

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075147.D
 Acq On : 03 Nov 2022 16:25
 Operator : JC\MD
 Sample : N5395-26
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-13-103122

Quant Time: Nov 04 04:11:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

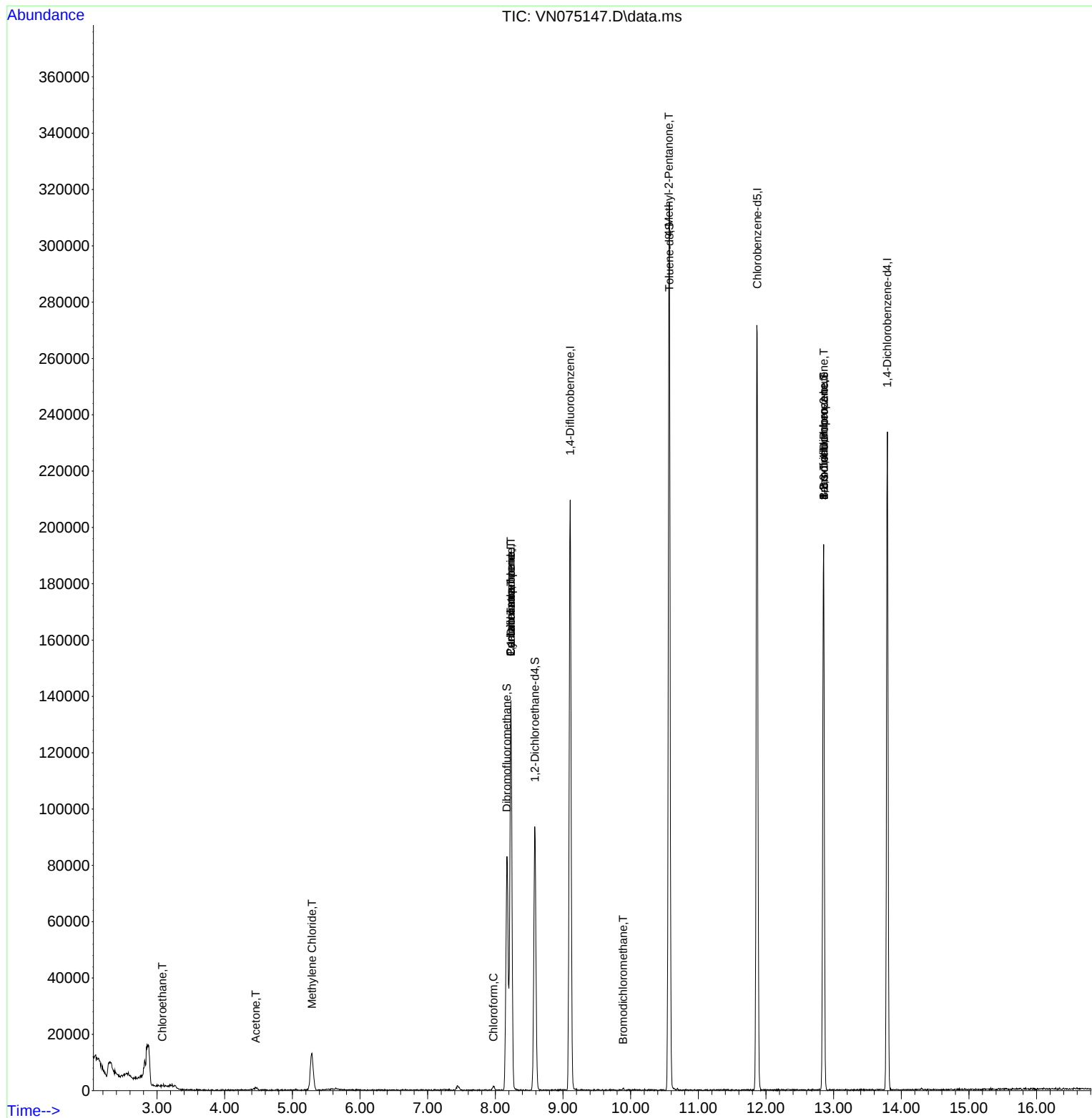
Internal Standards						
1) Pentafluorobenzene	8.230	168	93649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	179936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	154198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	58145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	75733	60.019	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.040%	
35) Dibromofluoromethane	8.171	113	58299	55.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.380%	
50) Toluene-d8	10.571	98	214614	52.368	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.740%	
62) 4-Bromofluorobenzene	12.853	95	63379	44.025	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.040%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.889	94	53	Below Cal	#	5
6) Chloroethane	3.077	64	741	0.560	ug/l #	45
16) Acetone	4.459	43	1871	3.502	ug/l	97
20) Methylene Chloride	5.289	84	11031	9.260	ug/l	90
30) Chloroform	7.971	83	1557	0.709	ug/l #	80
31) Cyclohexane	8.230	56	2290	1.220	ug/l #	43
36) 1,1-Dichloropropene	8.230	75	8238	5.037	ug/l #	48
38) Carbon Tetrachloride	8.230	117	10601	5.893	ug/l #	17
47) Bromodichloromethane	9.888	83	500	0.278	ug/l #	90
51) 4-Methyl-2-Pentanone	10.565	43	897	0.500	ug/l #	1
71) Bromoform	12.853	173	600	0.656	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	35422	28.692	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	35422	73.651	ug/l #	10

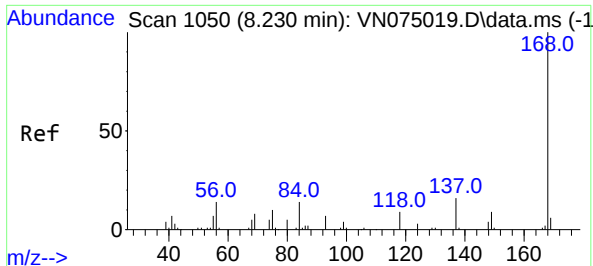
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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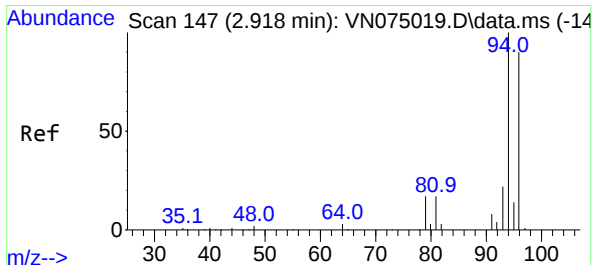
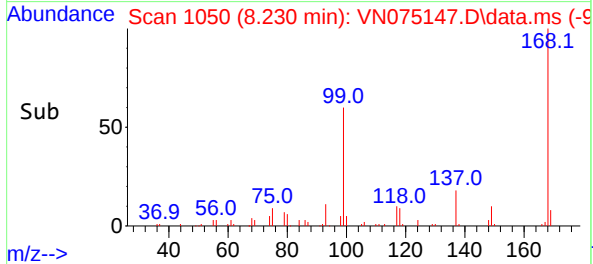
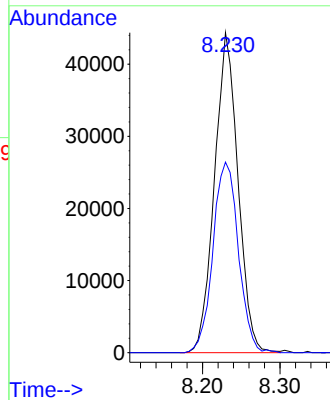
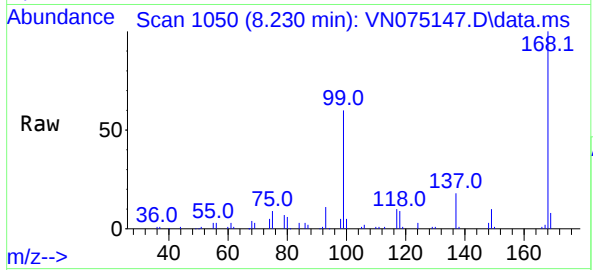




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

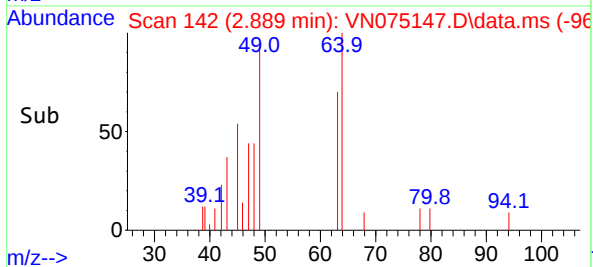
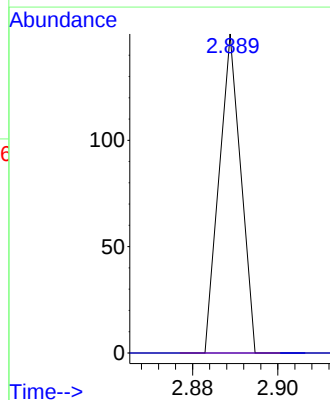
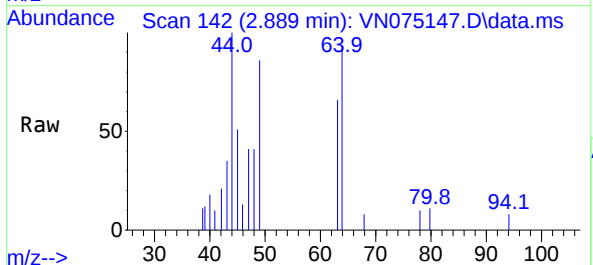
Instrument :
MSVOA_N
ClientSampleId :
S-13-103122

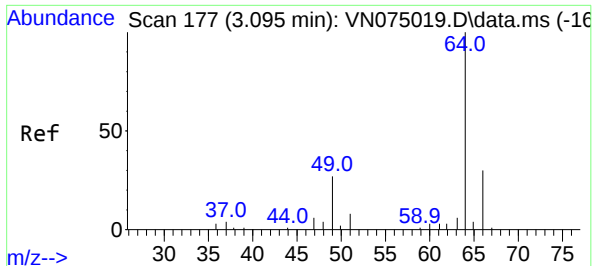
Tgt Ion:168 Resp: 93649
Ion Ratio Lower Upper
168 100
99 59.6 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.889 min Scan# 142
Delta R.T. -0.029 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

Tgt Ion: 94 Resp: 53
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

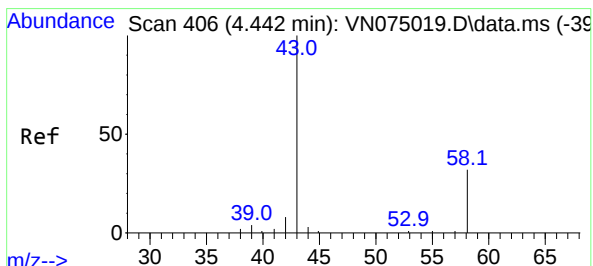
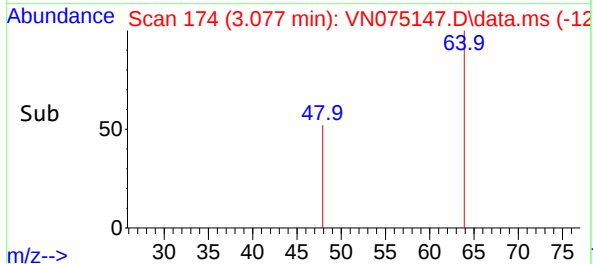
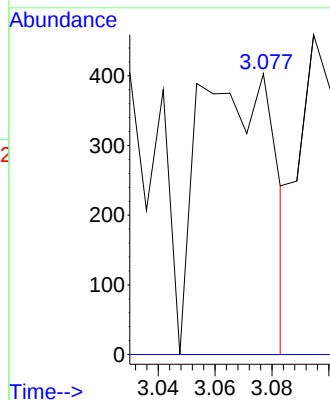
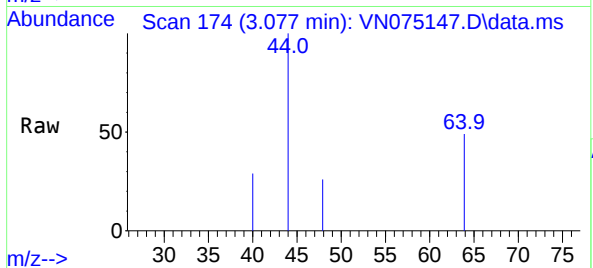




#6
Chloroethane
Concen: 0.560 ug/l
RT: 3.077 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

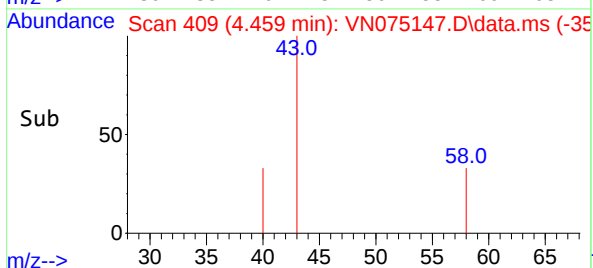
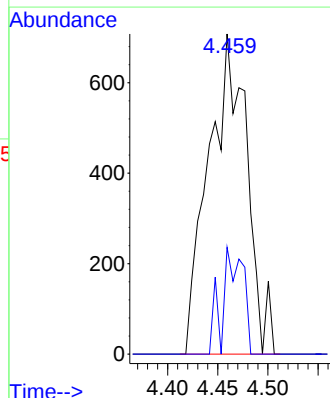
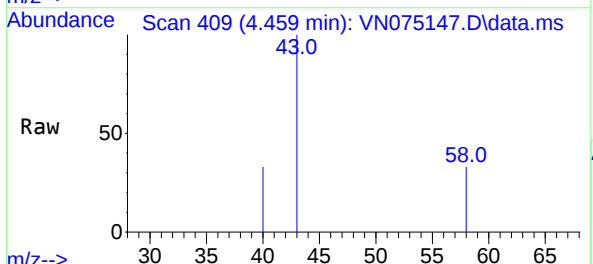
Instrument :
MSVOA_N
ClientSampleId :
S-13-103122

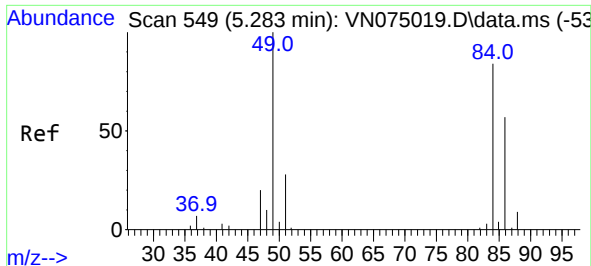
Tgt Ion: 64 Resp: 741
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#16
Acetone
Concen: 3.502 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

Tgt Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
58 33.3 25.5 38.3



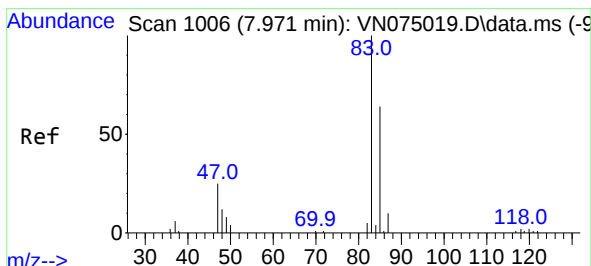
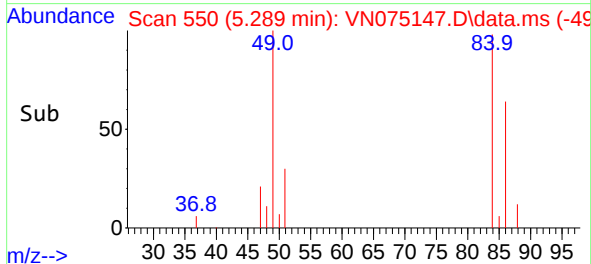
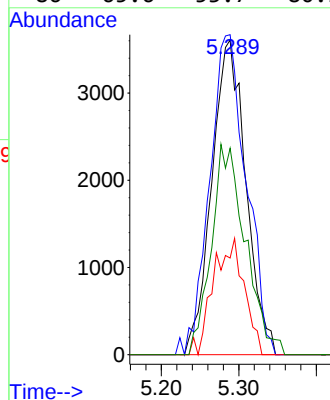
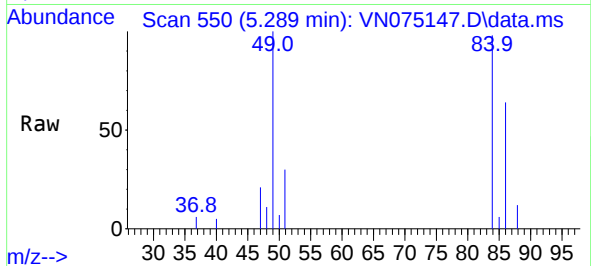


#20
Methylene Chloride
Concen: 9.260 ug/l
RT: 5.289 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
S-13-103122

Tgt Ion: 84 Resp: 11031

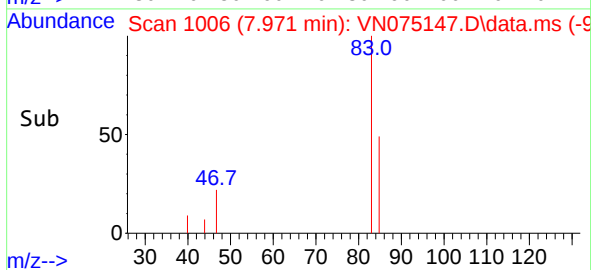
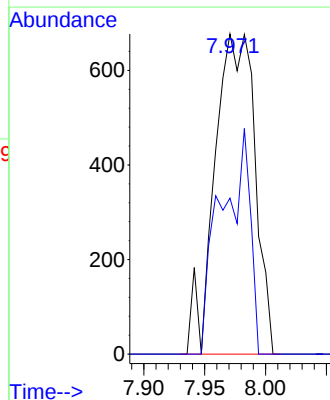
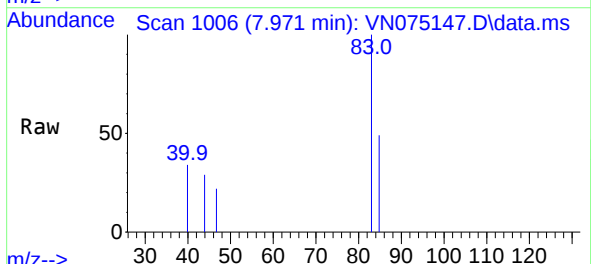
Ion	Ratio	Lower	Upper
84	100		
49	101.7	94.9	142.3
51	30.7	26.8	40.2
86	65.6	53.7	80.5

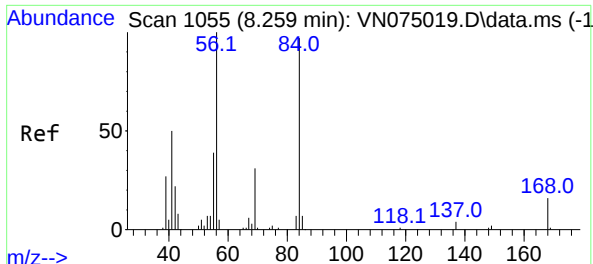


#30
Chloroform
Concen: 0.709 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

Tgt Ion: 83 Resp: 1557

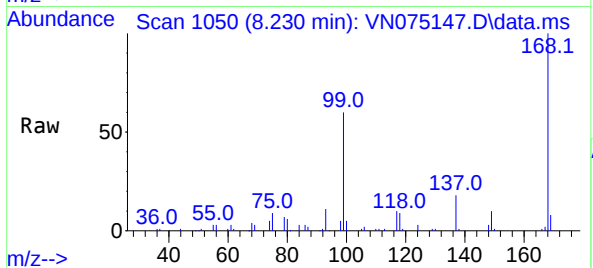
Ion	Ratio	Lower	Upper
83	100		
85	48.7	51.4	77.0#



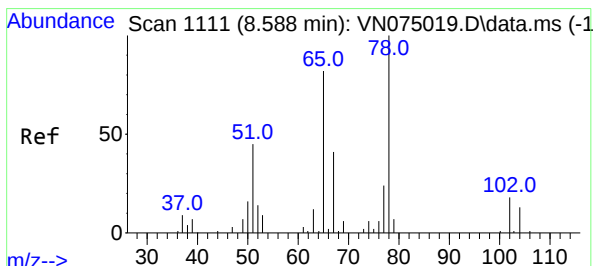
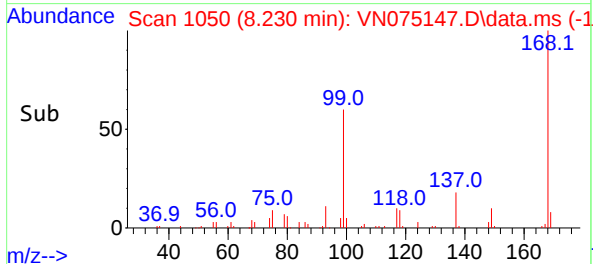
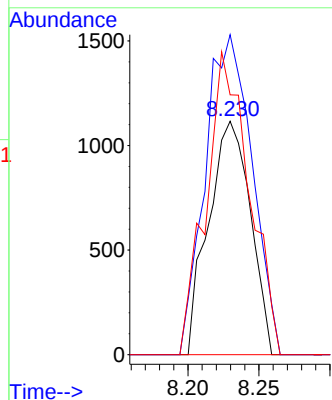


#31
Cyclohexane
Concen: 1.220 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

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MSVOA_N
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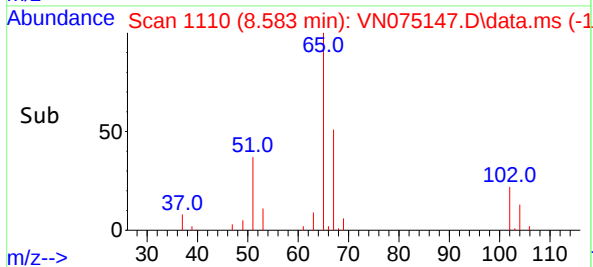
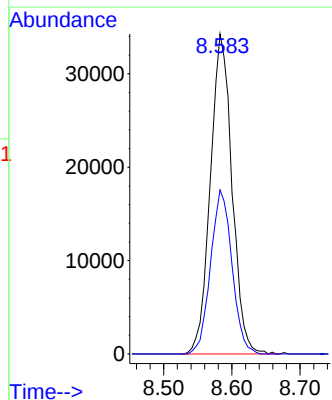
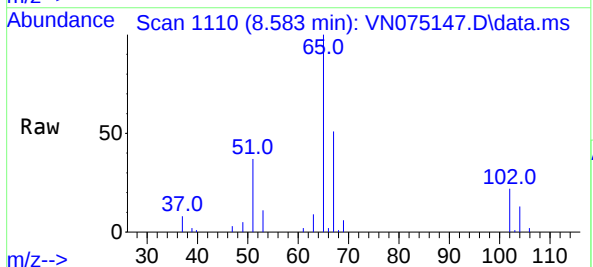


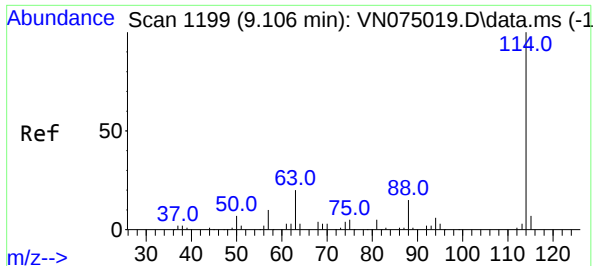
Tgt Ion: 56 Resp: 2290
Ion Ratio Lower Upper
56 100
69 137.1 25.2 37.8#
84 111.3 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 60.019 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

Tgt Ion: 65 Resp: 75733
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.0

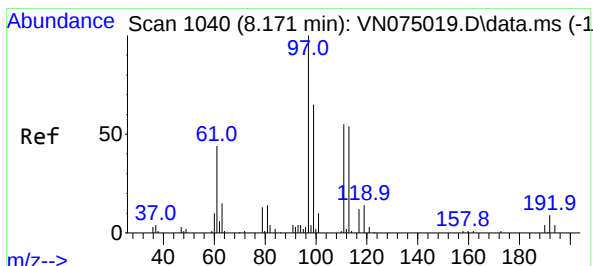
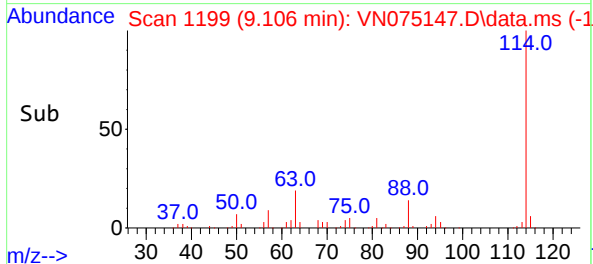
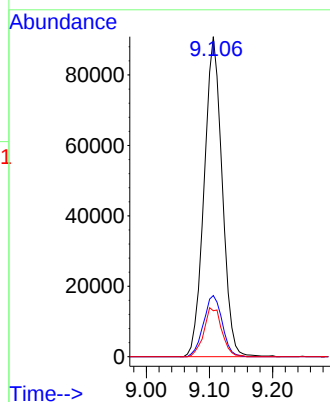
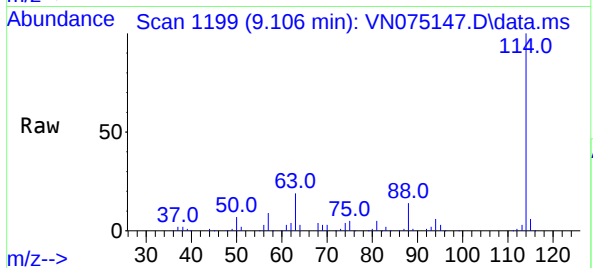




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

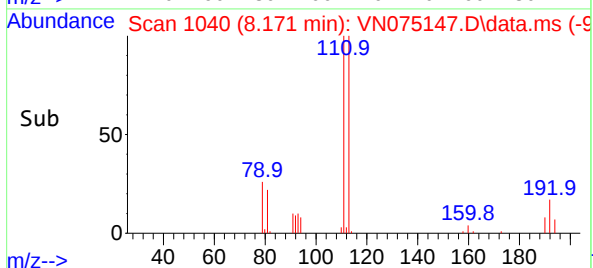
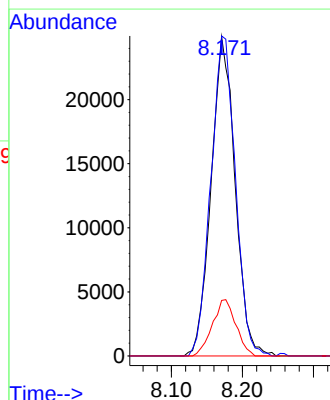
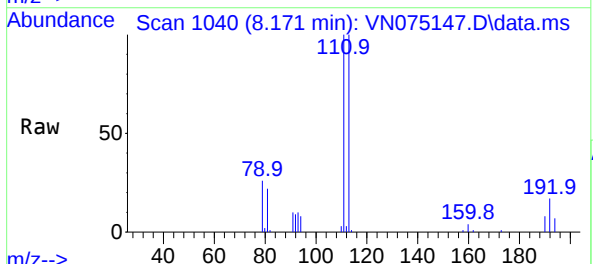
Instrument :
MSVOA_N
ClientSampleId :
S-13-103122

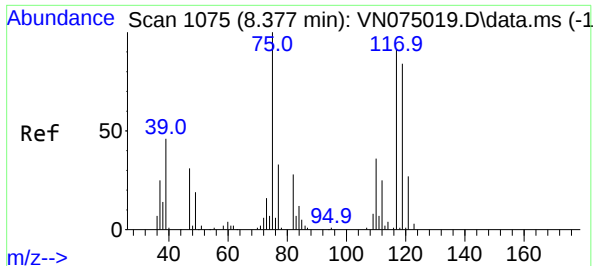
Tgt Ion:114 Resp: 179936
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 14.4 0.0 29.0



#35
Dibromofluoromethane
Concen: 55.191 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

Tgt Ion:113 Resp: 58299
Ion Ratio Lower Upper
113 100
111 102.5 80.5 120.7
192 17.3 13.2 19.8

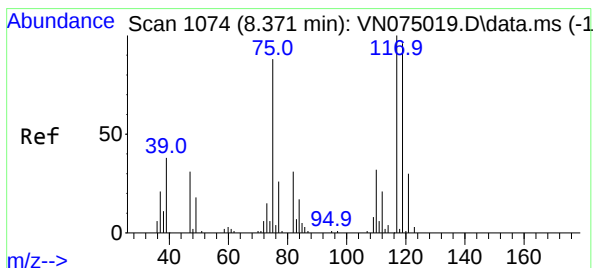
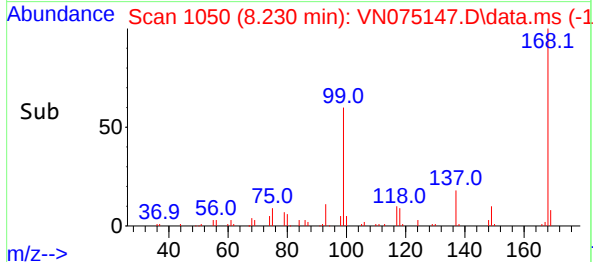
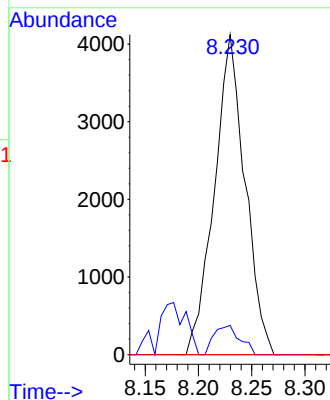
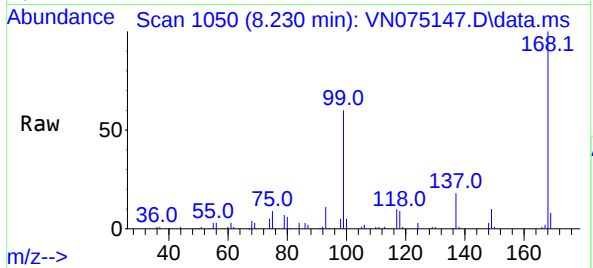




#36
 1,1-Dichloropropene
 Concen: 5.037 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.147 min
 Lab File: VN075147.D
 Acq: 03 Nov 2022 16:25

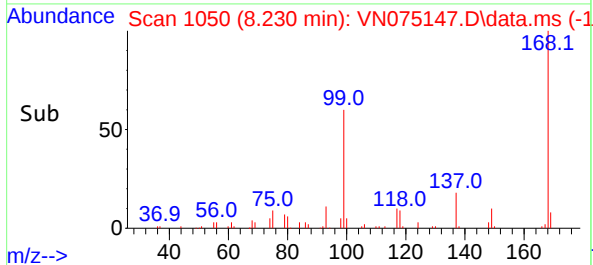
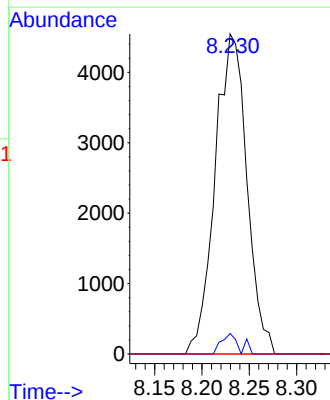
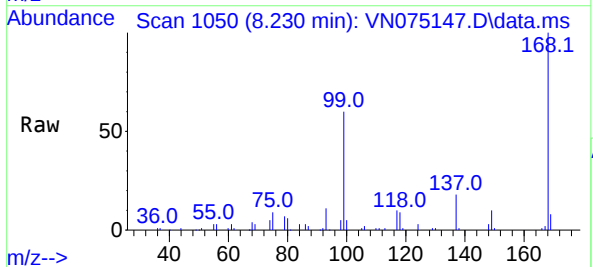
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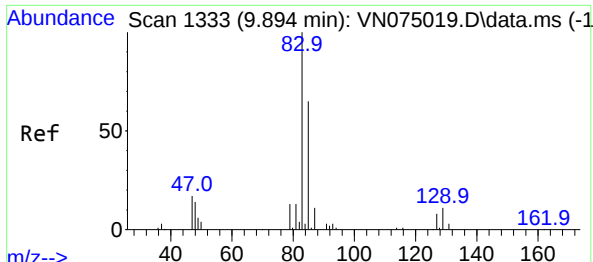
Tgt Ion: 75 Resp: 8238
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.8 53.3#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.893 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.141 min
 Lab File: VN075147.D
 Acq: 03 Nov 2022 16:25

Tgt Ion: 117 Resp: 10601
 Ion Ratio Lower Upper
 117 100
 119 6.4 76.7 115.1#
 121 0.0 23.9 35.9#

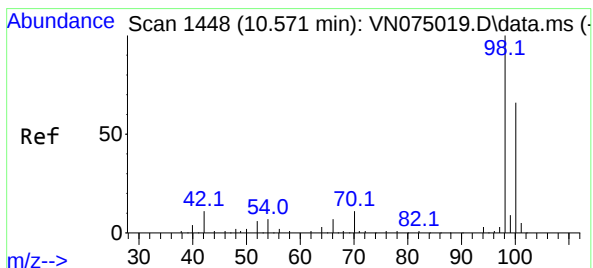
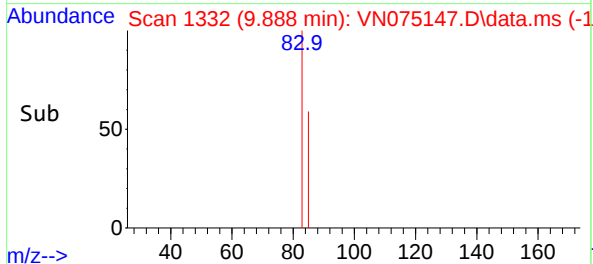
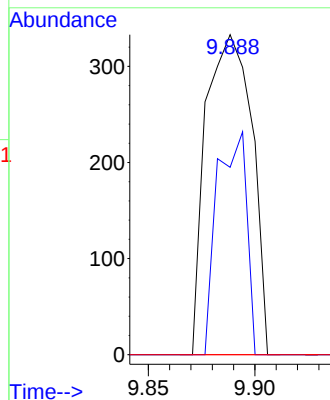
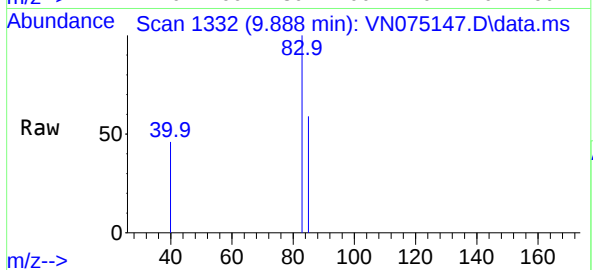




#47
Bromodichloromethane
Concen: 0.278 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

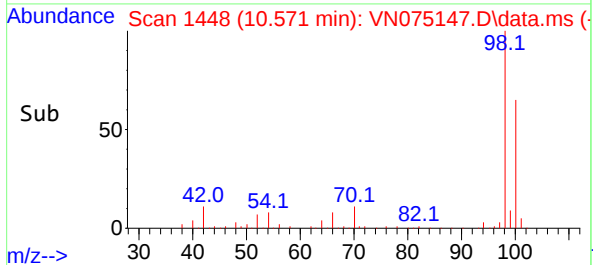
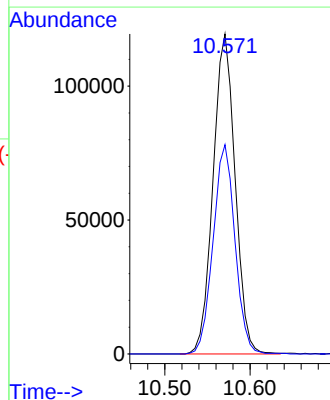
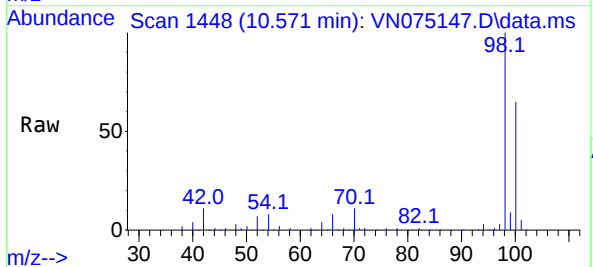
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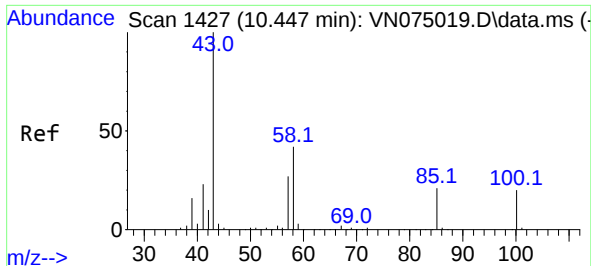
Tgt Ion: 83 Resp: 500
Ion Ratio Lower Upper
83 100
85 58.6 52.1 78.1
127 0.0 6.6 10.0#



#50
Toluene-d8
Concen: 52.368 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

Tgt Ion: 98 Resp: 214614
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6

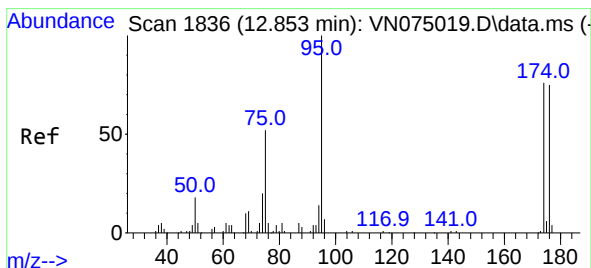
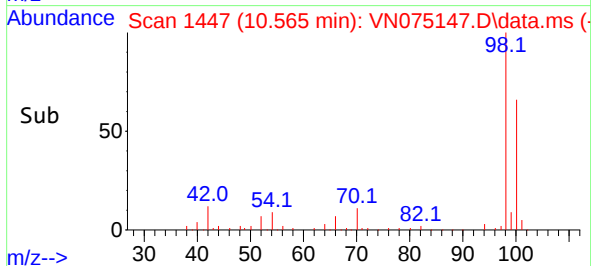
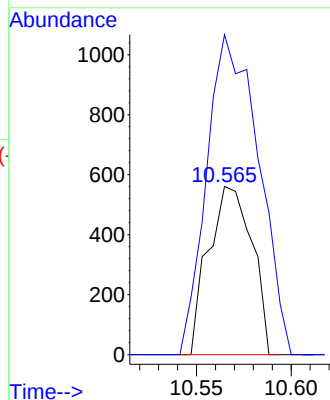
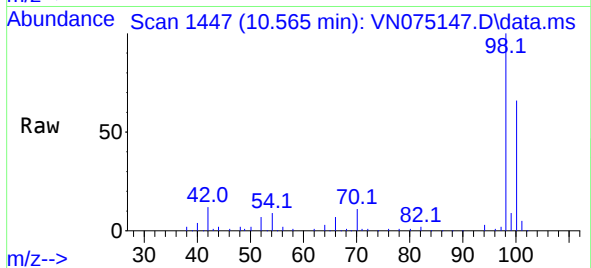




#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

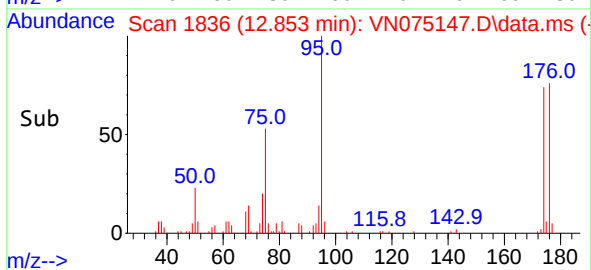
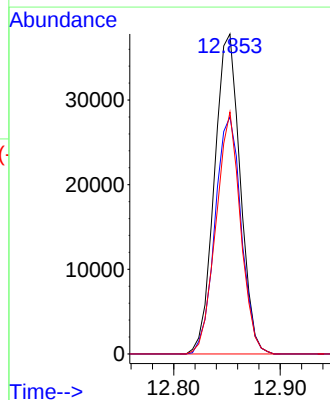
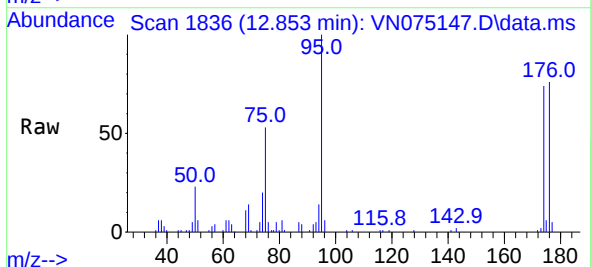
Instrument :
MSVOA_N
ClientSampleId :
S-13-103122

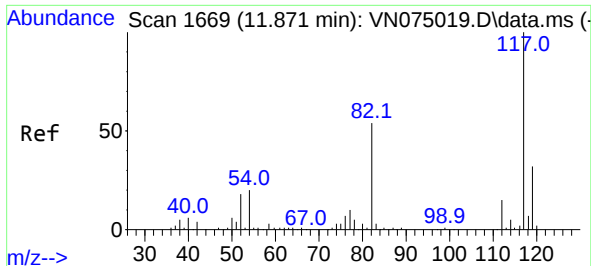
Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
58 226.0 33.6 50.4#



#62
4-Bromofluorobenzene
Concen: 44.025 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

Tgt Ion: 95 Resp: 63379
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.4
176 72.0 0.0 142.2

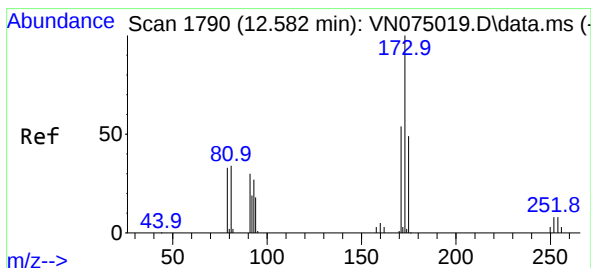
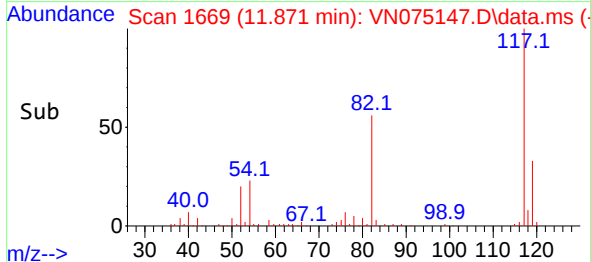
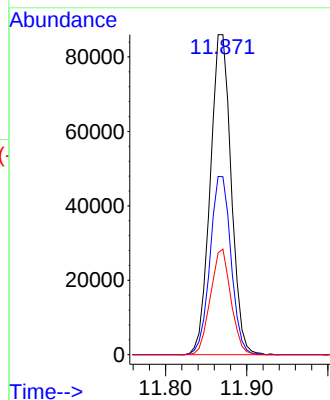
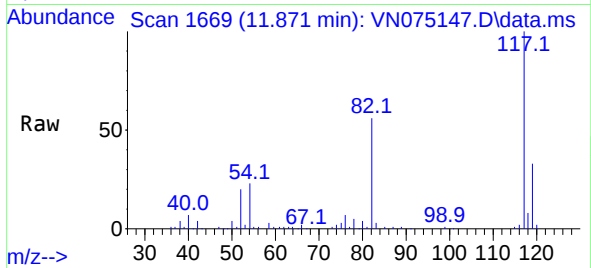




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

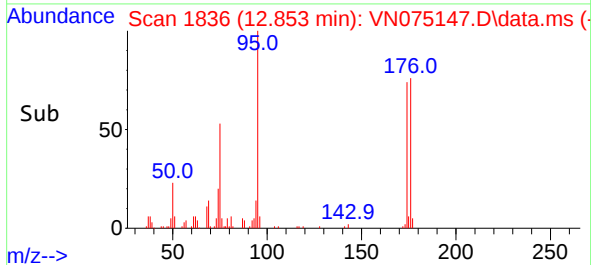
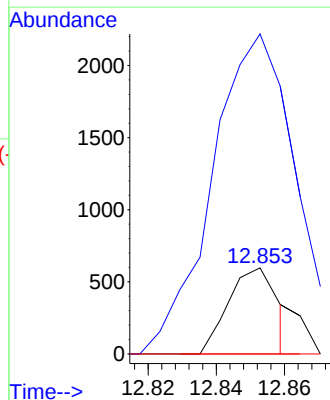
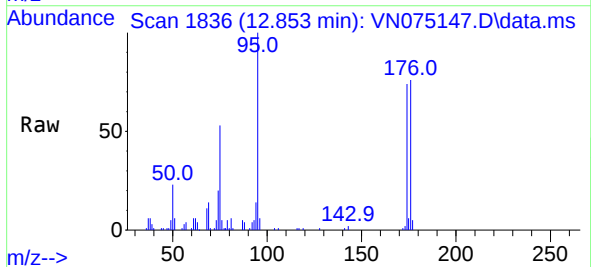
Instrument :
MSVOA_N
ClientSampleId :
S-13-103122

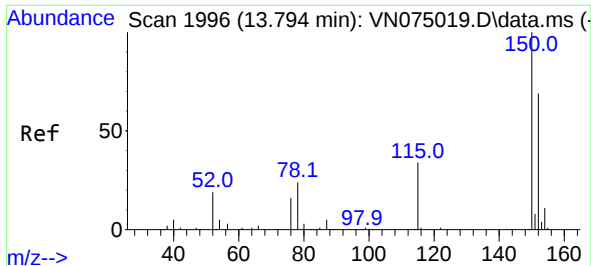
Tgt Ion:117 Resp: 154198
Ion Ratio Lower Upper
117 100
82 55.6 43.1 64.7
119 33.0 25.5 38.3



#71
Bromoform
Concen: 0.656 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

Tgt Ion:173 Resp: 600
Ion Ratio Lower Upper
173 100
175 528.0 24.6 74.0#
254 0.0 0.0 0.0

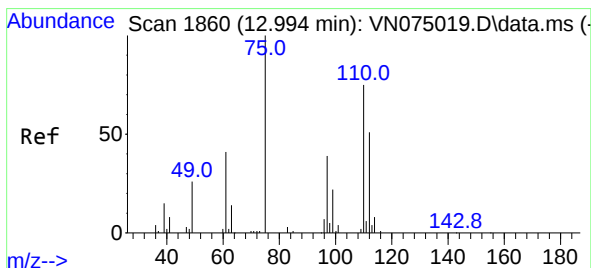
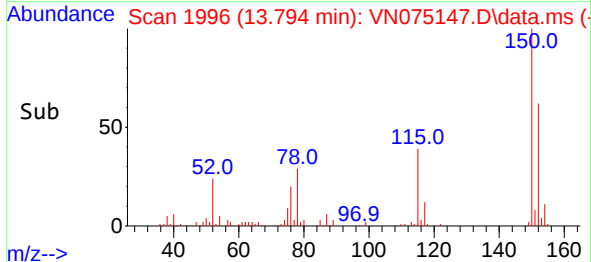
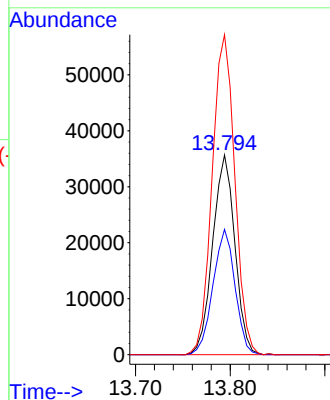
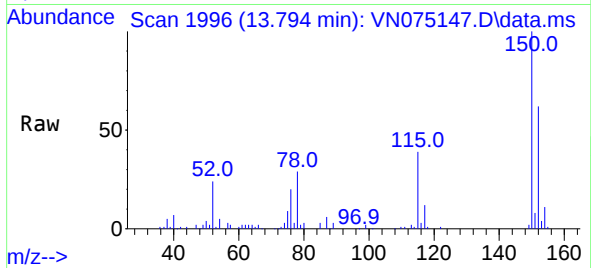




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

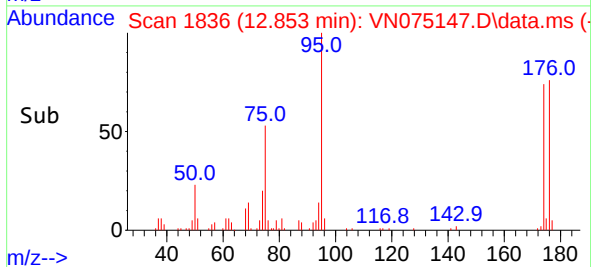
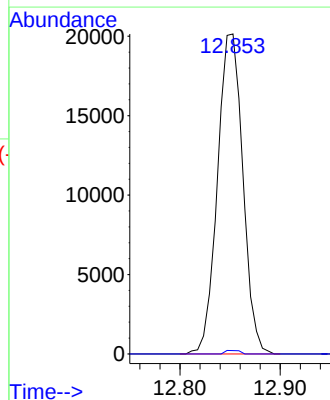
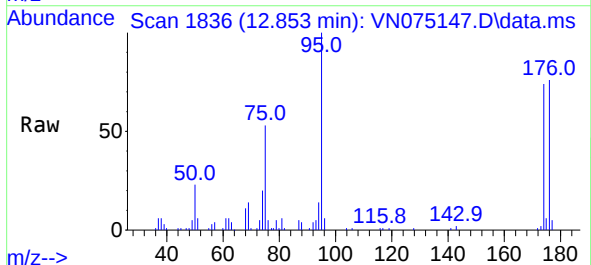
Instrument :
MSVOA_N
ClientSampleId :
S-13-103122

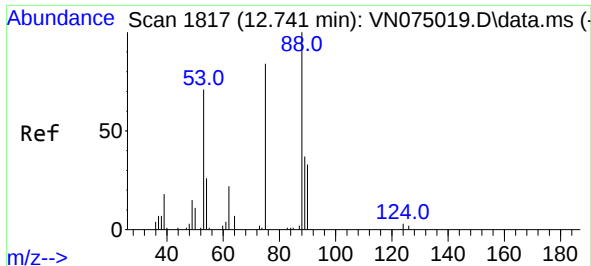
Tgt Ion:152 Resp: 58145
Ion Ratio Lower Upper
152 100
115 62.2 30.2 90.6
150 163.2 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 28.692 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

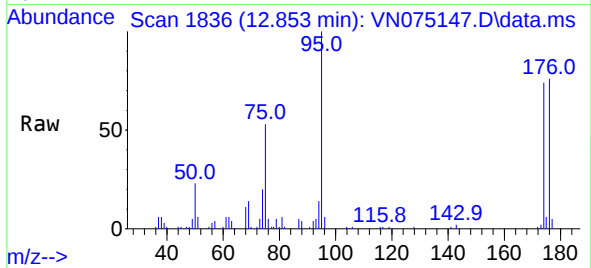
Tgt Ion: 75 Resp: 35422
Ion Ratio Lower Upper
75 100
77 0.6 75.6 226.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.651 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN075147.D
Acq: 03 Nov 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
S-13-103122



Tgt Ion: 75 Resp: 35422
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

