

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075426.D
 Acq On : 25 Nov 2022 17:18
 Operator : JC\MD
 Sample : N5756-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 03:37:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

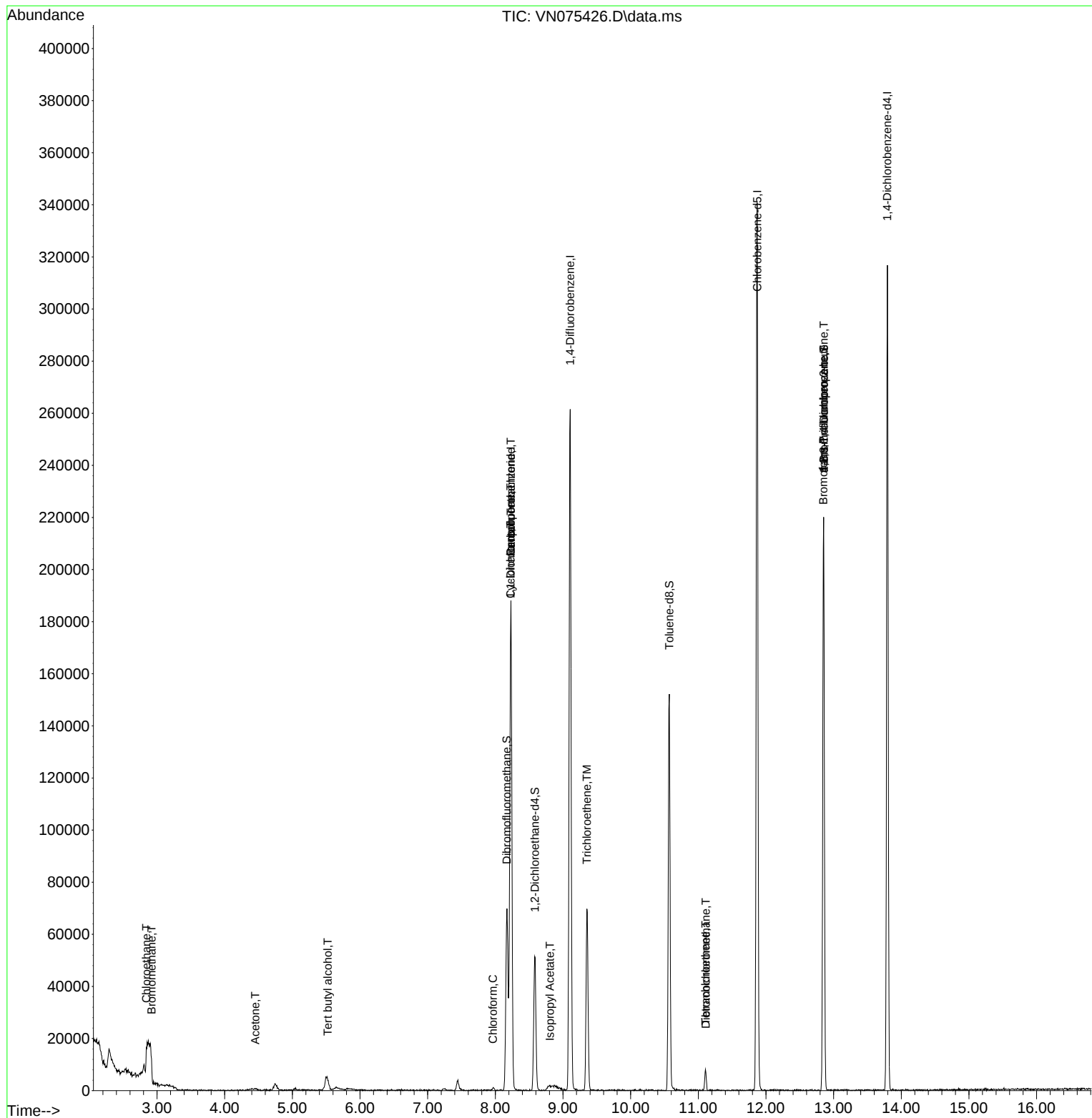
Internal Standards						
1) Pentafluorobenzene	8.230	168	140480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	212801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	42002	55.700	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.400%	
35) Dibromofluoromethane	8.171	113	50682	52.821	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.640%	
50) Toluene-d8	10.571	98	109853	50.833	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.660%	
62) 4-Bromofluorobenzene	12.853	95	77145	48.363	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.918	94	305	0.206	ug/l #	71
6) Chloroethane	2.842	64	19816	15.525	ug/l #	60
11) Tert butyl alcohol	5.524	59	4580	14.468	ug/l #	72
16) Acetone	4.453	43	747	1.062	ug/l #	43
18) Methyl Acetate	5.036	43	1267	Below Cal	#	58
30) Chloroform	7.965	83	1248	0.441	ug/l	84
31) Cyclohexane	8.224	56	2914	1.216	ug/l #	42
36) 1,1-Dichloropropene	8.224	75	10897	5.208	ug/l #	53
38) Carbon Tetrachloride	8.230	117	14290	6.217	ug/l #	16
43) Isopropyl Acetate	8.806	43	2193	0.725	ug/l #	53
44) Trichloroethene	9.353	130	27045	15.428	ug/l	97
60) Dibromochloromethane	11.112	129	1823	1.056	ug/l #	11
64) Tetrachloroethene	11.106	164	1962	1.207	ug/l #	79
71) Bromoform	12.847	173	412	0.330	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	38298	22.280	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	38298	65.923	ug/l #	10

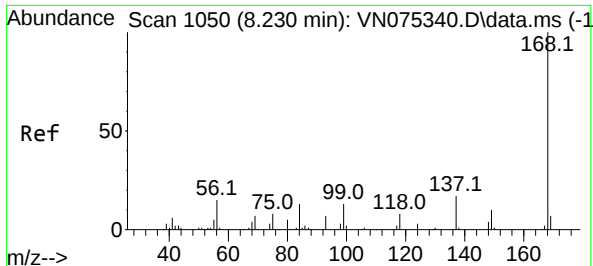
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampleId :

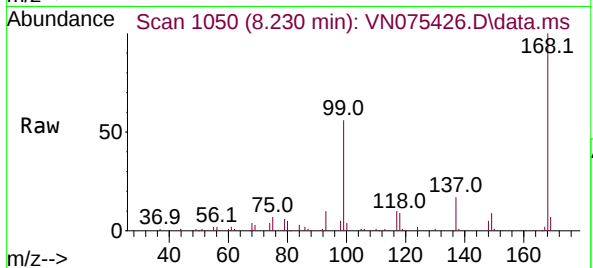
Quant Time: Nov 28 03:37:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration



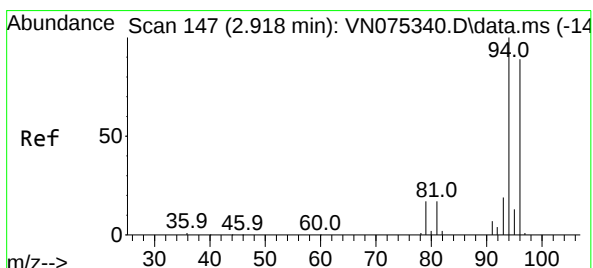
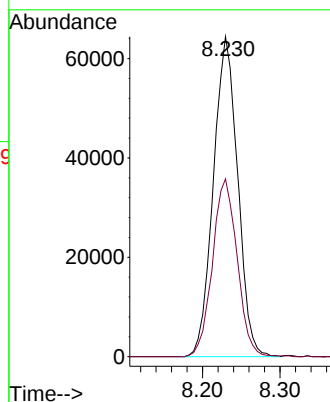
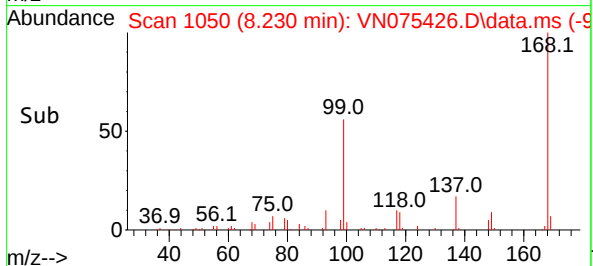


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :

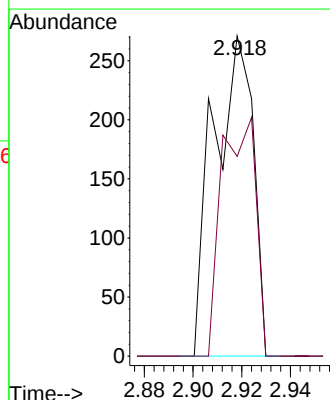
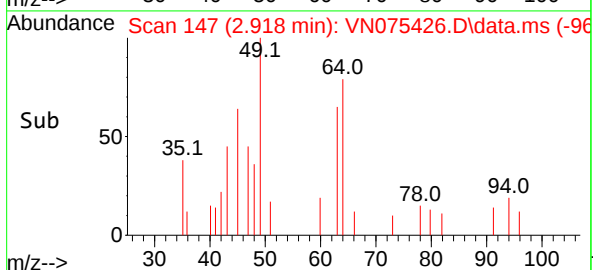
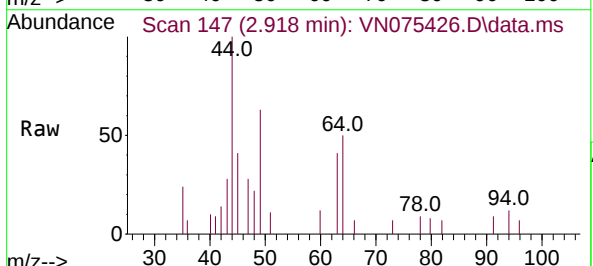


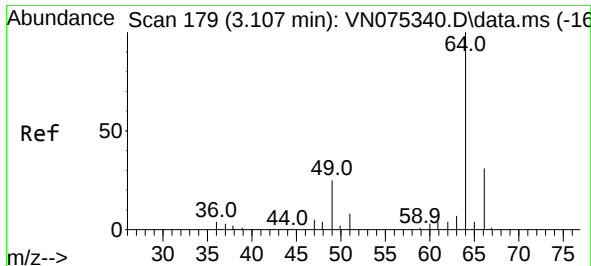
Tgt Ion:168 Resp: 140480
Ion Ratio Lower Upper
168 100
99 55.6 51.6 77.4



#5
Bromomethane
Concen: 0.206 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 62.4 71.8 107.6#

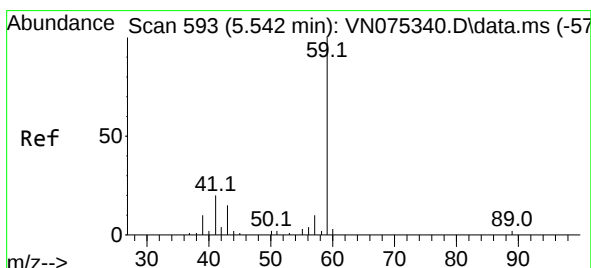
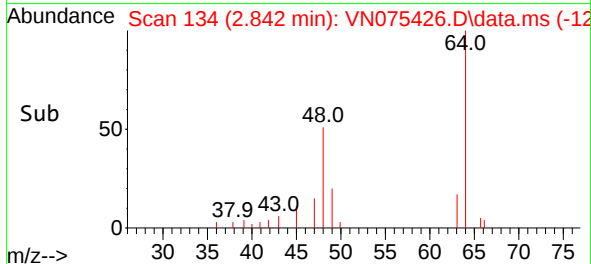
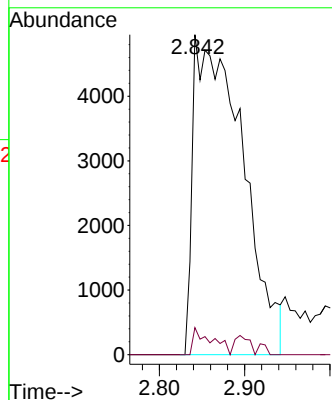
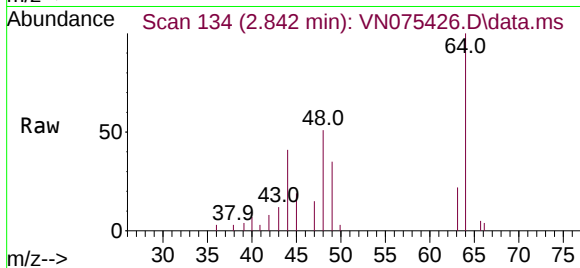




#6
Chloroethane
Concen: 15.525 ug/l
RT: 2.842 min Scan# 11
Delta R.T. -0.265 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

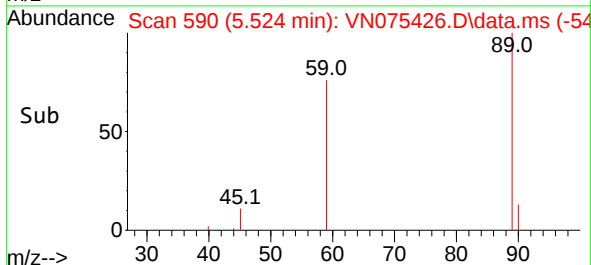
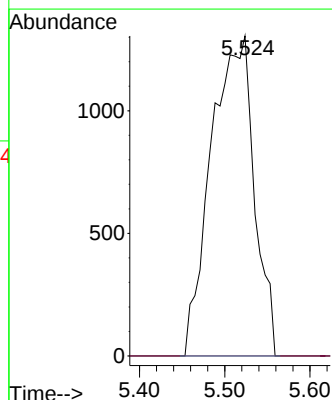
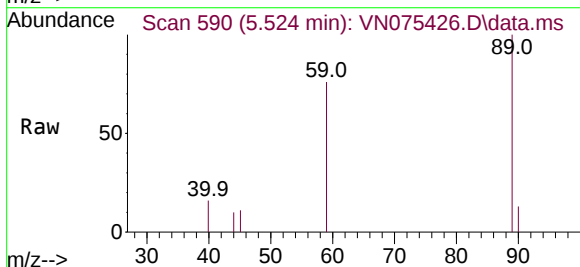
Instrument :
MSVOA_N
ClientSampleId :

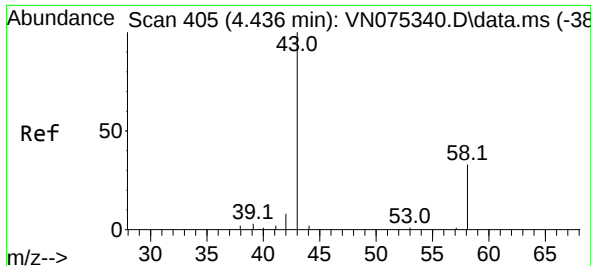
Tgt Ion: 64 Resp: 19816
Ion Ratio Lower Upper
64 100
66 8.4 23.8 35.8#



#11
Tert butyl alcohol
Concen: 14.468 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.018 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

Tgt Ion: 59 Resp: 4580
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

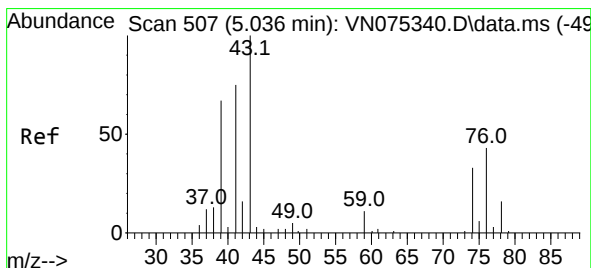
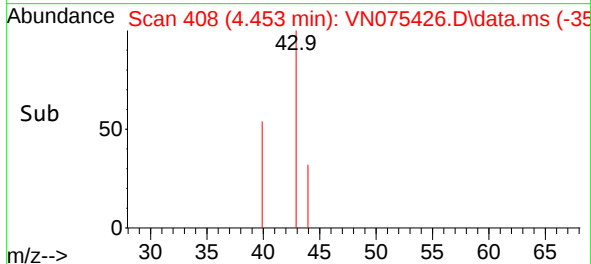
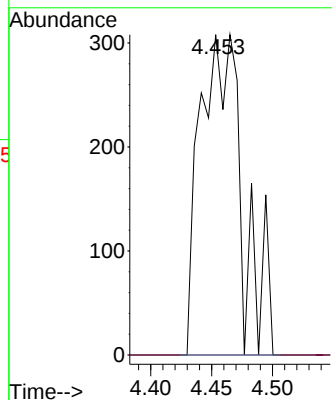
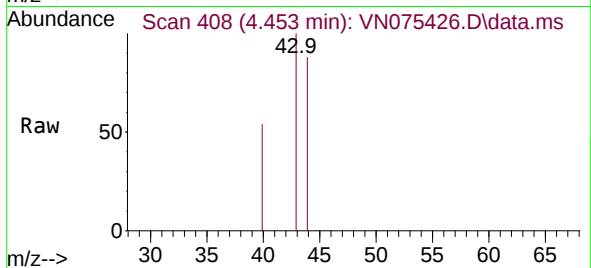




#16
Acetone
Concen: 1.062 ug/l
RT: 4.453 min Scan# 405
Delta R.T. 0.017 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

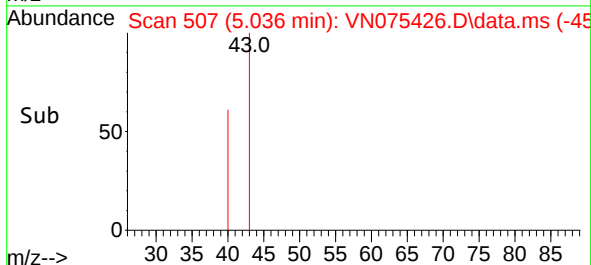
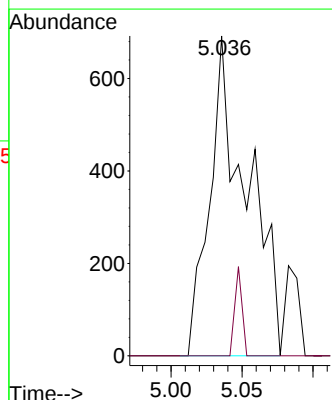
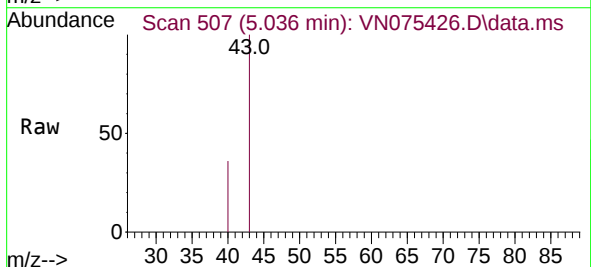
Instrument :
MSVOA_N
ClientSampleId :

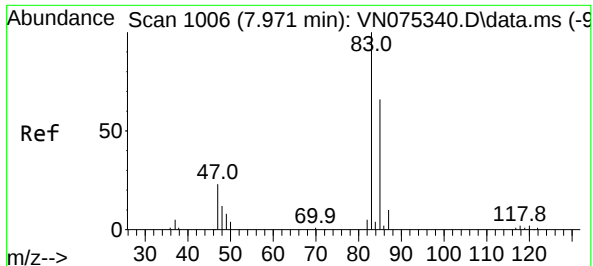
Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
74 5.4 22.0 33.0#





#30

Chloroform

Concen: 0.441 ug/l

RT: 7.965 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VN075426.D

Acq: 25 Nov 2022 17:18

Instrument :

MSVOA_N

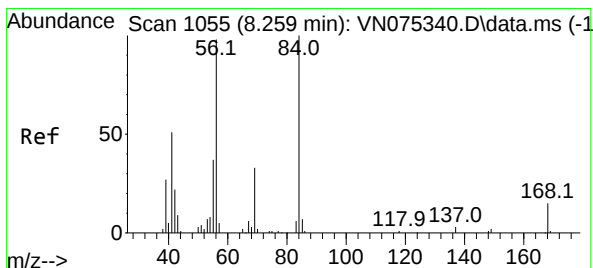
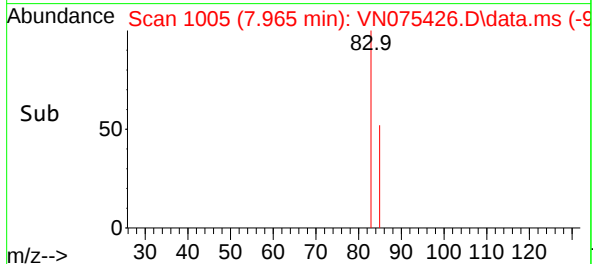
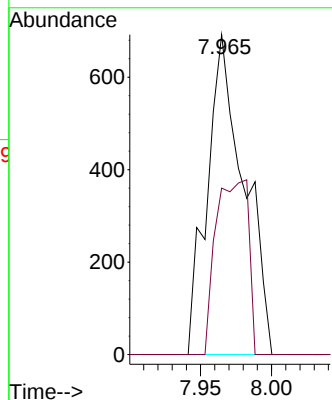
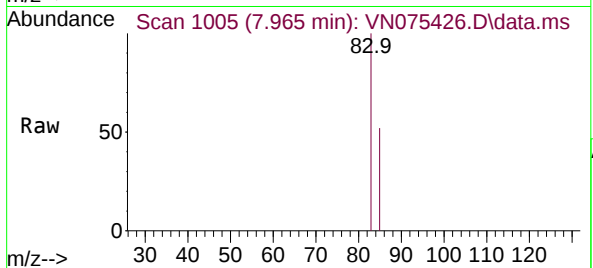
ClientSampleId :

Tgt Ion: 83 Resp: 1248

Ion Ratio Lower Upper

83 100

85 52.0 51.4 77.0



#31

Cyclohexane

Concen: 1.216 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.035 min

Lab File: VN075426.D

Acq: 25 Nov 2022 17:18

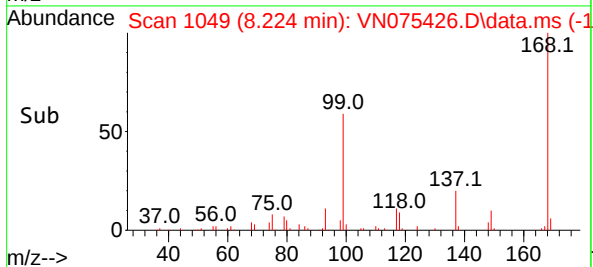
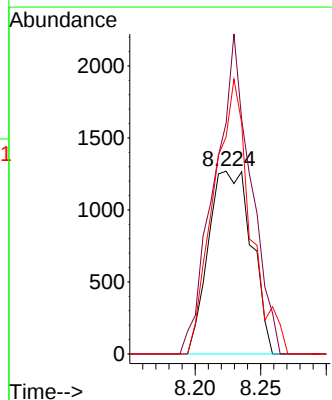
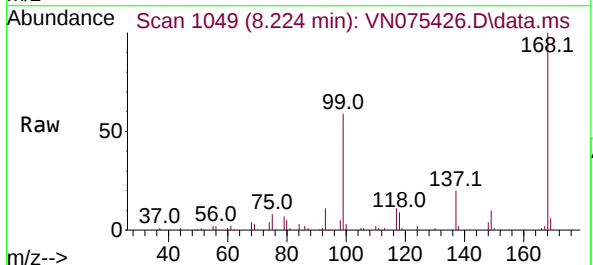
Tgt Ion: 56 Resp: 2914

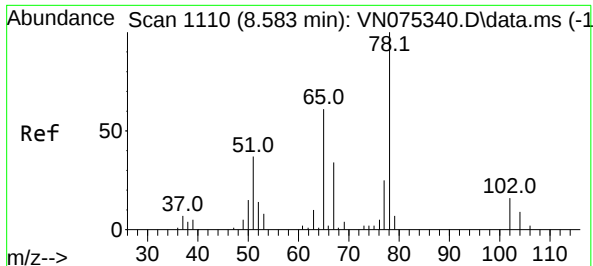
Ion Ratio Lower Upper

56 100

69 126.3 25.2 37.8#

84 118.8 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 55.700 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075426.D

Acq: 25 Nov 2022 17:18

Instrument :

MSVOA_N

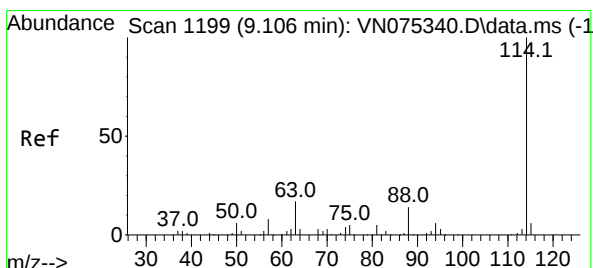
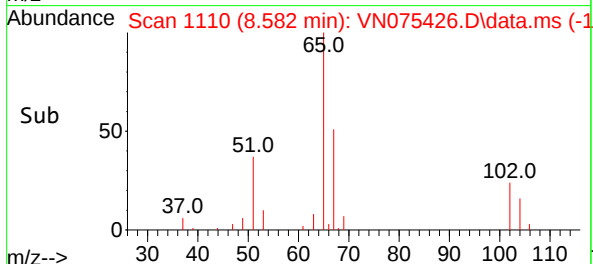
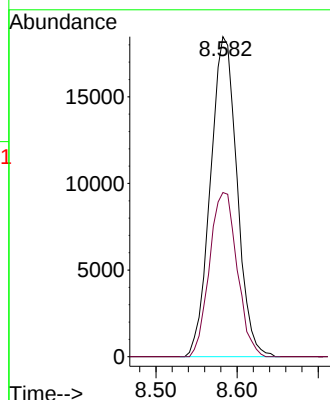
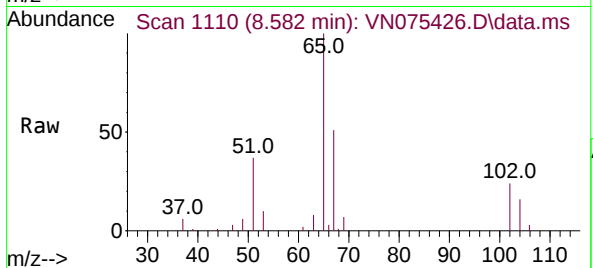
ClientSampleId :

Tgt Ion: 65 Resp: 42002

Ion Ratio Lower Upper

65 100

67 53.3 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: VN075426.D

Acq: 25 Nov 2022 17:18

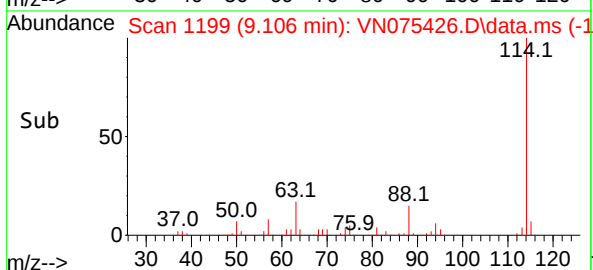
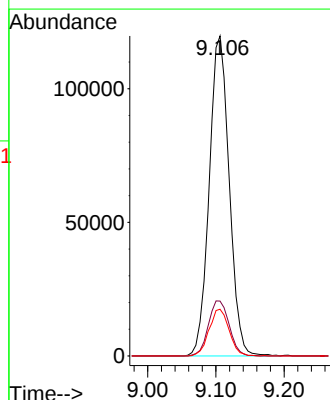
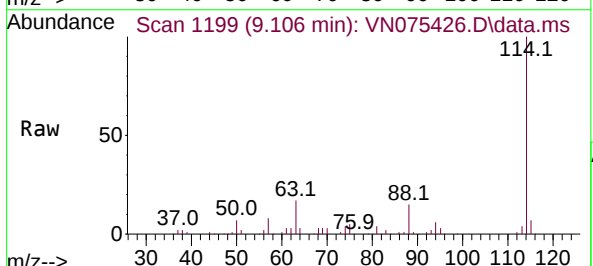
Tgt Ion: 114 Resp: 244253

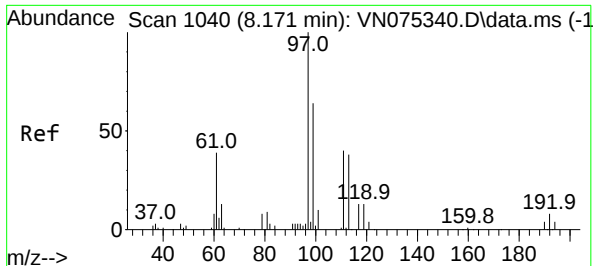
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.821 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075426.D

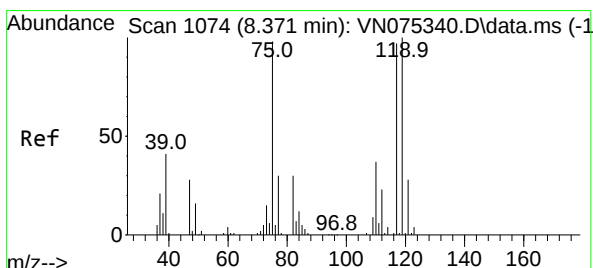
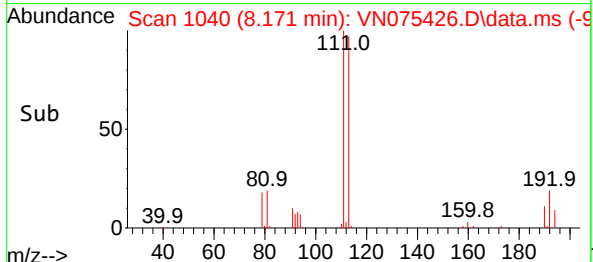
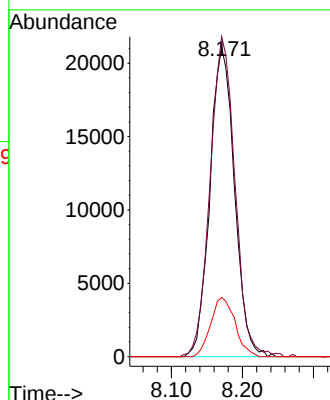
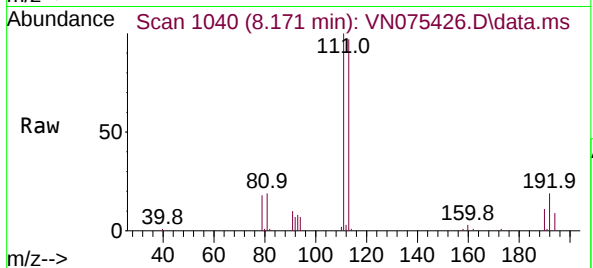
Acq: 25 Nov 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	113	Resp:	50682
Ion	Ratio	Lower	Upper
113	100		
111	104.5	80.5	120.7
192	18.9	13.2	19.8



#36

1,1-Dichloropropene

Concen: 5.208 ug/l

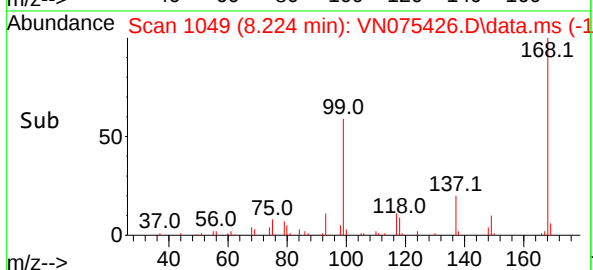
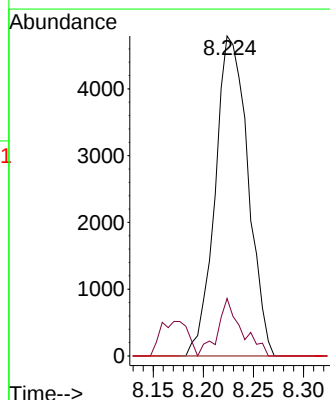
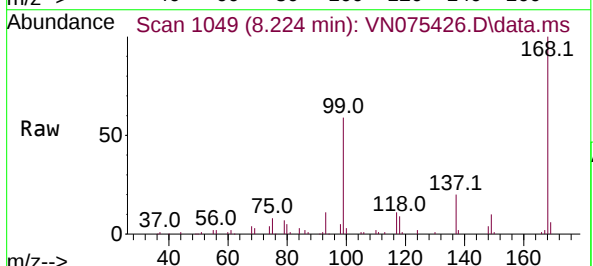
RT: 8.224 min Scan# 1049

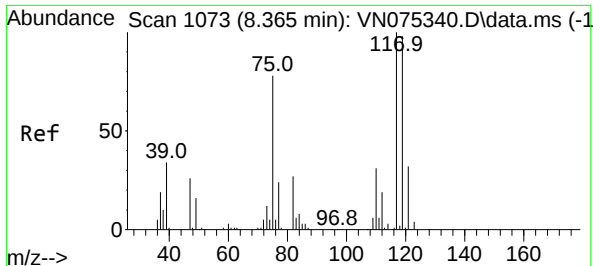
Delta R.T. -0.147 min

Lab File: VN075426.D

Acq: 25 Nov 2022 17:18

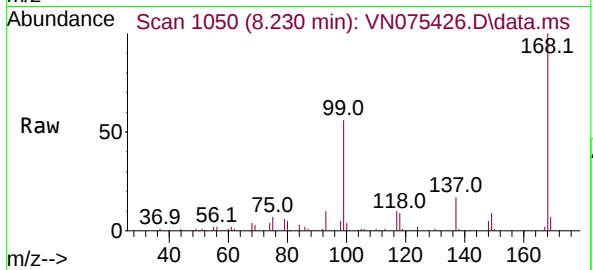
Tgt Ion:	75	Resp:	10897
Ion	Ratio	Lower	Upper
75	100		
110	13.1	17.8	53.3#
77	0.0	24.6	37.0#



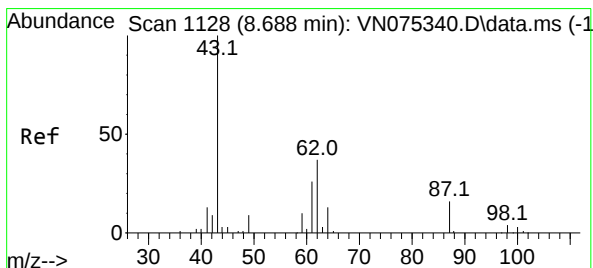
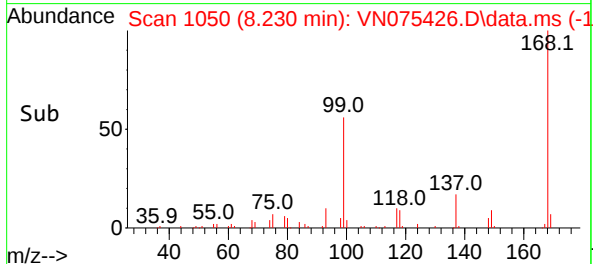
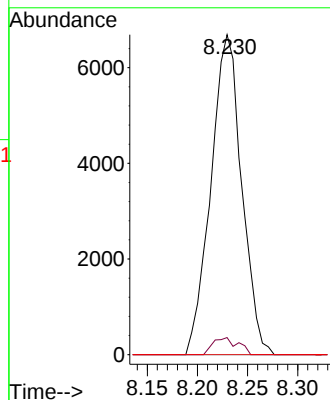


#38
Carbon Tetrachloride
Concen: 6.217 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :

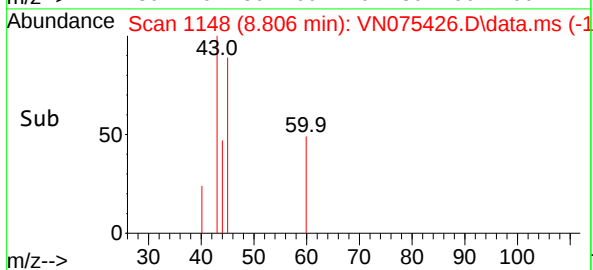
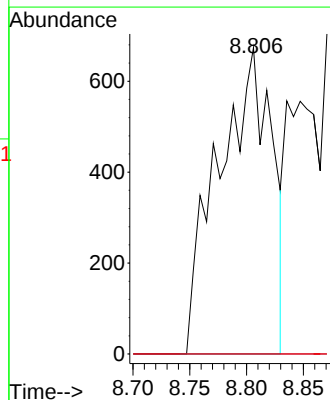
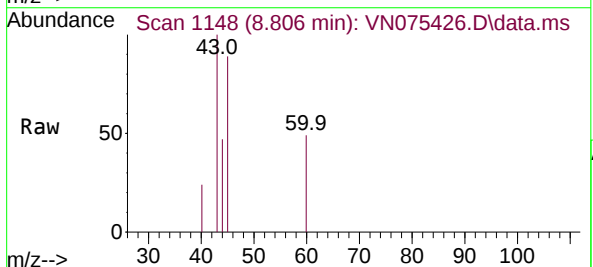


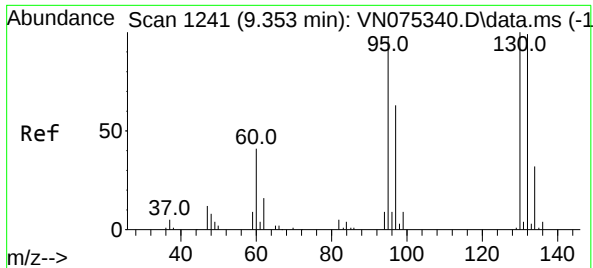
Tgt Ion:117 Resp: 14290
Ion Ratio Lower Upper
117 100
119 5.4 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.725 ug/l
RT: 8.806 min Scan# 1148
Delta R.T. 0.118 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

Tgt Ion: 43 Resp: 2193
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

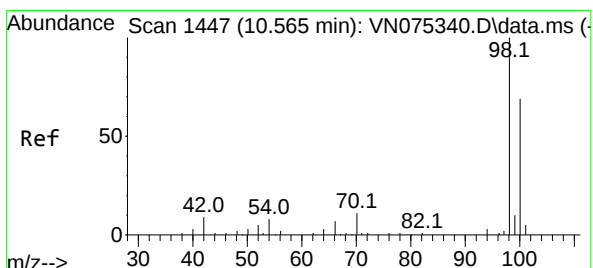
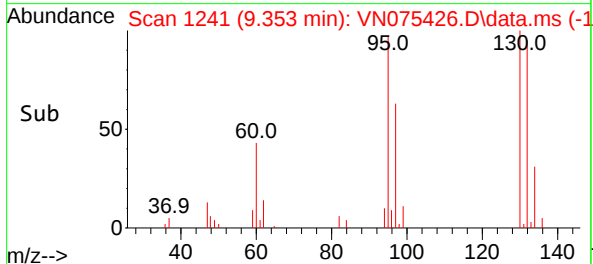
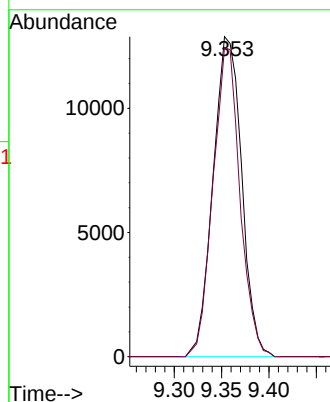
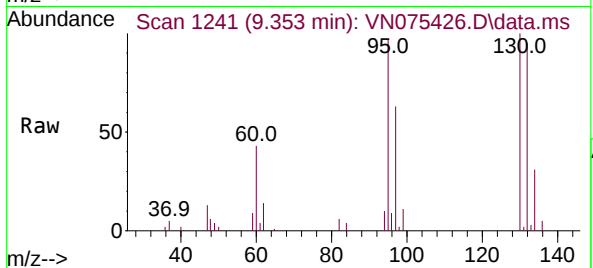




#44
Trichloroethene
Concen: 15.428 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

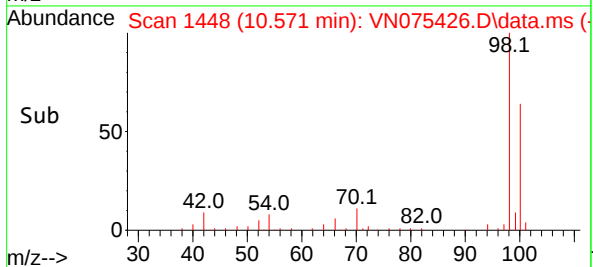
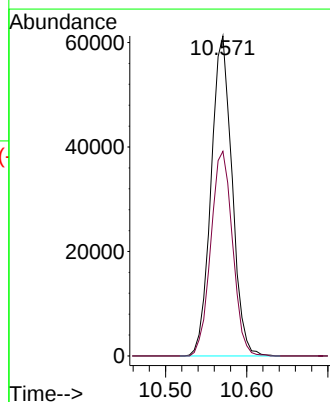
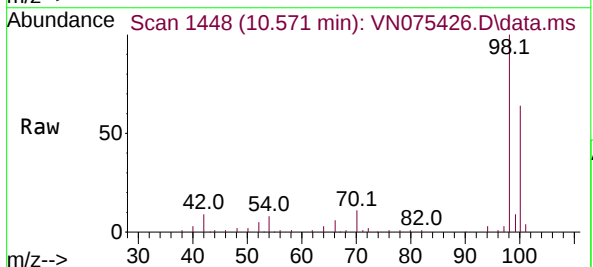
Instrument :
MSVOA_N
ClientSampleId :

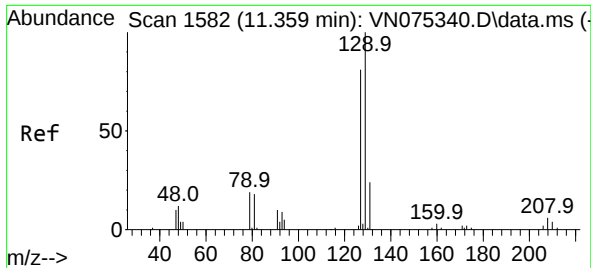
Tgt Ion:130 Resp: 27045
Ion Ratio Lower Upper
130 100
95 96.6 0.0 198.4



#50
Toluene-d8
Concen: 50.833 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

Tgt Ion: 98 Resp: 109853
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6

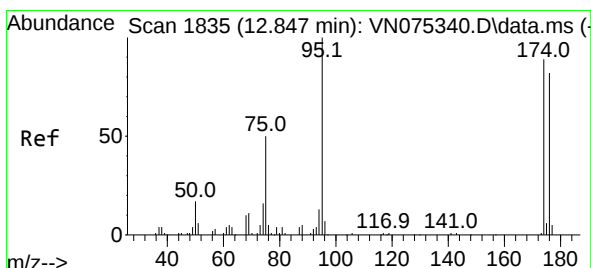
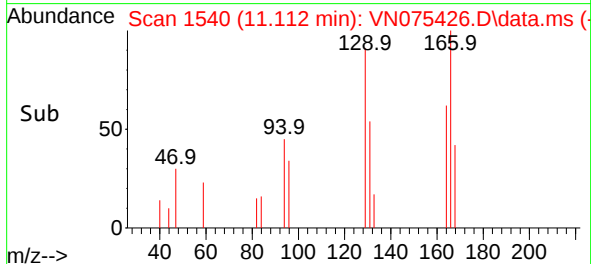
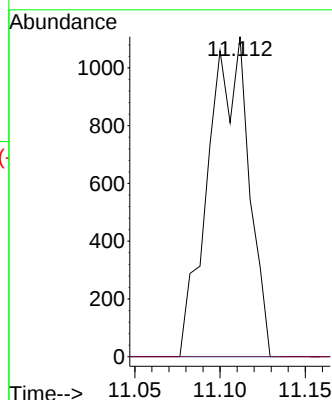
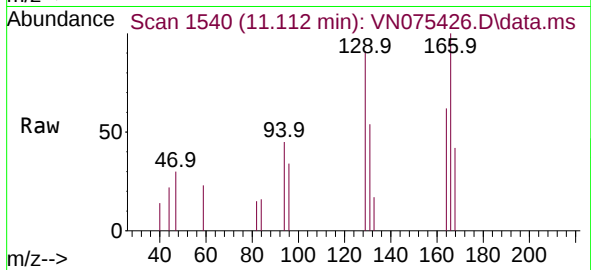




#60
Dibromochloromethane
Concen: 1.056 ug/l
RT: 11.112 min Scan# 11
Delta R.T. -0.247 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

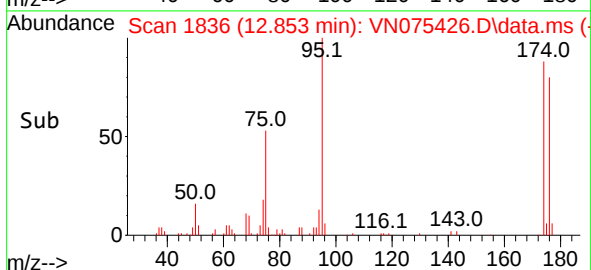
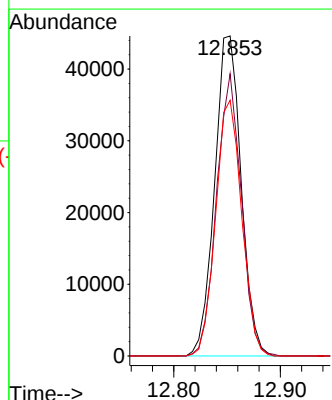
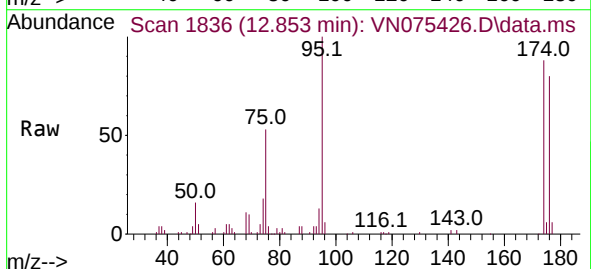
Instrument :
MSVOA_N
ClientSampleId :

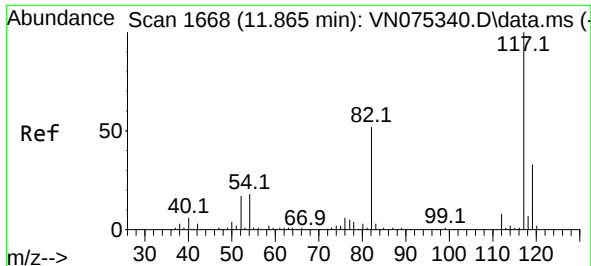
Tgt Ion:129 Resp: 1823
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 48.363 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

Tgt Ion: 95 Resp: 77145
Ion Ratio Lower Upper
95 100
174 82.4 0.0 147.4
176 78.6 0.0 142.2

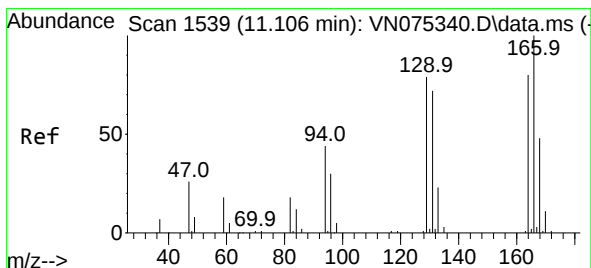
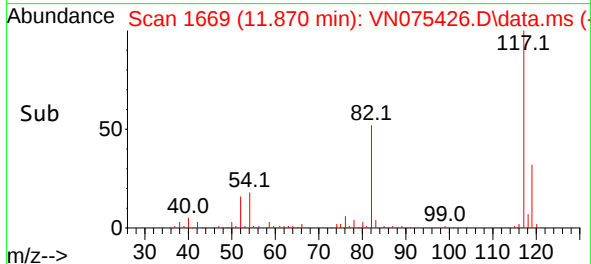
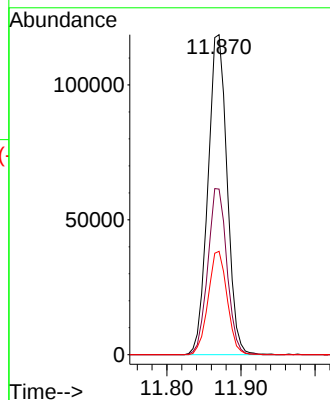
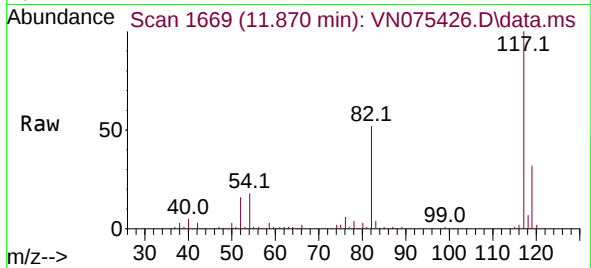




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

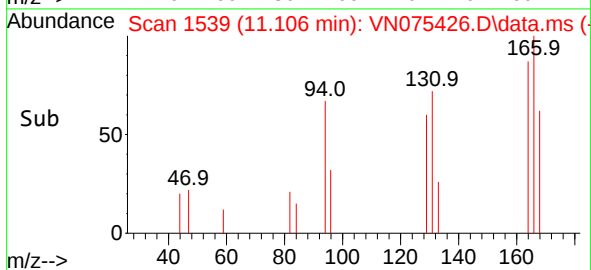
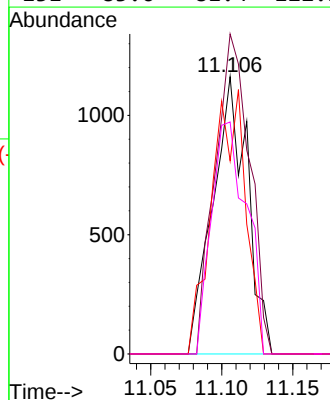
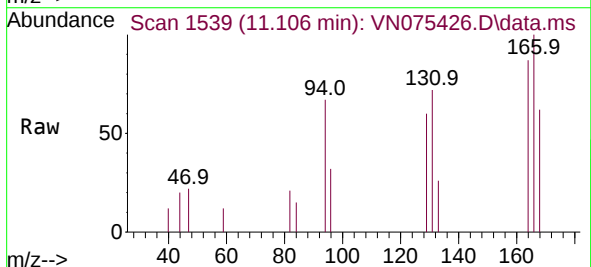
Instrument :
MSVOA_N
ClientSampleId :

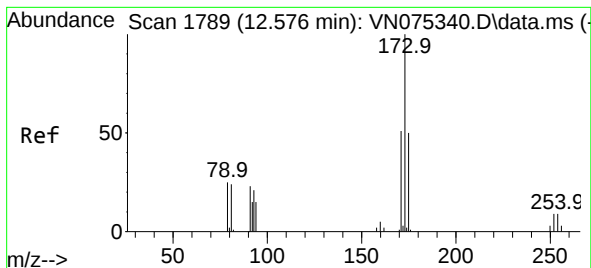
Tgt Ion:117 Resp: 212801
Ion Ratio Lower Upper
117 100
82 51.7 43.1 64.7
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 1.207 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075426.D
Acq: 25 Nov 2022 17:18

Tgt Ion:164 Resp: 1962
Ion Ratio Lower Upper
164 100
166 115.4 106.5 159.7
129 69.7 81.9 122.9#
131 83.6 81.4 122.2





#71

Bromoform

Concen: 0.330 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN075426.D

Acq: 25 Nov 2022 17:18

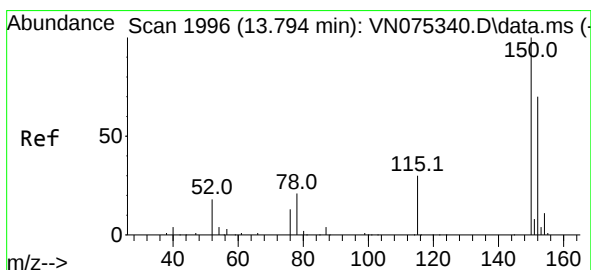
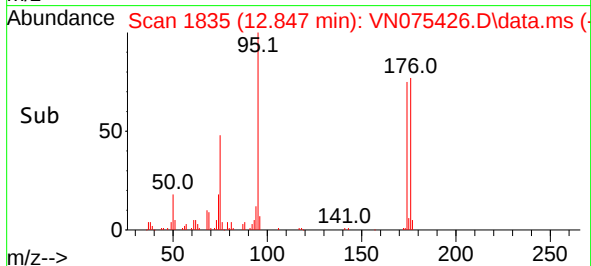
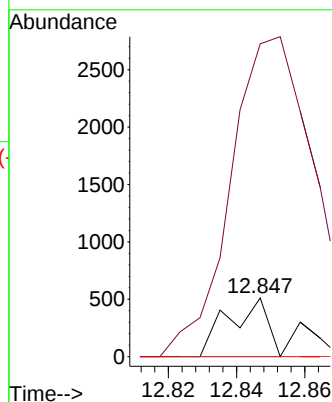
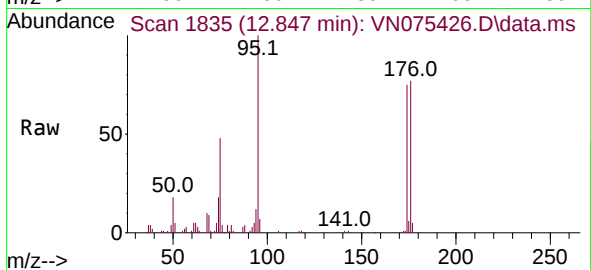
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 412

Ion	Ratio	Lower	Upper
173	100		
175	0.0	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

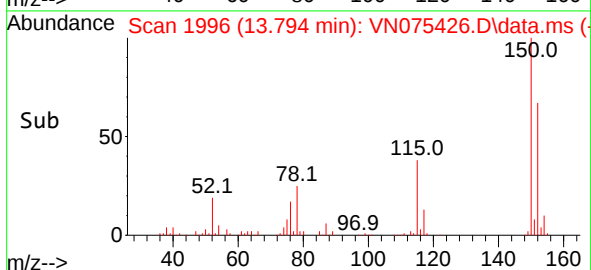
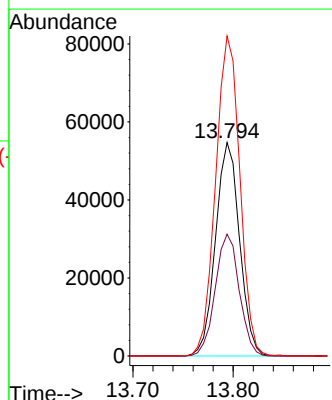
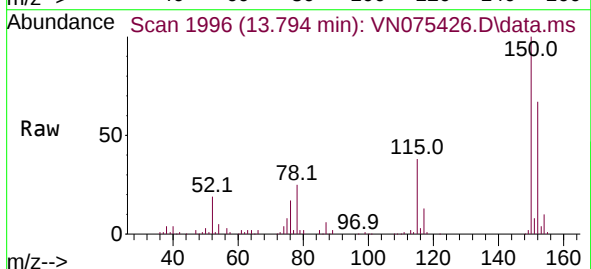
Delta R.T. -0.000 min

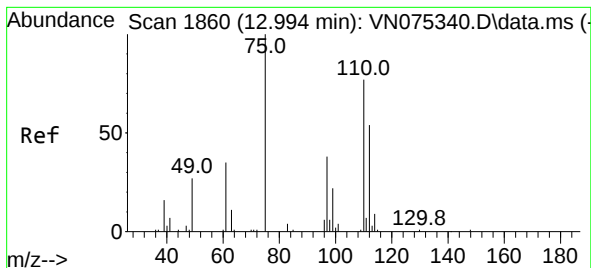
Lab File: VN075426.D

Acq: 25 Nov 2022 17:18

Tgt Ion:152 Resp: 90912

Ion	Ratio	Lower	Upper
152	100		
115	57.1	30.2	90.6
150	151.5	0.0	348.4





#76

1,2,3-Trichloropropane

Concen: 22.280 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075426.D

Acq: 25 Nov 2022 17:18

Instrument :

MSVOA_N

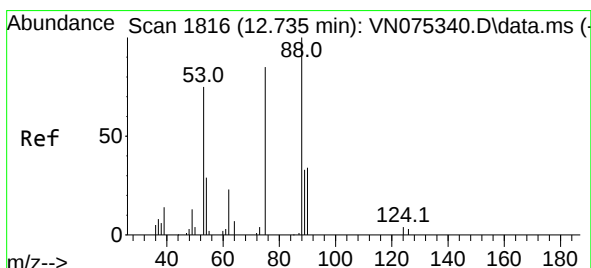
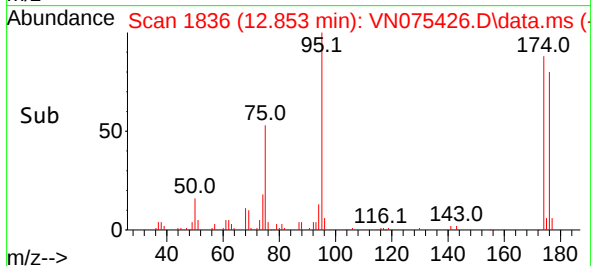
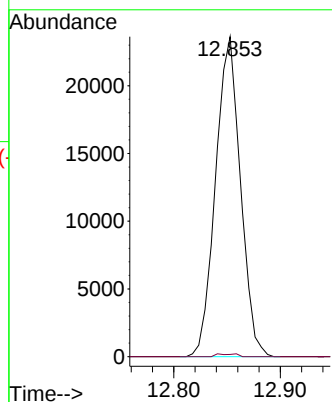
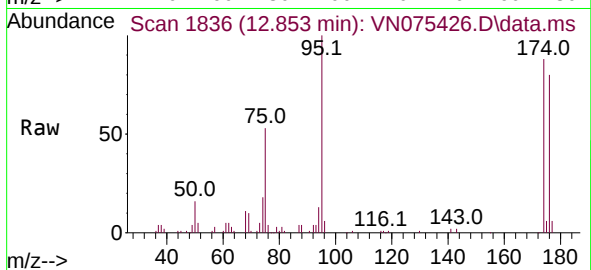
ClientSampleId :

Tgt Ion: 75 Resp: 38298

Ion Ratio Lower Upper

75 100

77 0.7 75.6 226.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.923 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.118 min

Lab File: VN075426.D

Acq: 25 Nov 2022 17:18

Tgt Ion: 75 Resp: 38298

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.7 56.5#

