

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075046.D
 Acq On : 27 Oct 2022 17:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 02:15:28 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)

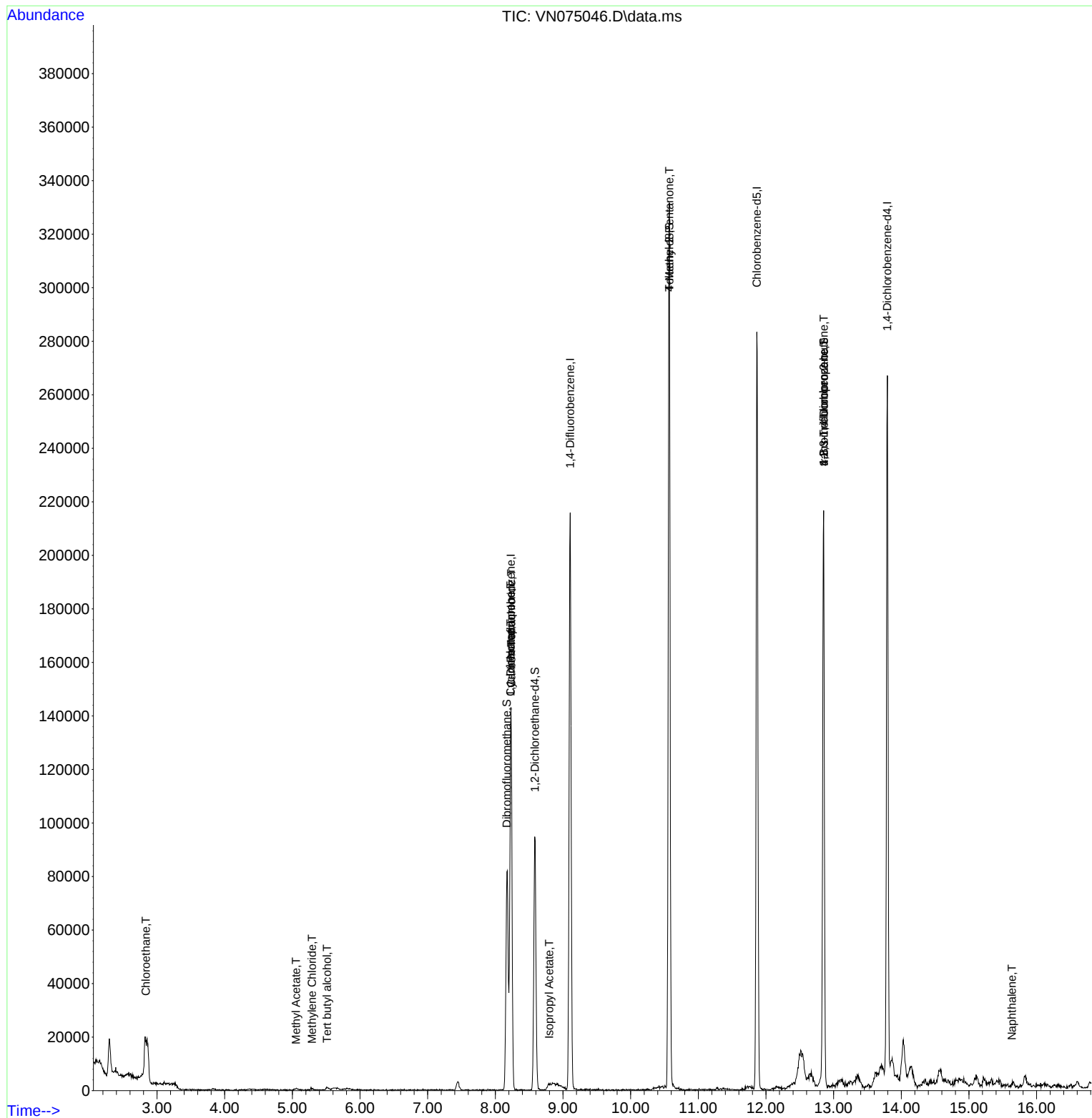
Internal Standards						
1) Pentafluorobenzene	8.230	168	101232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	186599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	161476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	76427	56.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.060%	
35) Dibromofluoromethane	8.171	113	58980	53.842	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.680%	
50) Toluene-d8	10.571	98	230516	54.239	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.480%	
62) 4-Bromofluorobenzene	12.853	95	71030	47.577	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.948	94	113	Below Cal	#	5
6) Chloroethane	2.836	64	17163	11.994	ug/l #	56
11) Tert butyl alcohol	5.512	59	568	1.786	ug/l #	72
18) Methyl Acetate	5.053	43	1306	0.692	ug/l #	57
20) Methylene Chloride	5.289	84	368	0.286	ug/l #	71
31) Cyclohexane	8.224	56	2172	1.071	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	9170	5.407	ug/l #	49
38) Carbon Tetrachloride	8.235	117	10636	5.701	ug/l #	16
43) Isopropyl Acetate	8.794	43	1757	0.609	ug/l #	53
51) 4-Methyl-2-Pentanone	10.571	43	998	0.536	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.959	83	62	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	39641	28.016	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	39641	71.916	ug/l #	10
95) Naphthalene	15.635	128	1326	0.349	ug/l #	69

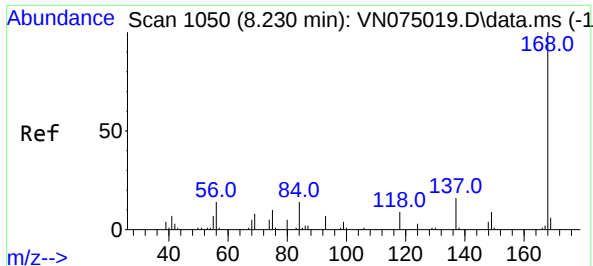
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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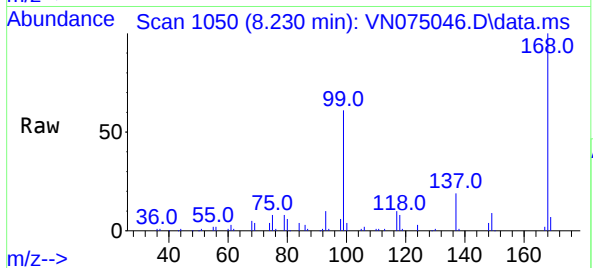
Quant Time: Oct 28 02:15:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
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QLast Update : Thu Oct 27 09:48:49 2022
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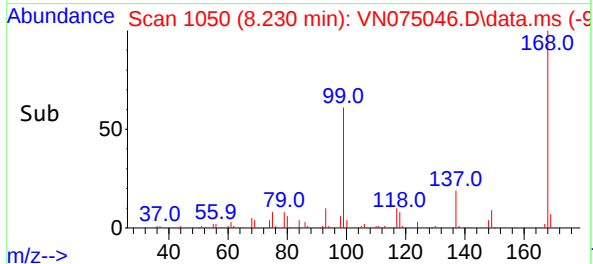
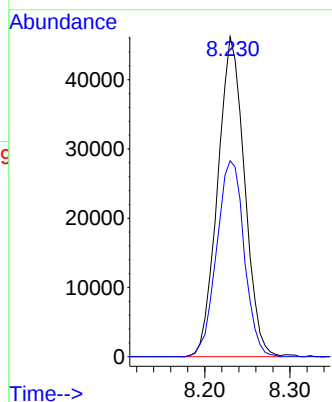


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :

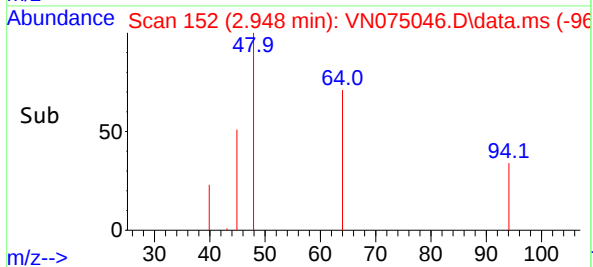
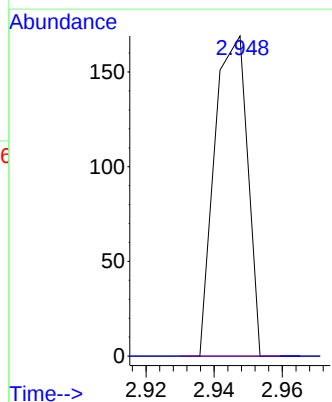
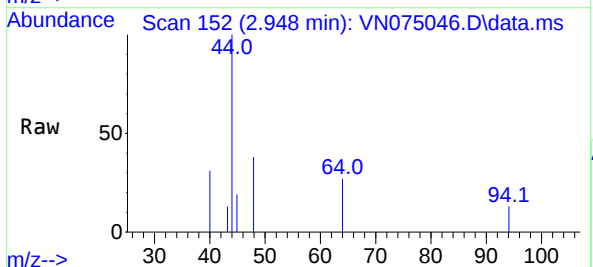


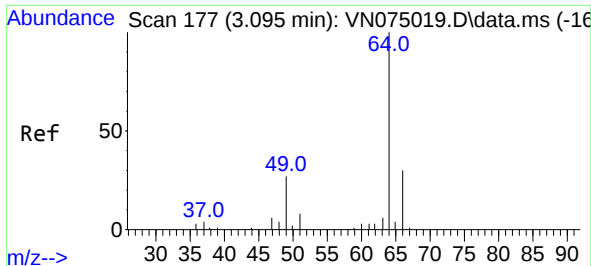
Tgt Ion:168 Resp: 101232
Ion Ratio Lower Upper
168 100
99 61.2 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.948 min Scan# 152
Delta R.T. 0.030 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

Tgt Ion: 94 Resp: 113
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

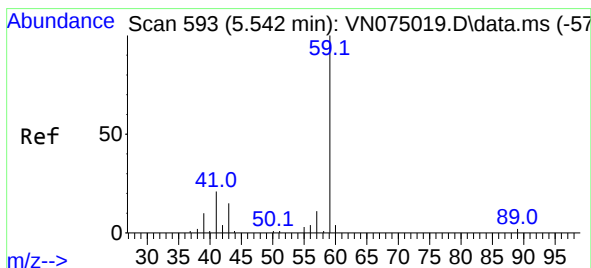
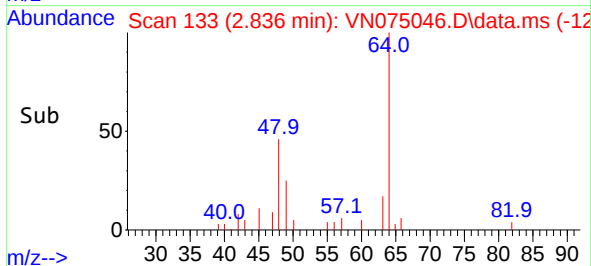
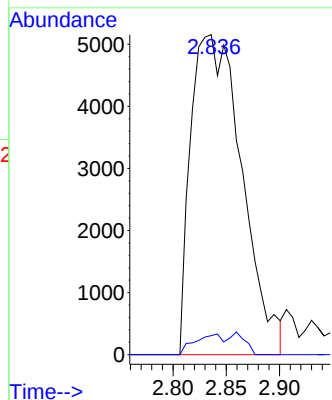
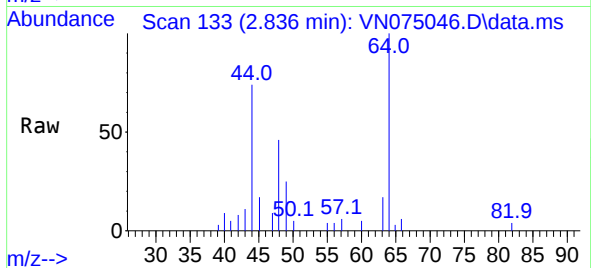




#6
Chloroethane
Concen: 11.994 ug/l
RT: 2.836 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

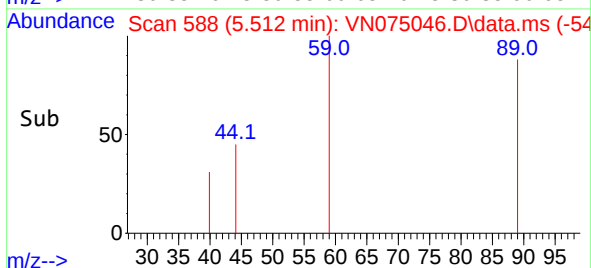
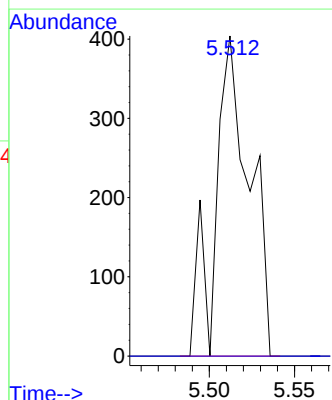
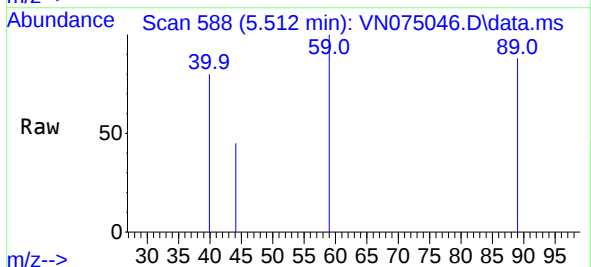
Instrument :
MSVOA_N
ClientSampleId :

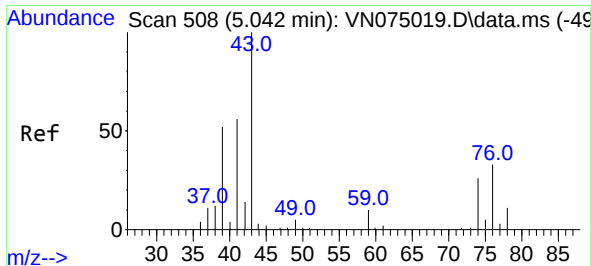
Tgt Ion: 64 Resp: 17163
Ion Ratio Lower Upper
64 100
66 6.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 1.786 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.030 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

Tgt Ion: 59 Resp: 568
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

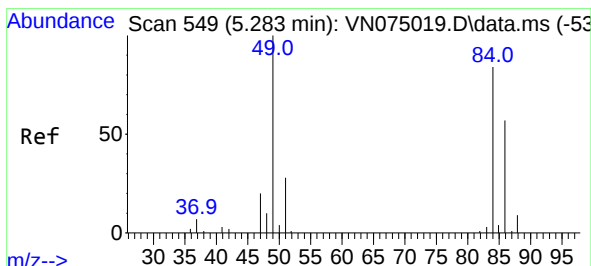
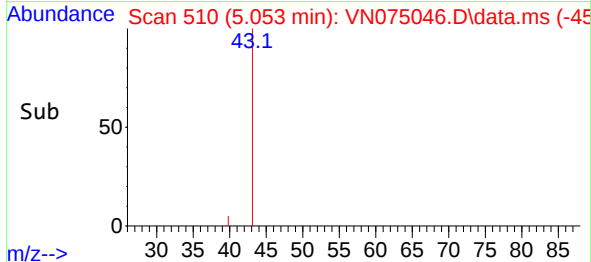
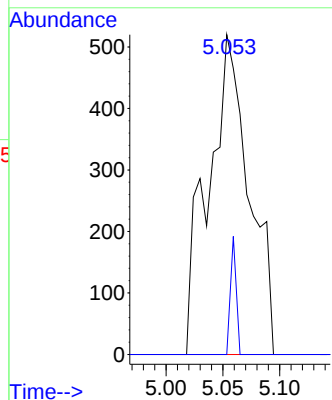
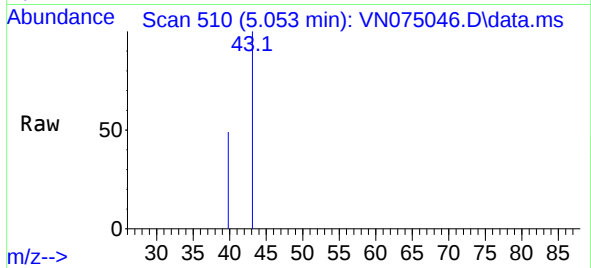




#18
Methyl Acetate
Concen: 0.692 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

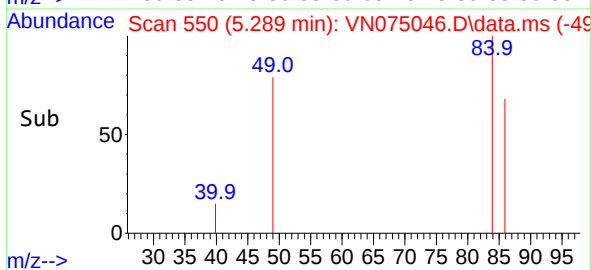
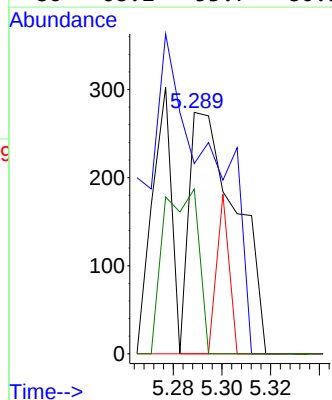
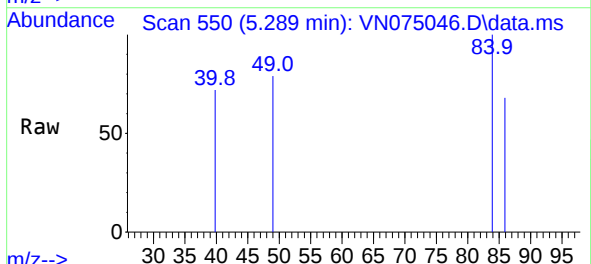
Instrument :
MSVOA_N
ClientSampleId :

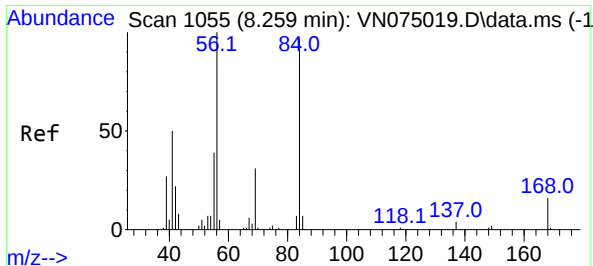
Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
74 5.2 22.0 33.0#



#20
Methylene Chloride
Concen: 0.286 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

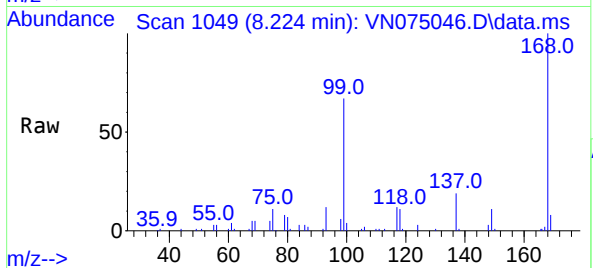
Tgt Ion: 84 Resp: 368
Ion Ratio Lower Upper
84 100
49 78.8 94.9 142.3#
51 0.0 26.8 40.2#
86 68.2 53.7 80.5



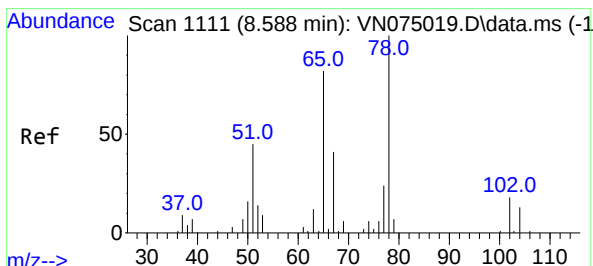
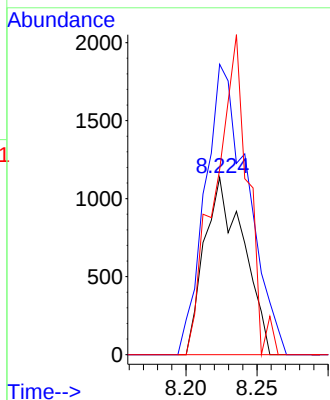
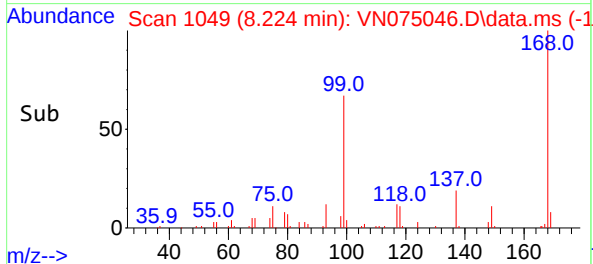


#31
Cyclohexane
Concen: 1.071 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :

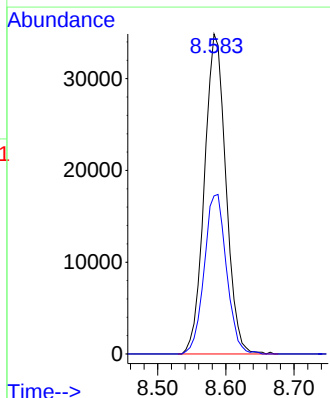
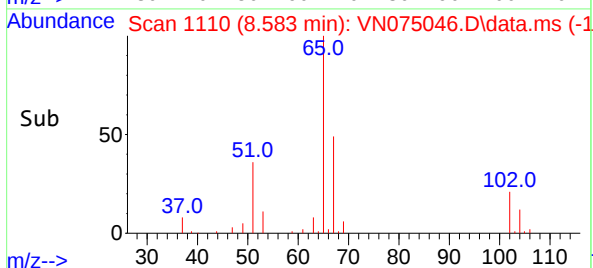
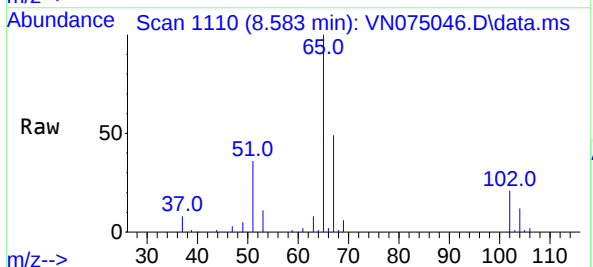


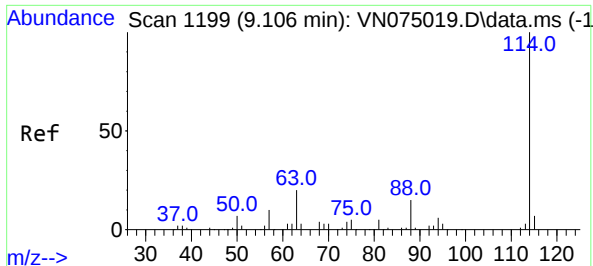
Tgt Ion: 56 Resp: 2172
Ion Ratio Lower Upper
56 100
69 163.8 25.2 37.8#
84 104.4 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 56.032 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

Tgt Ion: 65 Resp: 76427
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

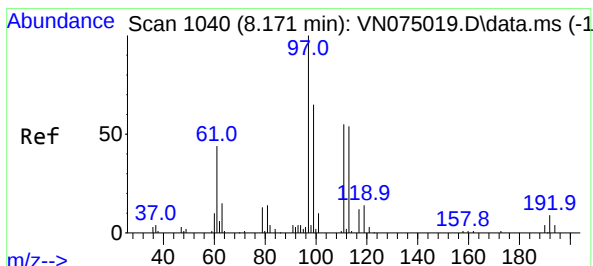
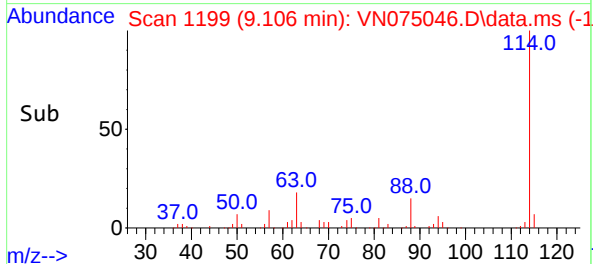
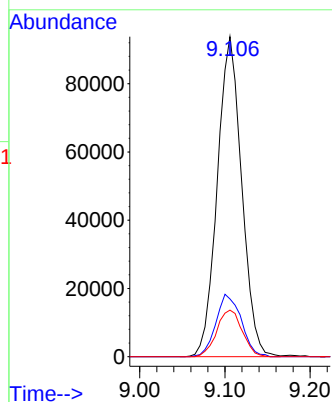
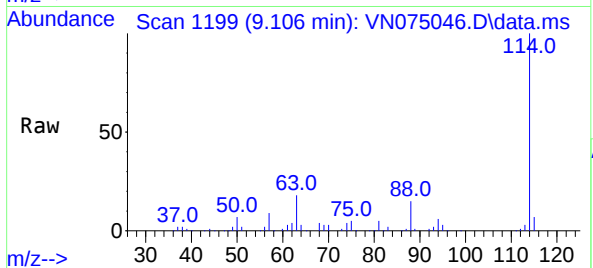




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

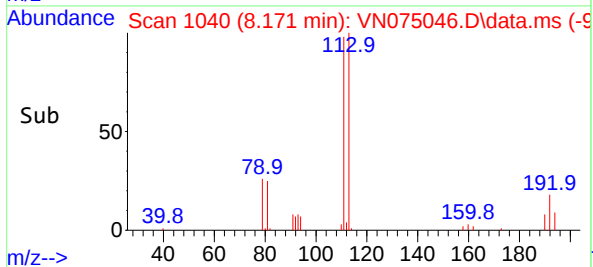
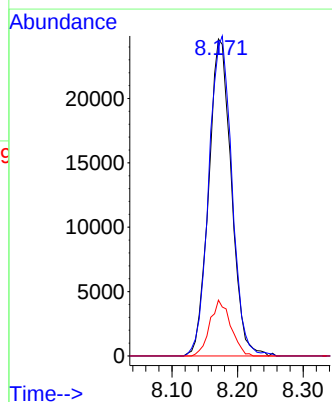
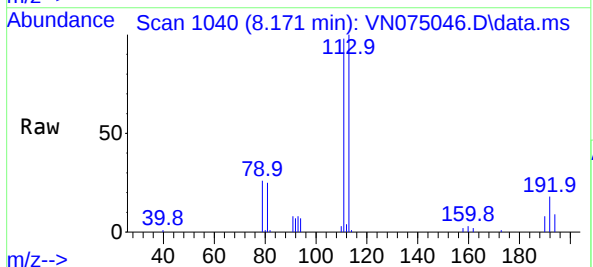
Instrument :
MSVOA_N
ClientSampleId :

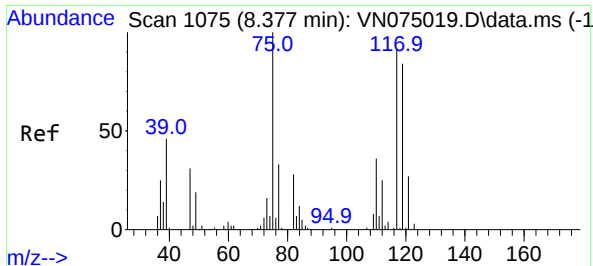
Tgt Ion:114 Resp: 186599
Ion Ratio Lower Upper
114 100
63 18.0 0.0 39.6
88 14.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 53.842 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

Tgt Ion:113 Resp: 58980
Ion Ratio Lower Upper
113 100
111 102.6 80.5 120.7
192 16.2 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.407 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN075046.D

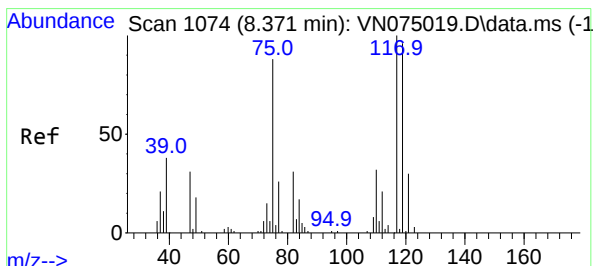
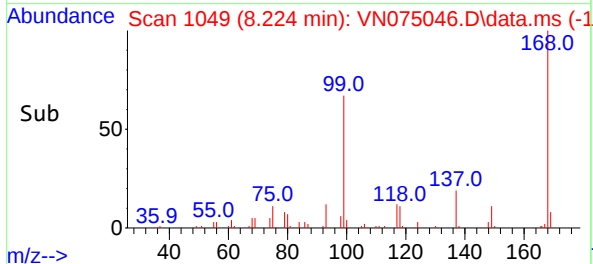
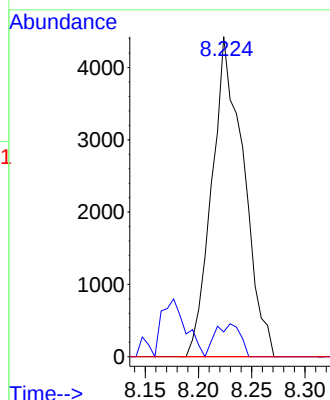
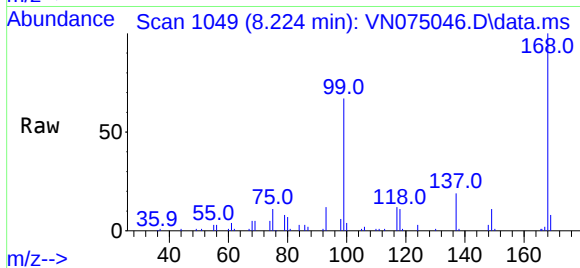
Acq: 27 Oct 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	9170
Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.8	53.3#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.701 ug/l

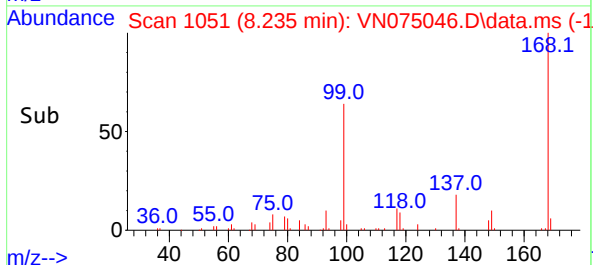
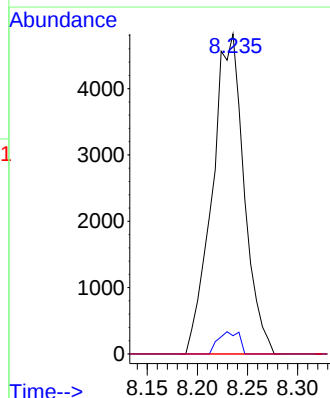
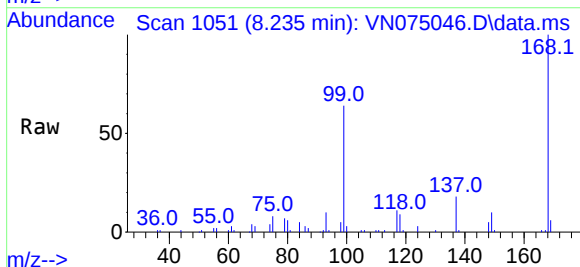
RT: 8.235 min Scan# 1051

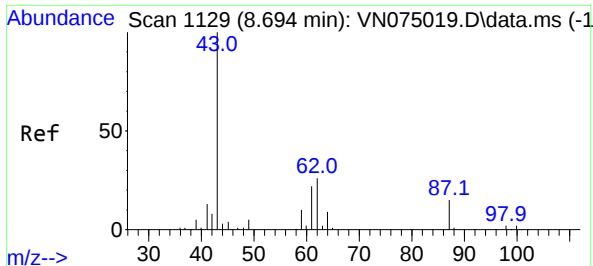
Delta R.T. -0.136 min

Lab File: VN075046.D

Acq: 27 Oct 2022 17:19

Tgt Ion:	117	Resp:	10636
Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.7	115.1#
121	0.0	23.9	35.9#

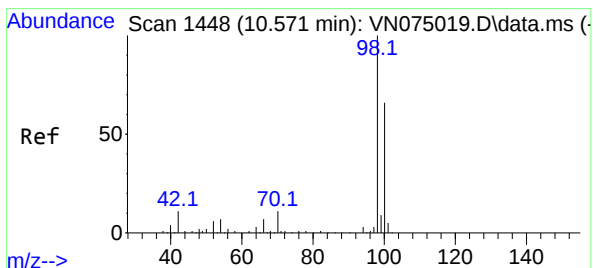
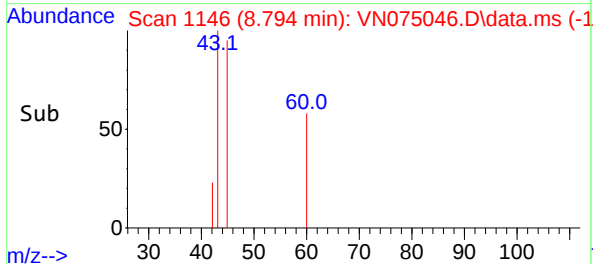
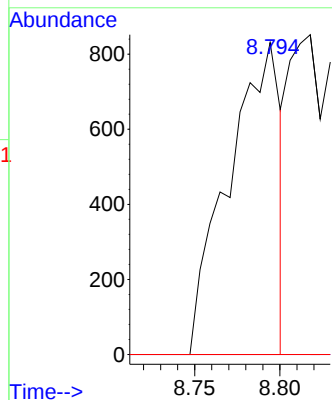
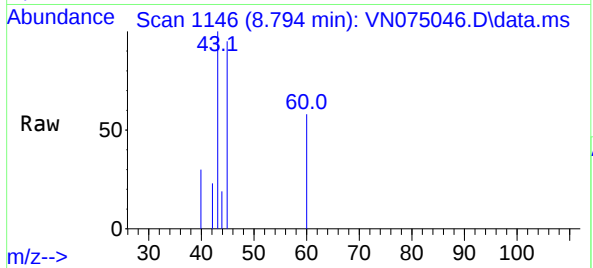




#43
Isopropyl Acetate
Concen: 0.609 ug/l
RT: 8.794 min Scan# 1129
Delta R.T. 0.100 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

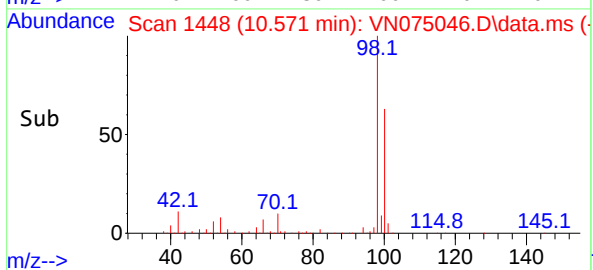
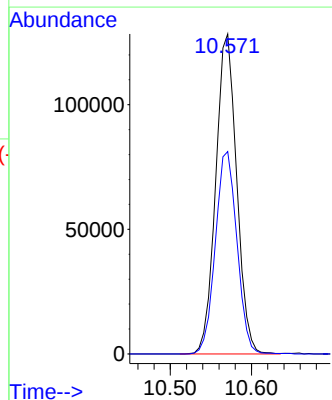
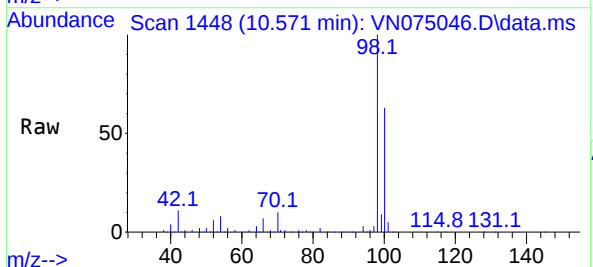
Instrument :
MSVOA_N
ClientSampleId :

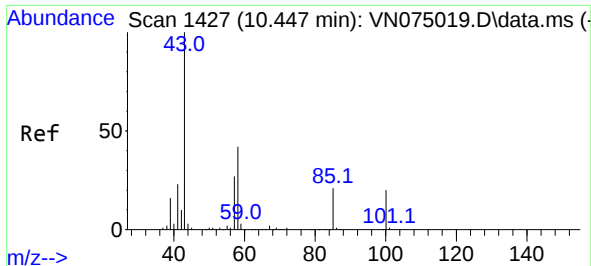
Tgt Ion: 43 Resp: 1757
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 54.239 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

Tgt Ion: 98 Resp: 230516
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 0.536 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.124 min

Lab File: VN075046.D

Acq: 27 Oct 2022 17:19

Instrument :

MSVOA_N

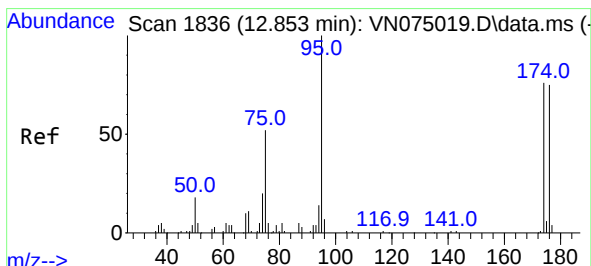
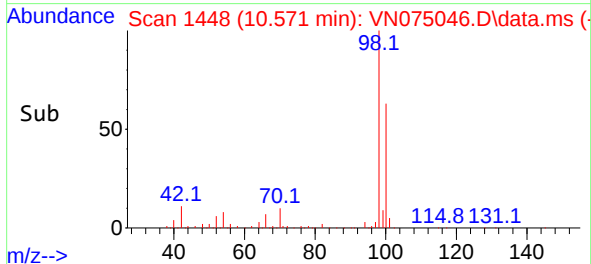
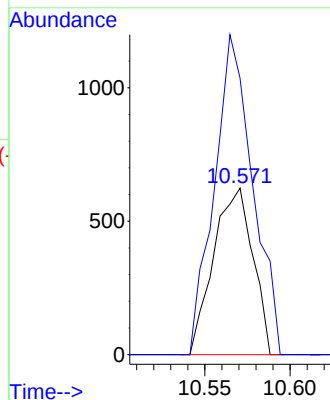
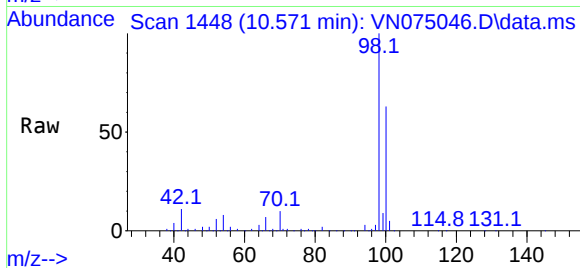
ClientSampleId :

Tgt Ion: 43 Resp: 998

Ion Ratio Lower Upper

43 100

58 188.3 33.6 50.4#



#62

4-Bromofluorobenzene

Concen: 47.577 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075046.D

Acq: 27 Oct 2022 17:19

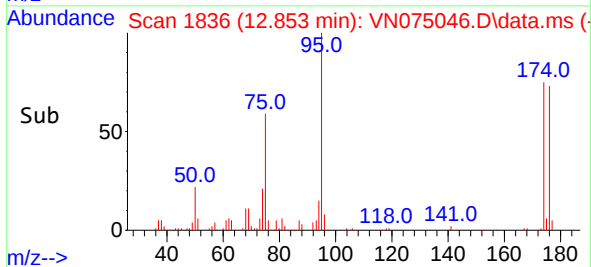
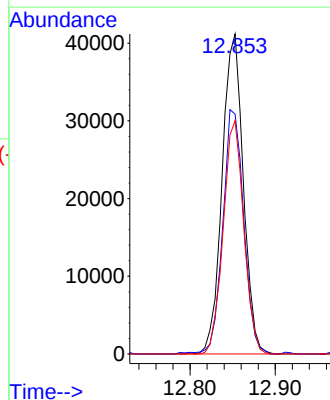
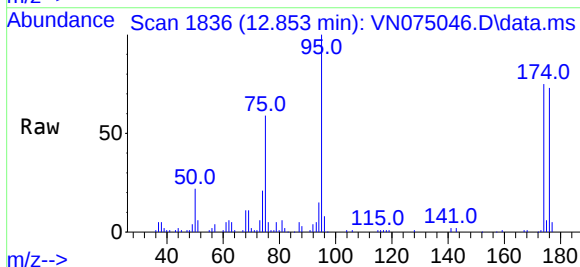
Tgt Ion: 95 Resp: 71030

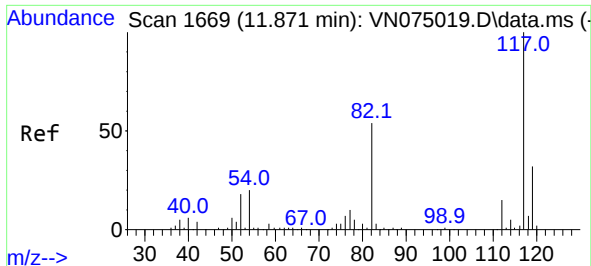
Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.4

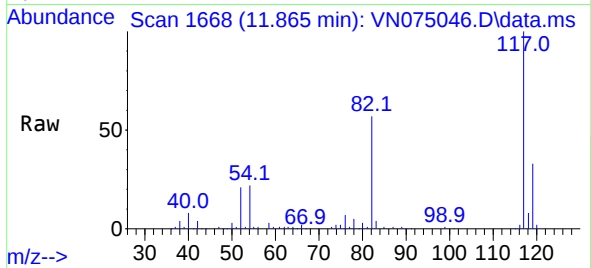
176 70.6 0.0 142.2



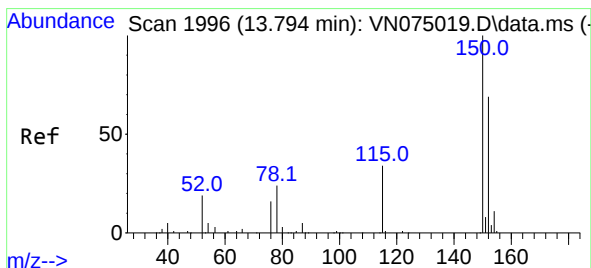
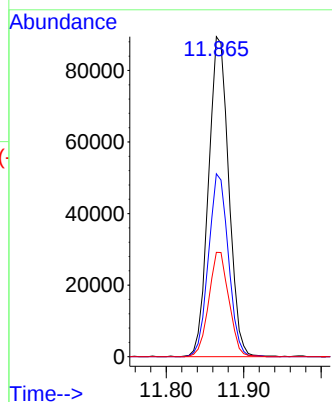


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

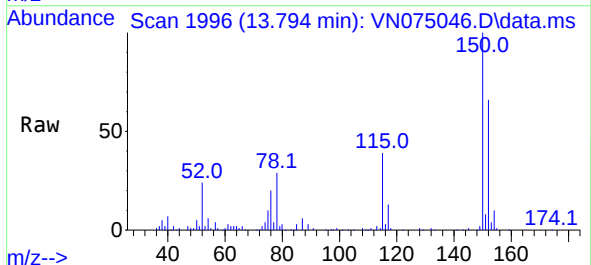
Instrument :
MSVOA_N
ClientSampleId :



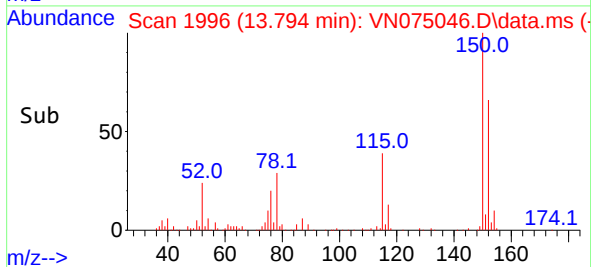
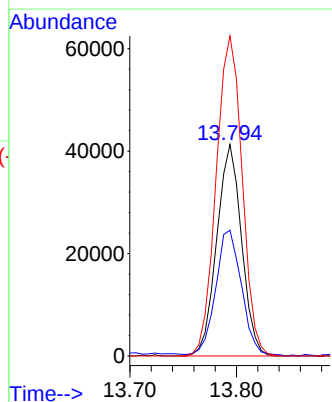
Tgt Ion:117 Resp: 161476
Ion Ratio Lower Upper
117 100
82 57.2 43.1 64.7
119 32.6 25.5 38.3

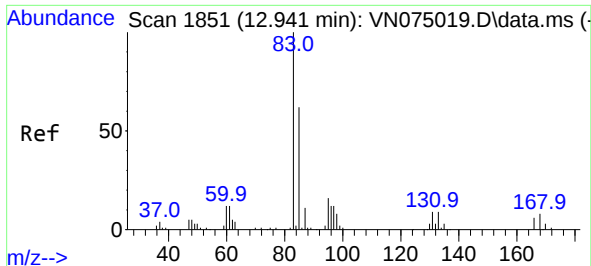


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19



Tgt Ion:152 Resp: 66641
Ion Ratio Lower Upper
152 100
115 62.6 30.2 90.6
150 158.8 0.0 348.4

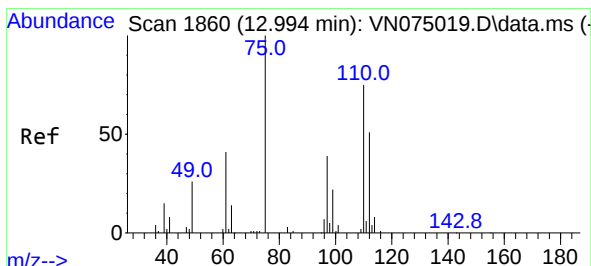
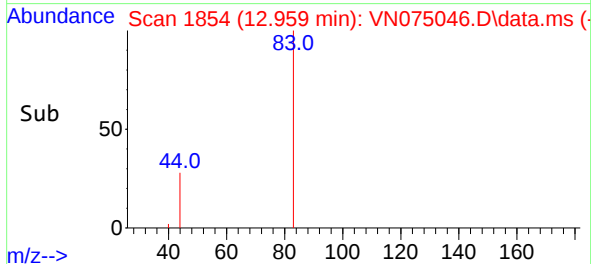
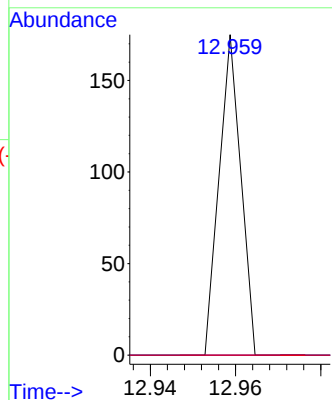
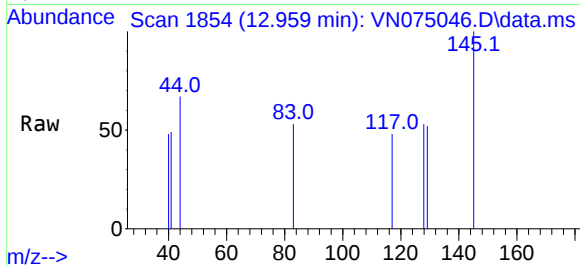




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.959 min Scan# 1854
Delta R.T. 0.018 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

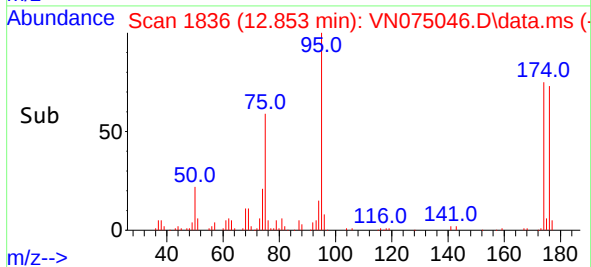
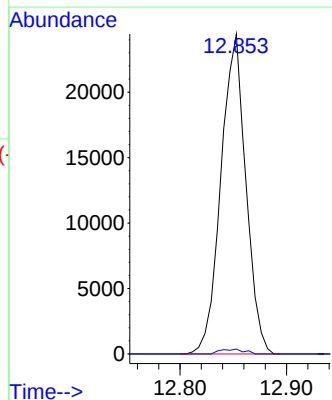
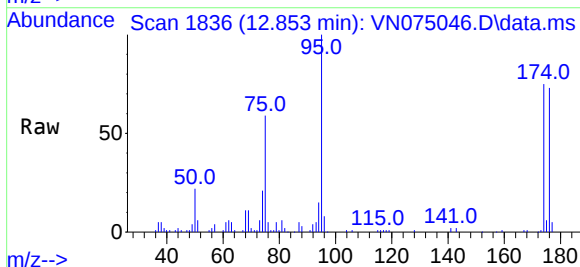
Instrument :
MSVOA_N
ClientSampleId :

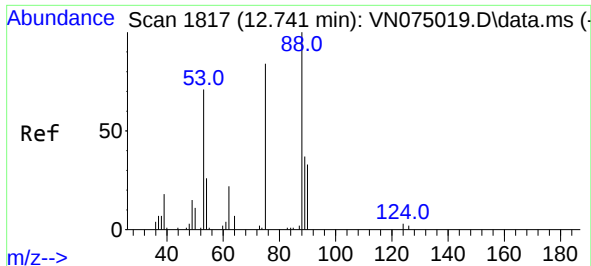
Tgt Ion: 83 Resp: 62
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 31.6 94.7#



#76
1,2,3-Trichloropropane
Concen: 28.016 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

Tgt Ion: 75 Resp: 39641
Ion Ratio Lower Upper
75 100
77 1.5 75.6 226.8#

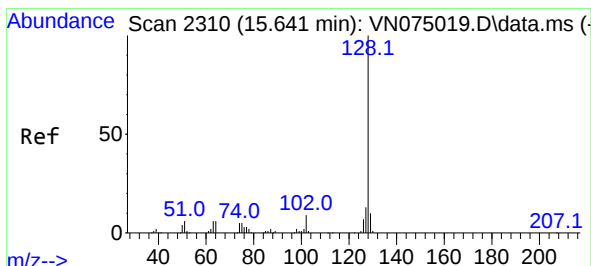
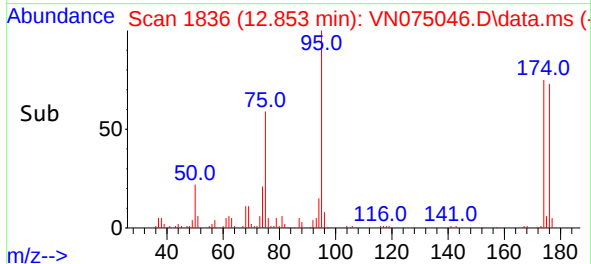
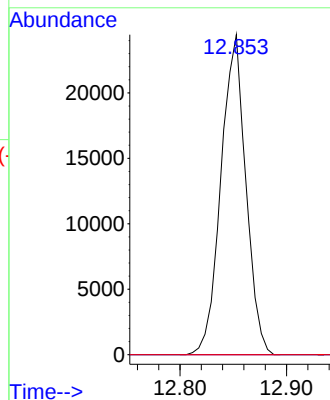
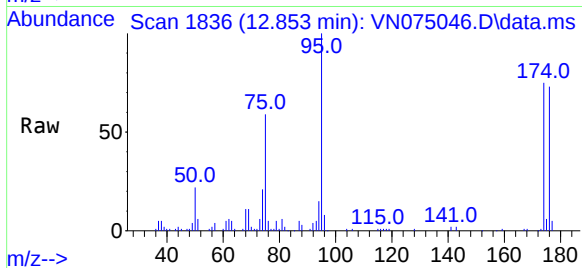




#81
trans-1,4-Dichloro-2-butene
Concen: 71.916 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 39641
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#95
Naphthalene
Concen: 0.349 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN075046.D
Acq: 27 Oct 2022 17:19

Tgt Ion:128 Resp: 1326
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#

