

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077879.D
 Acq On : 25 May 2023 04:11
 Operator : JC\MD
 Sample : 02852-07 10X
 Misc : 5.64g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-38-051823

Quant Time: May 25 05:02:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

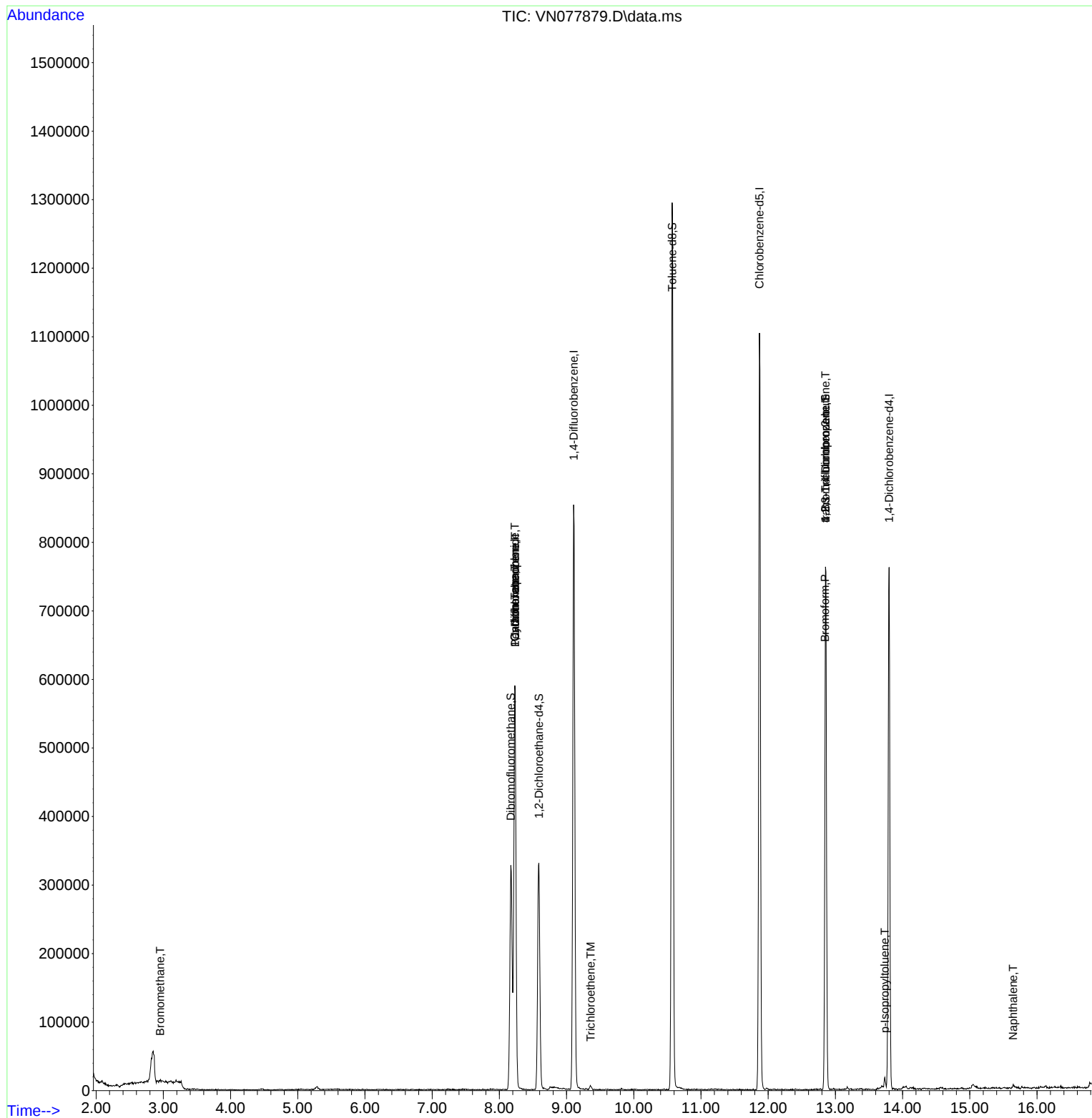
Internal Standards						
1) Pentafluorobenzene	8.235	168	422719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	764818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	656085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	208349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	280234	44.306	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.620%
35) Dibromofluoromethane	8.171	113	235682	47.257	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	10.571	98	935491	48.732	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.853	95	275283	40.603	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.200%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1348	Below Cal	#	85
5) Bromomethane	2.953	94	1796	0.400	ug/l #	63
20) Methylene Chloride	5.271	84	2872	Below Cal	#	68
31) Cyclohexane	8.230	56	9824	1.143	ug/l #	43
36) 1,1-Dichloropropene	8.235	75	35937	4.926	ug/l #	49
38) Carbon Tetrachloride	8.230	117	49095	6.665	ug/l #	14
44) Trichloroethene	9.359	130	2173	0.399	ug/l	61
71) Bromoform	12.847	173	1182	0.361	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	143464	27.495	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	143464	87.889	ug/l #	15
86) p-Isopropyltoluene	13.735	119	8181	0.548	ug/l	85
95) Naphthalene	15.647	128	4615	0.324	ug/l #	95

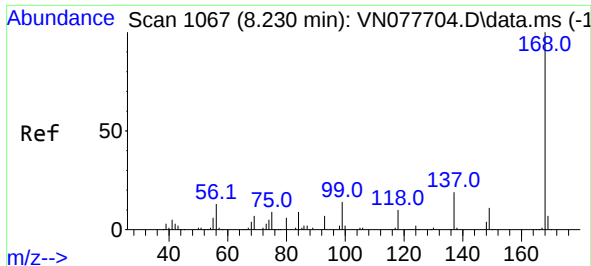
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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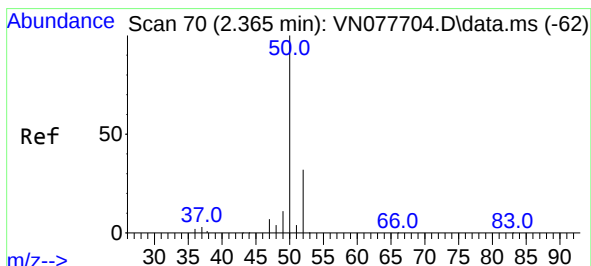
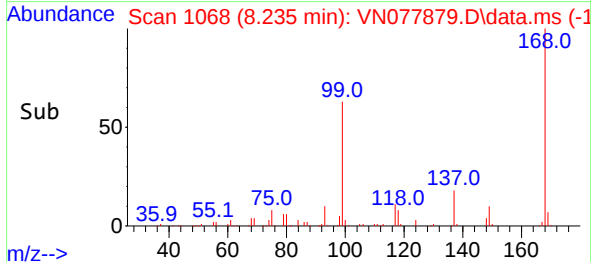
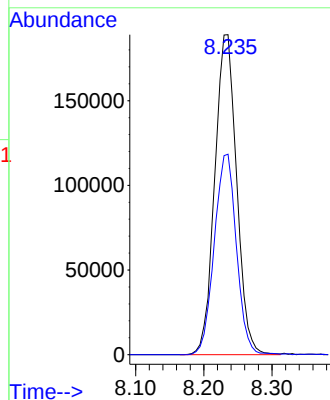
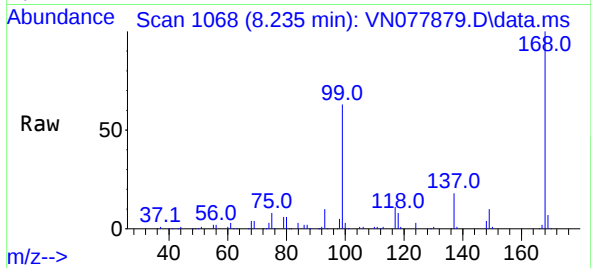




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

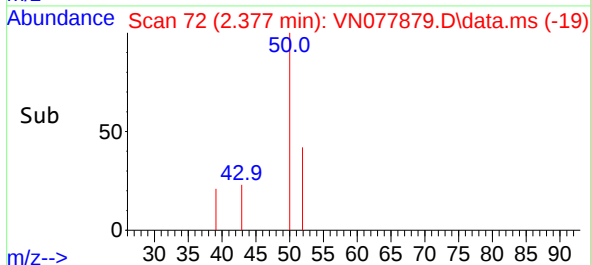
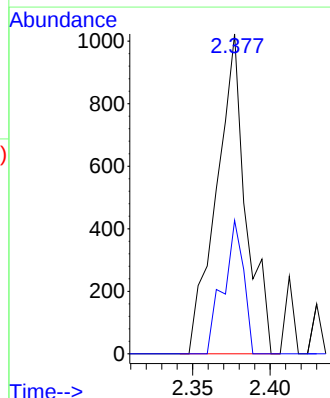
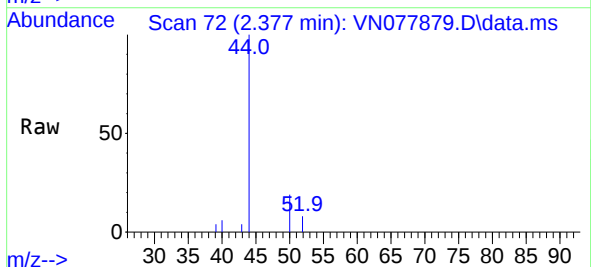
Instrument :
MSVOA_N
ClientSampleId :
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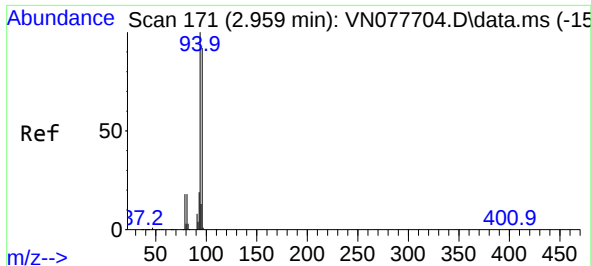
Tgt Ion:168 Resp: 422719
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

Tgt Ion: 50 Resp: 1348
Ion Ratio Lower Upper
50 100
52 41.7 26.5 39.7#

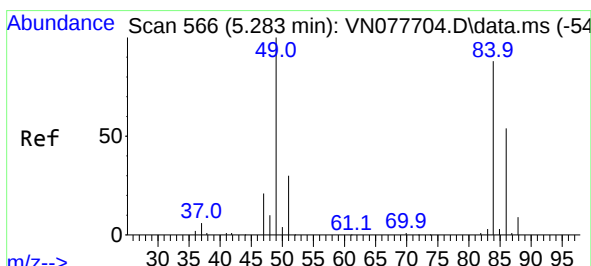
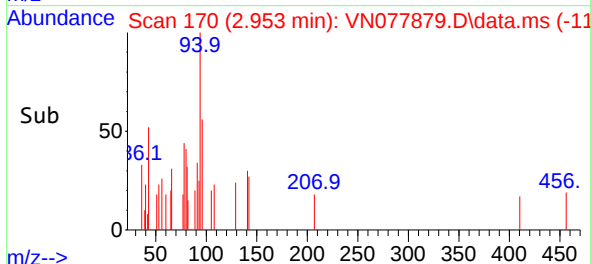
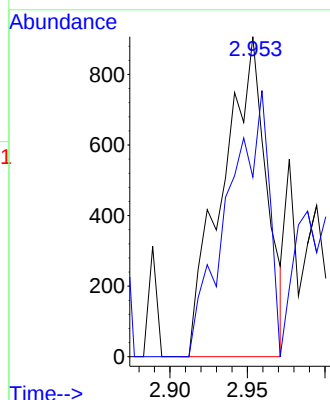
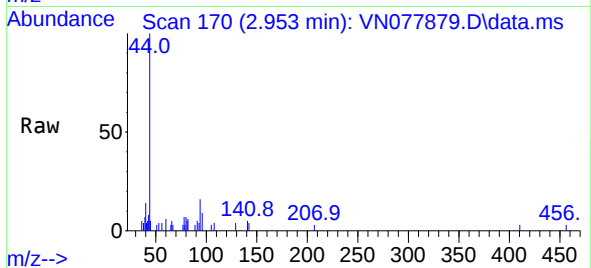




#5
Bromomethane
Concen: 0.400 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

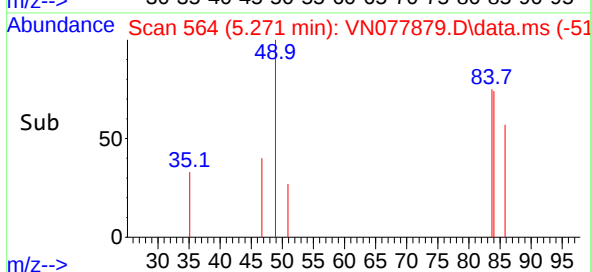
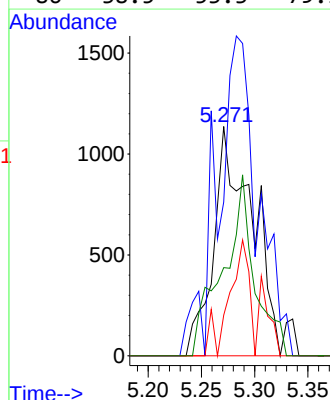
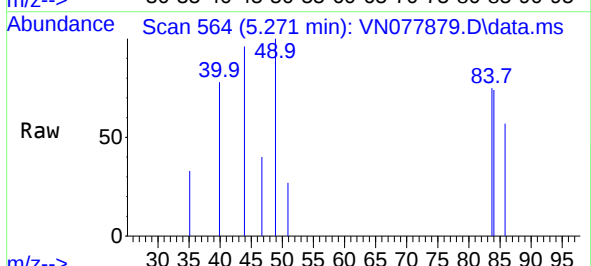
Instrument :
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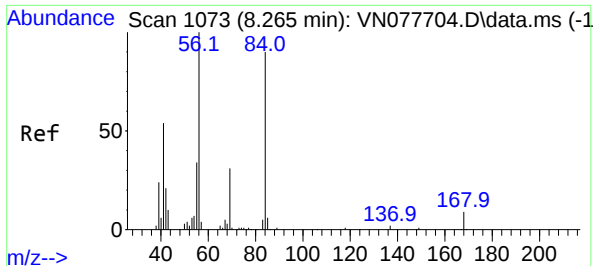
Tgt Ion: 94 Resp: 1796
Ion Ratio Lower Upper
94 100
96 56.1 73.1 109.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

Tgt Ion: 84 Resp: 2872
Ion Ratio Lower Upper
84 100
49 67.1 79.7 119.5#
51 17.8 25.2 37.8#
86 38.5 53.3 79.9#





#31

Cyclohexane

Concen: 1.143 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

Lab File: VN077879.D

Acq: 25 May 2023 04:11

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-38-051823

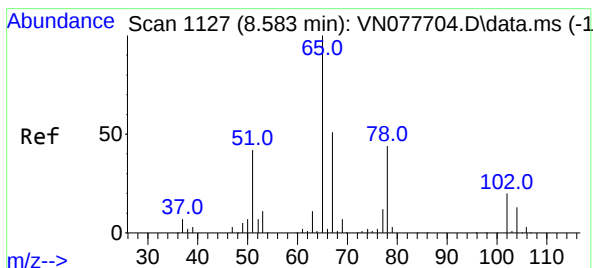
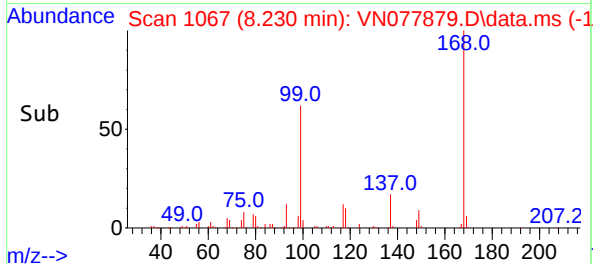
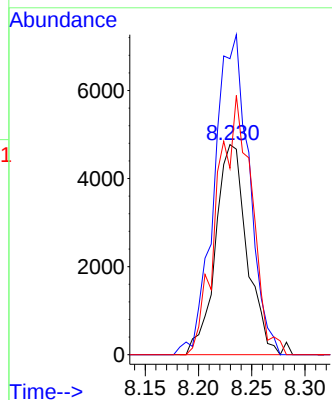
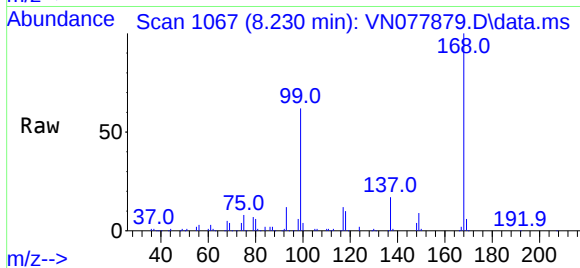
Tgt Ion: 56 Resp: 9824

Ion Ratio Lower Upper

56 100

69 140.9 26.8 40.2#

84 88.7 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 44.306 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077879.D

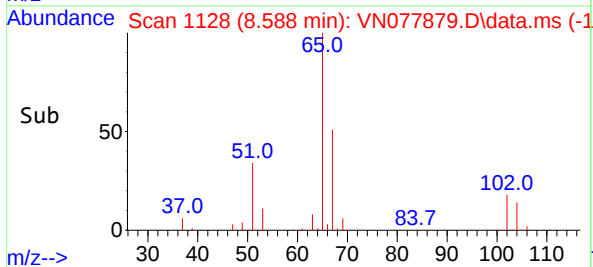
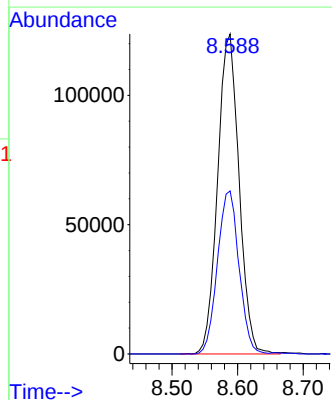
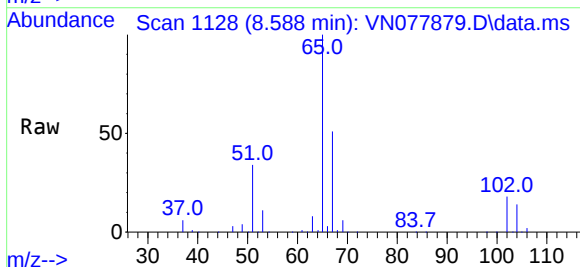
Acq: 25 May 2023 04:11

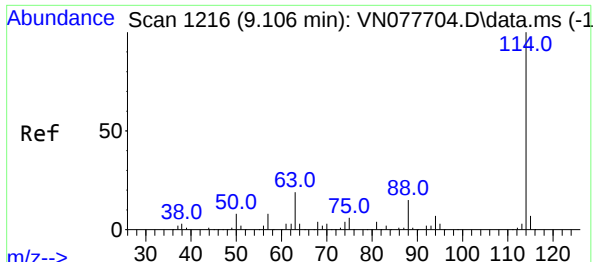
Tgt Ion: 65 Resp: 280234

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.6

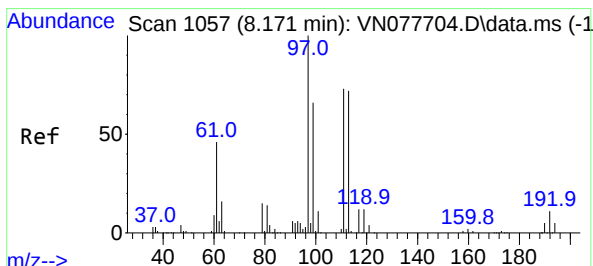
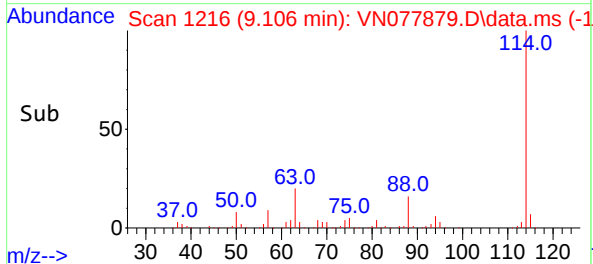
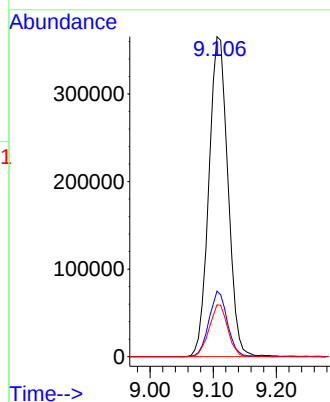
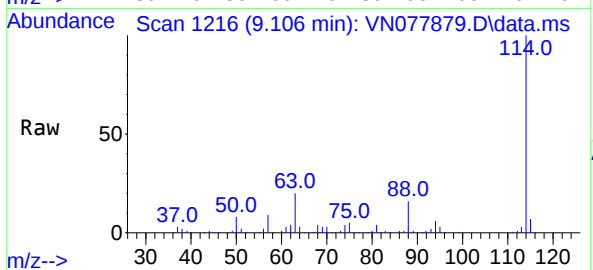




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

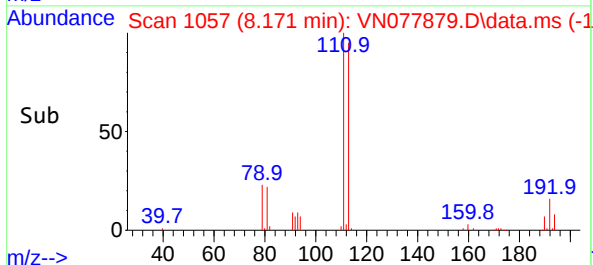
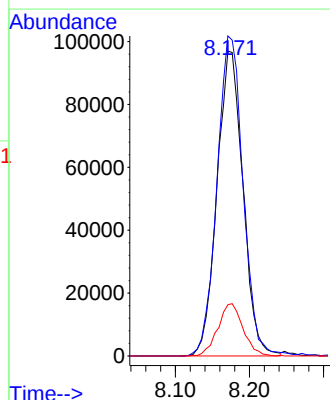
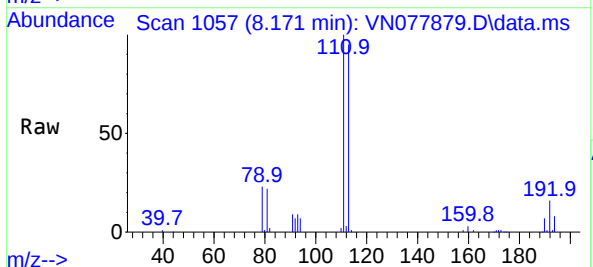
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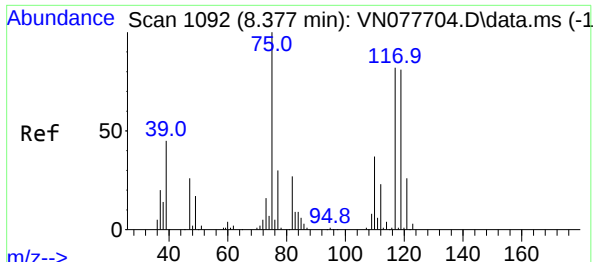
Tgt Ion:114 Resp: 764818
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.257 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

Tgt Ion:113 Resp: 235682
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 16.6 12.7 19.1

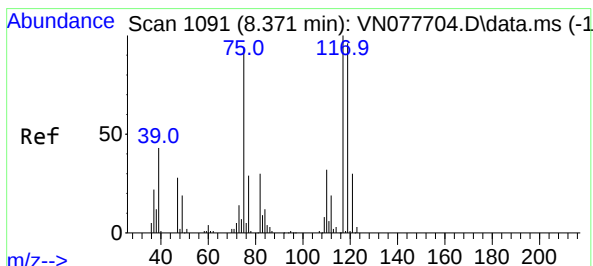
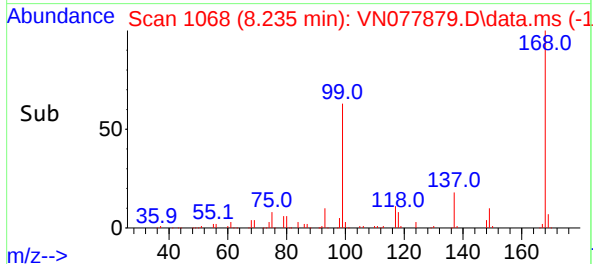
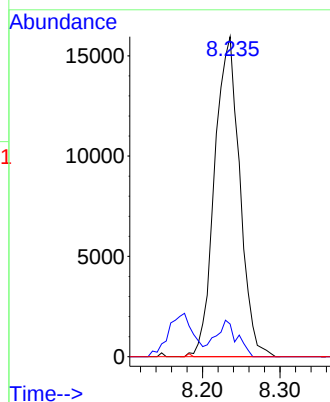
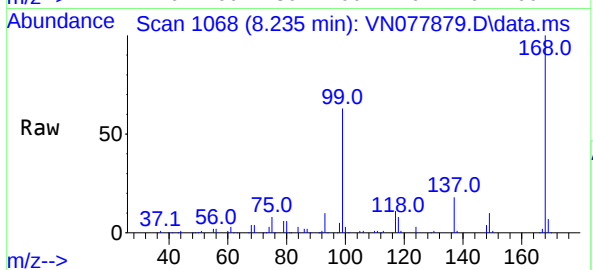




#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

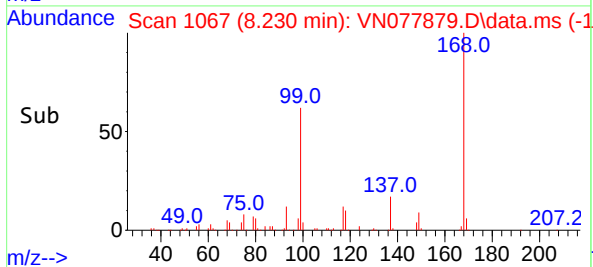
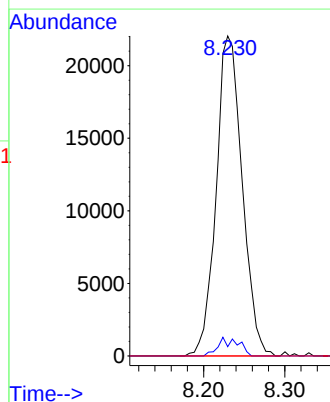
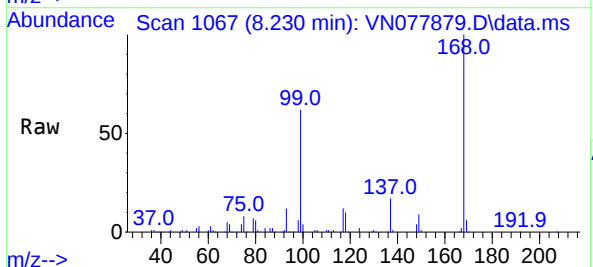
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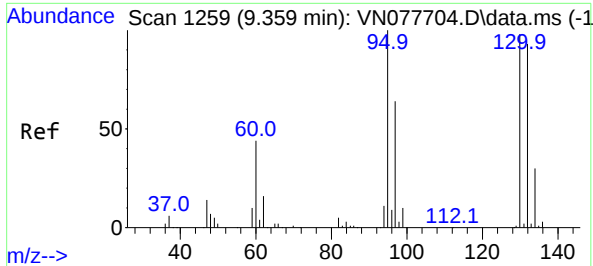
Tgt Ion: 75 Resp: 35937
Ion Ratio Lower Upper
75 100
110 9.8 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.665 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

Tgt Ion: 117 Resp: 49095
Ion Ratio Lower Upper
117 100
119 2.9 77.3 115.9#
121 0.0 23.3 34.9#

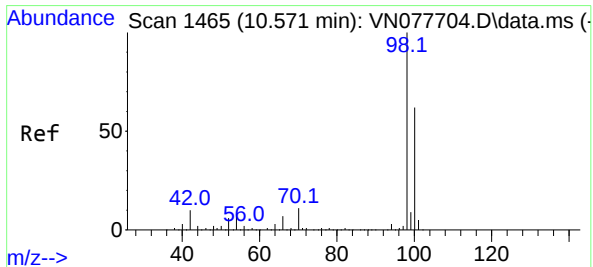
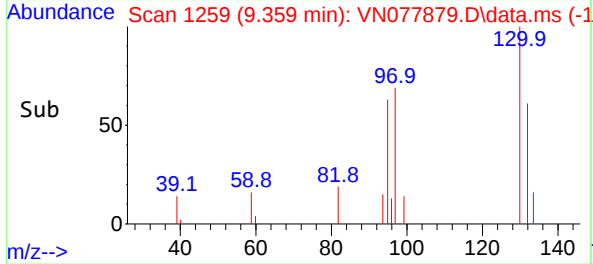
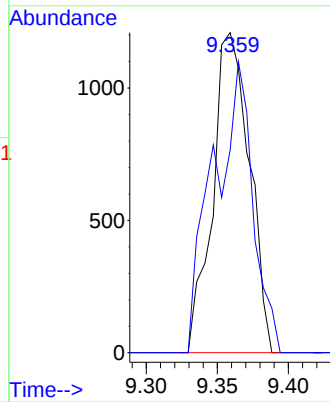
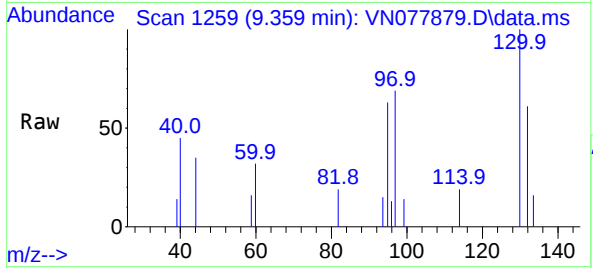




#44
Trichloroethene
Concen: 0.399 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

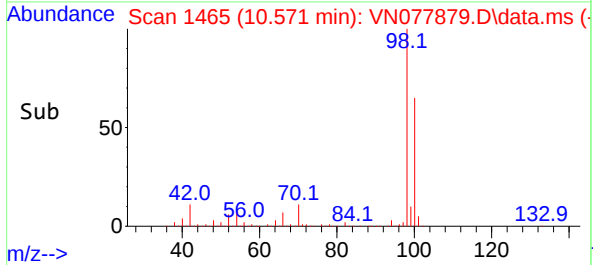
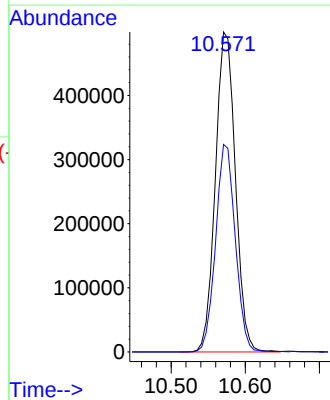
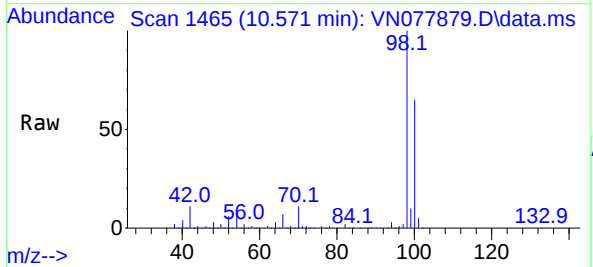
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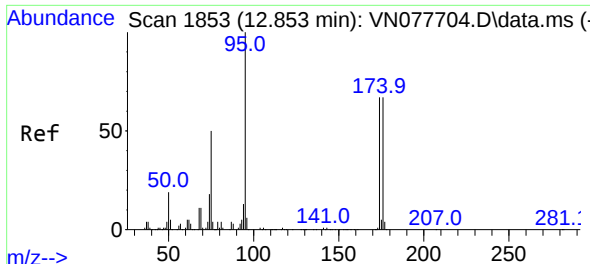
Tgt Ion:130 Resp: 2173
Ion Ratio Lower Upper
130 100
95 63.3 0.0 204.6



#50
Toluene-d8
Concen: 48.732 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

Tgt Ion: 98 Resp: 935491
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

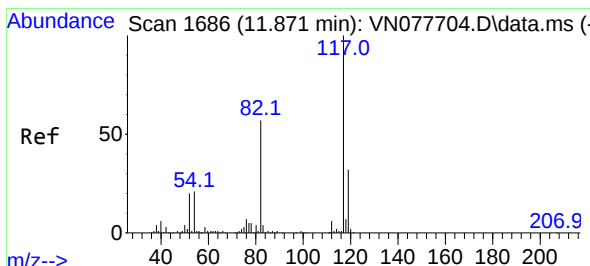
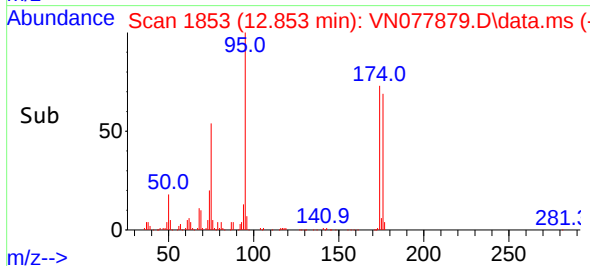
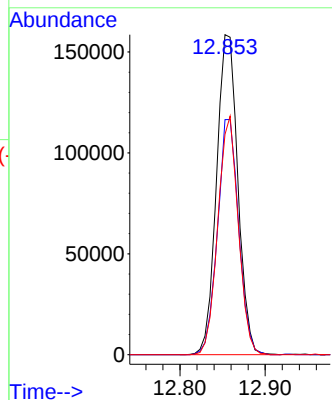
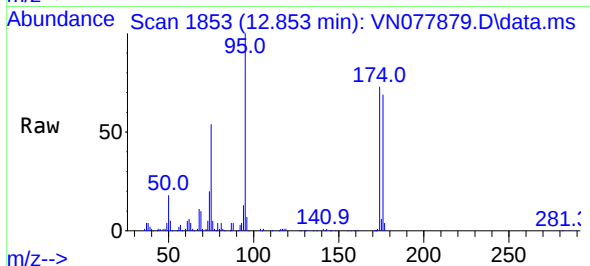




#62
4-Bromofluorobenzene
Concen: 40.603 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

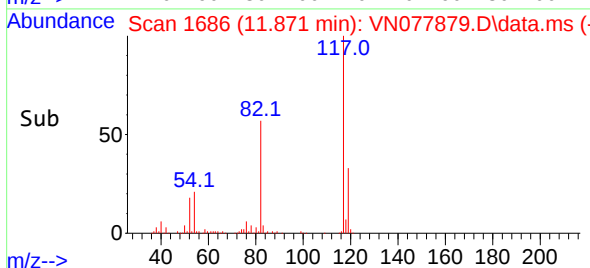
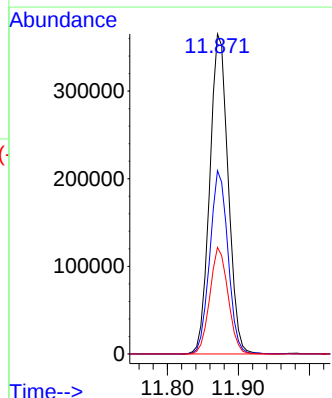
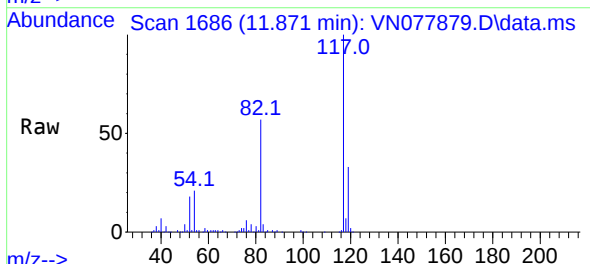
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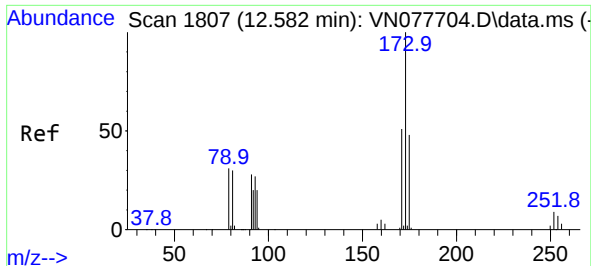
Tgt Ion: 95 Resp: 275283
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 71.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

Tgt Ion: 117 Resp: 656085
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 33.3 25.6 38.4

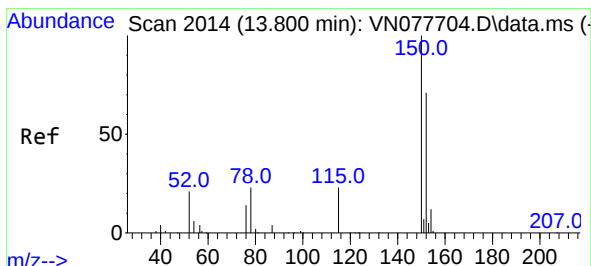
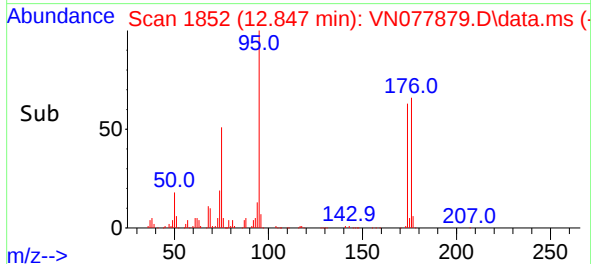
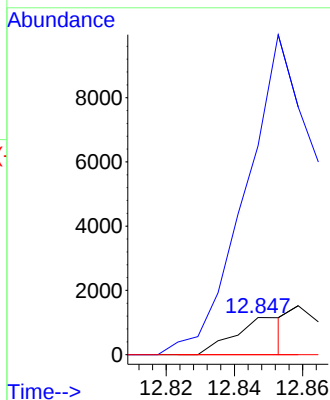
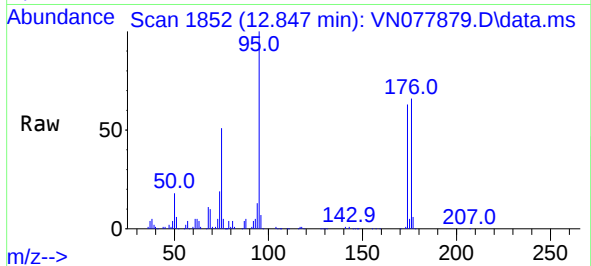




#71
Bromoform
Concen: 0.361 ug/l
RT: 12.847 min Scan# 1182
Delta R.T. 0.265 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

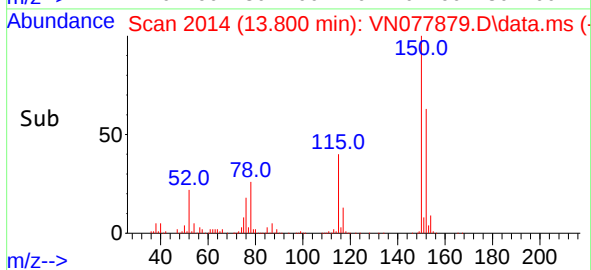
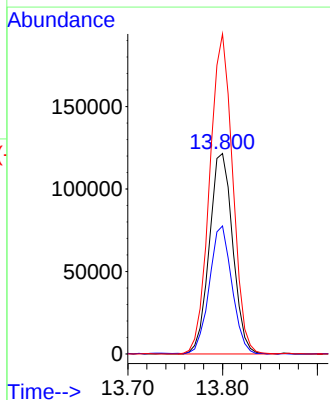
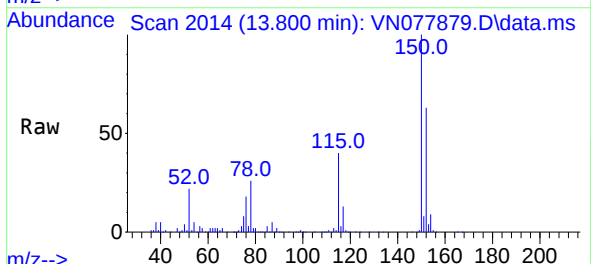
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-38-051823

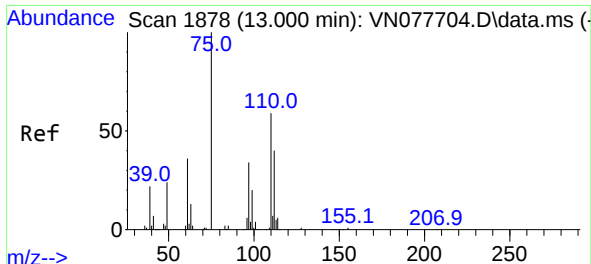
Tgt Ion:173 Resp: 1182
Ion Ratio Lower Upper
173 100
175 938.6 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

Tgt Ion:152 Resp: 208349
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 156.9 0.0 355.8

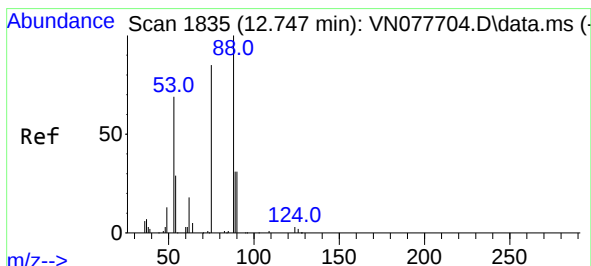
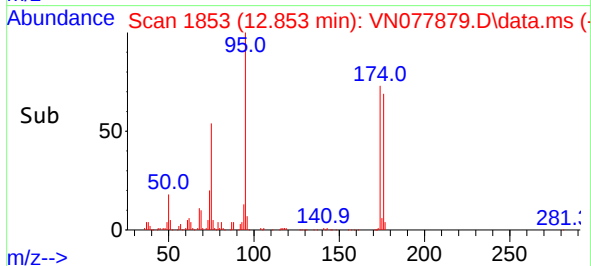
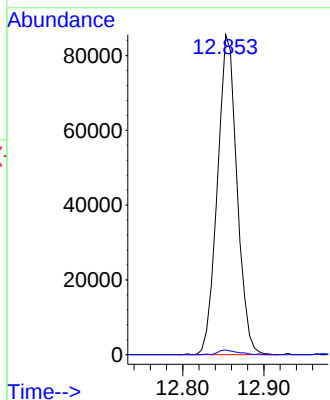
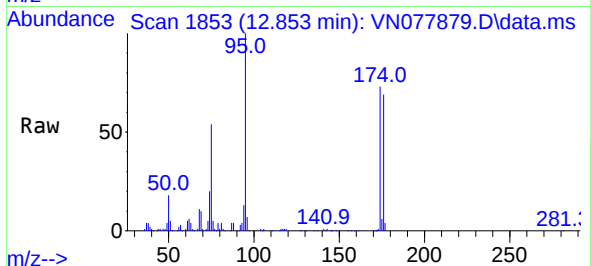




#76
1,2,3-Trichloropropane
Concen: 27.495 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

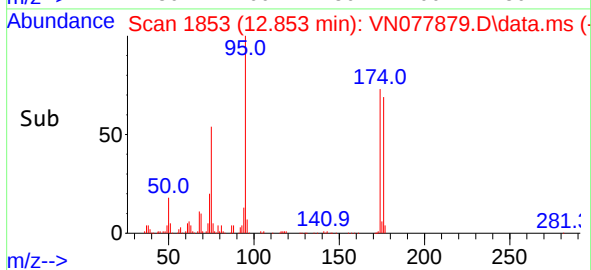
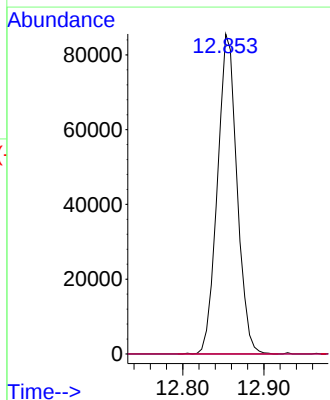
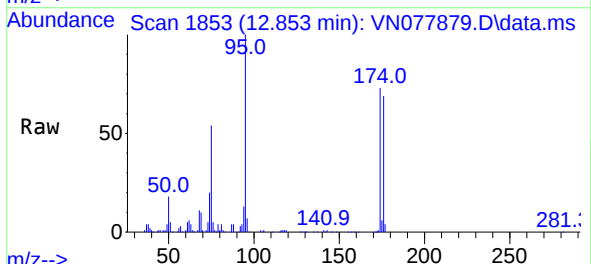
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-38-051823

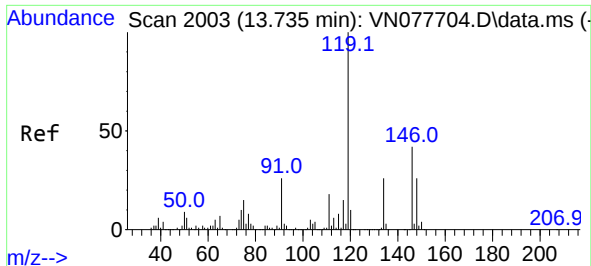
Tgt Ion: 75 Resp: 143464
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.889 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

Tgt Ion: 75 Resp: 143464
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

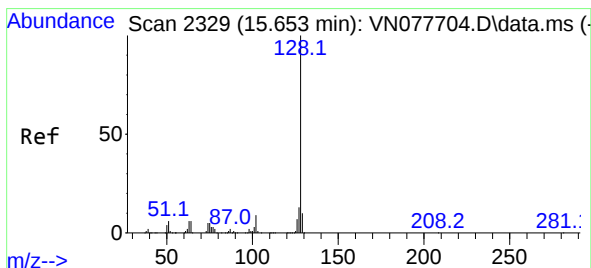
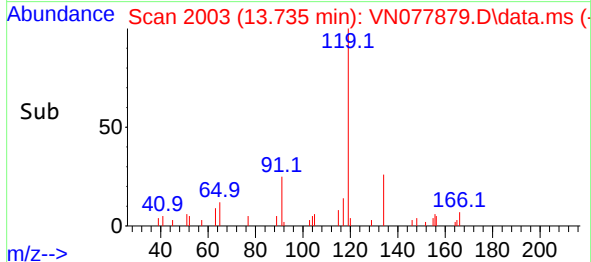
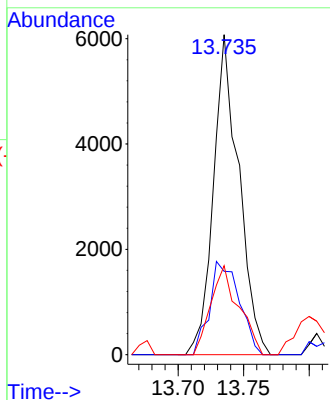
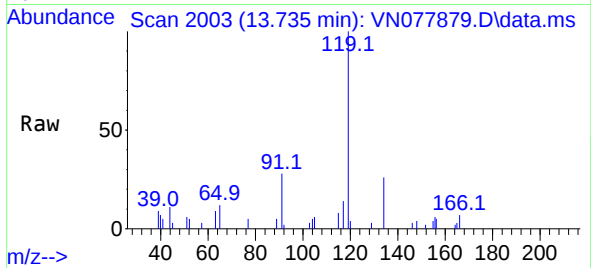




#86
p-Isopropyltoluene
Concen: 0.548 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-38-051823

Tgt Ion:	119	Resp:	8181
Ion	Ratio	Lower	Upper
119	100		
134	34.1	12.6	37.8
91	30.8	12.4	37.2



#95
Naphthalene
Concen: 0.324 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077879.D
Acq: 25 May 2023 04:11

Tgt Ion:	128	Resp:	4615
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.0	15.0
129	7.8	8.7	13.1

