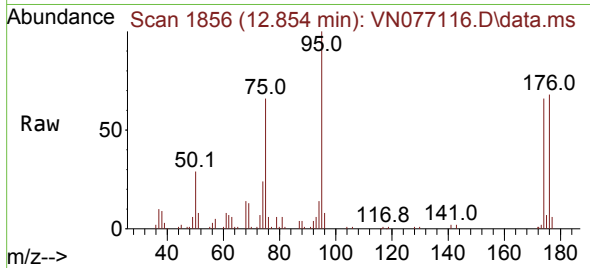




#76
1,2,3-Trichloropropane
Concen: 27.032 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

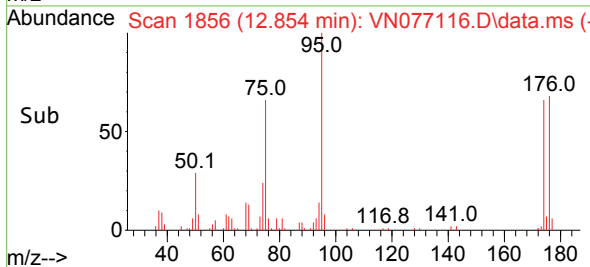
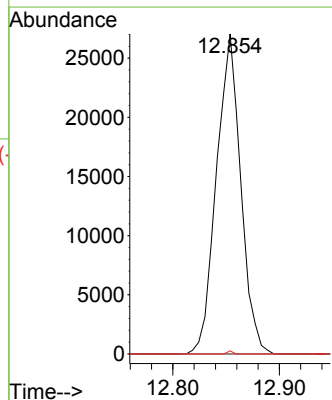
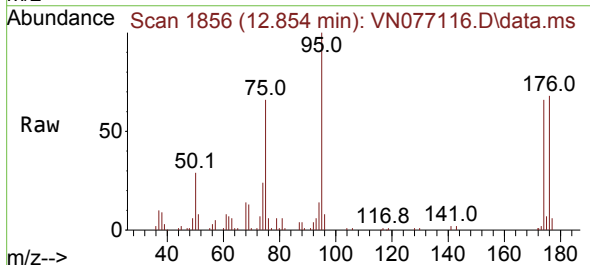
Instrument :
MSVOA_N
ClientSampleId :
CB-10-22.0-030823DL

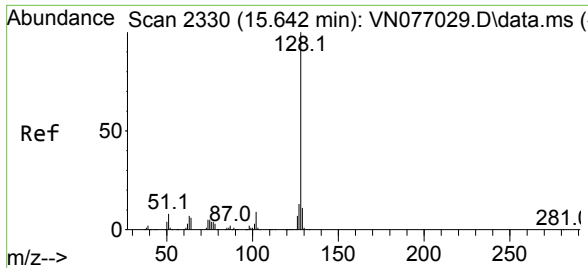
Tgt Ion: 75 Resp: 42775
Ion Ratio Lower Upper
75 100
77 1.7 107.3 322.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.408 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077116.D
Acq: 22 Mar 2023 18:37

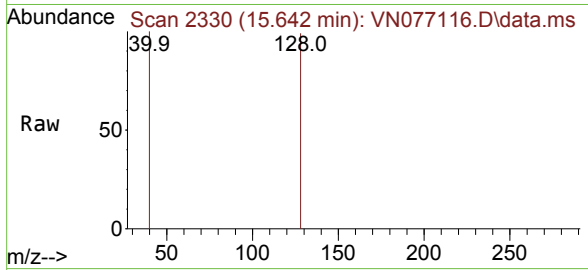
Tgt Ion: 75 Resp: 42775
Ion Ratio Lower Upper
75 100
53 0.0 80.8 121.2#
89 0.2 34.2 51.4#





#95
 Naphthalene
 Concen: 1.925 ug/l
 RT: 15.642 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077116.D
 Acq: 22 Mar 2023 18:37

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-10-22.0-030823DL



Tgt Ion:	128	Resp:	57
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.6	13.0#

