

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075080.D
 Acq On : 31 Oct 2022 12:15
 Operator : JC\MD
 Sample : VN1031WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBL01

Quant Time: Nov 01 06:13:22 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)

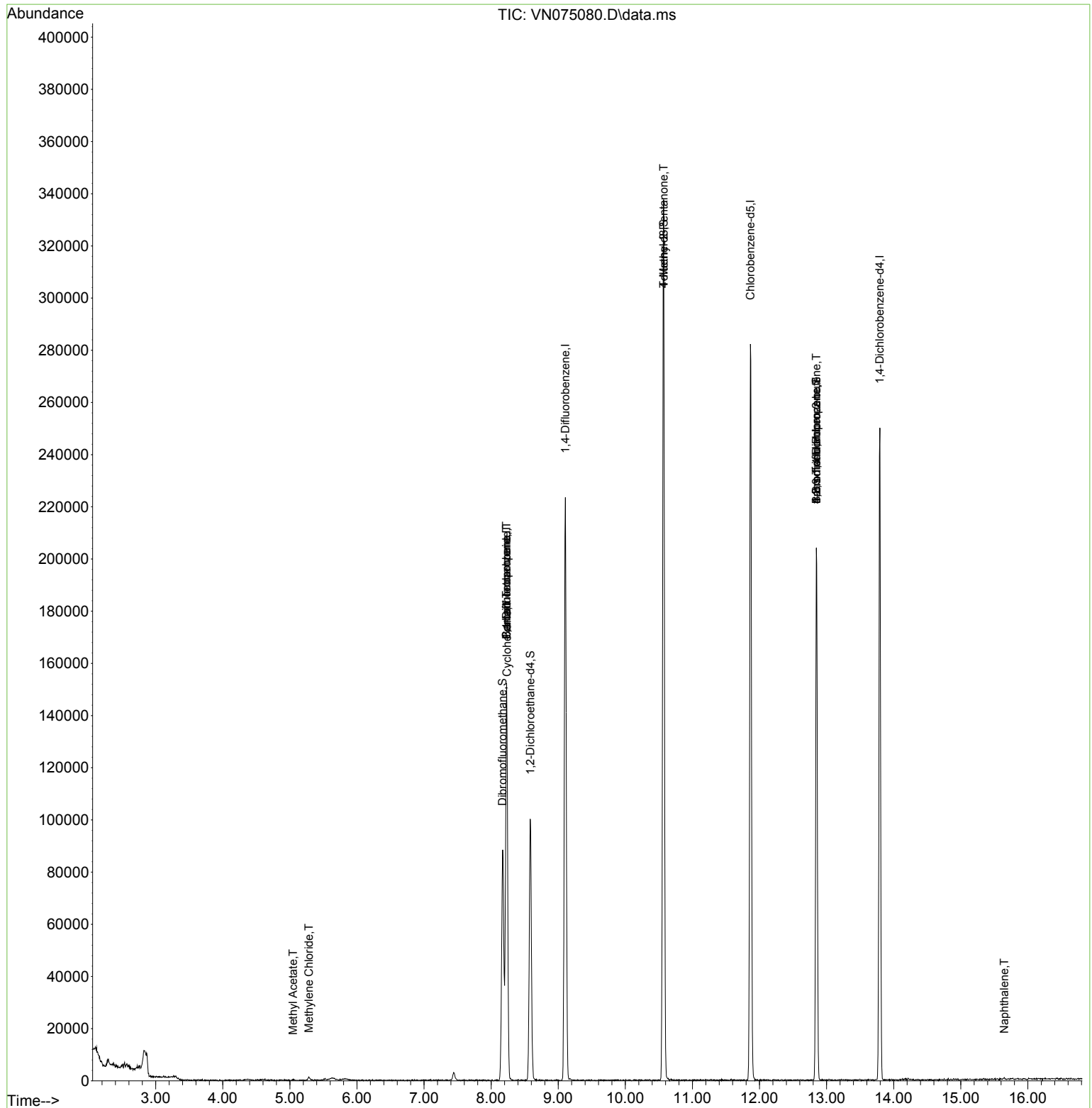
Internal Standards						
1) Pentafluorobenzene	8.229	168	103082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	194844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	165175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	64000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	81434	58.632	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.260%	
35) Dibromofluoromethane	8.171	113	62695	54.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.620%	
50) Toluene-d8	10.570	98	234814	52.913	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.820%	
62) 4-Bromofluorobenzene	12.847	95	67976	43.605	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.953	94	57	Below Cal	#	5
18) Methyl Acetate	5.047	43	553	0.288	ug/l #	47
20) Methylene Chloride	5.283	84	846	0.645	ug/l #	68
31) Cyclohexane	8.235	56	2685	1.300	ug/l #	50
36) 1,1-Dichloropropene	8.229	75	8958	5.059	ug/l #	51
38) Carbon Tetrachloride	8.229	117	11272	5.787	ug/l #	18
51) 4-Methyl-2-Pentanone	10.570	43	823	0.423	ug/l #	1
71) Bromoform	12.847	173	711	0.726	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	39809	29.295	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	39809	75.201	ug/l #	10
95) Naphthalene	15.647	128	854	0.234	ug/l #	69

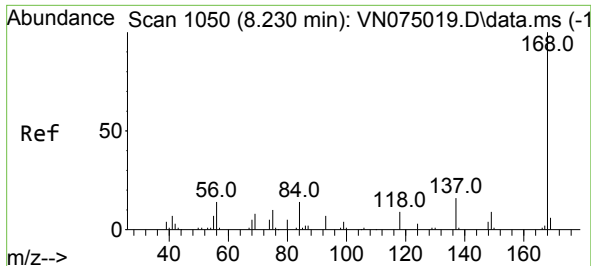
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
Data File : VN075080.D
Acq On : 31 Oct 2022 12:15
Operator : JC\MD
Sample : VN1031WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

Quant Time: Nov 01 06:13:22 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

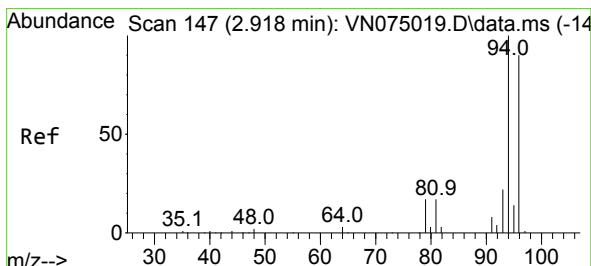
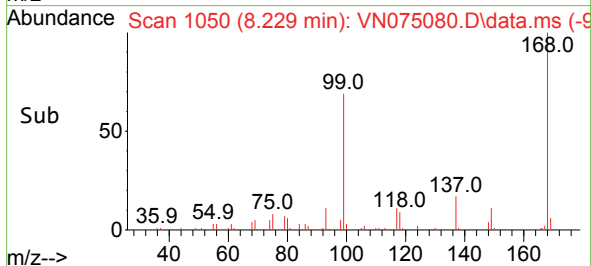
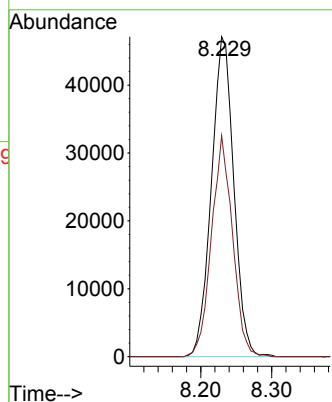
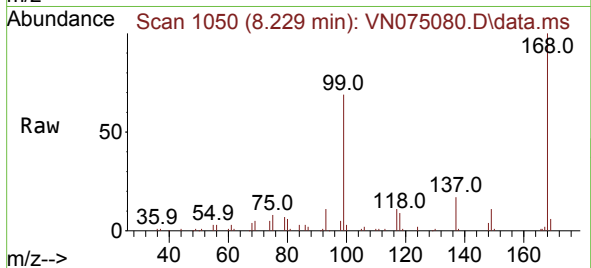




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

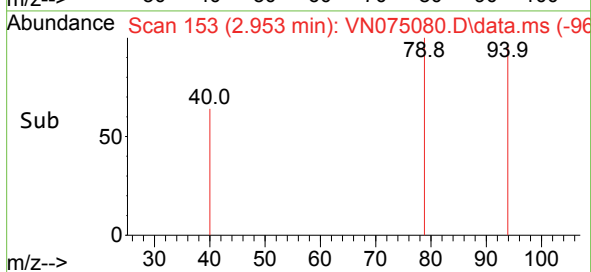
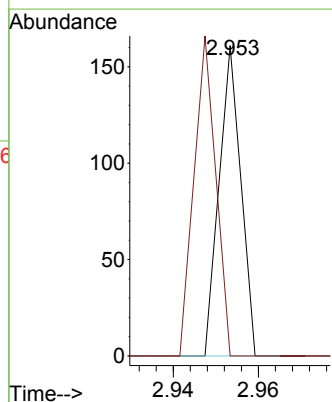
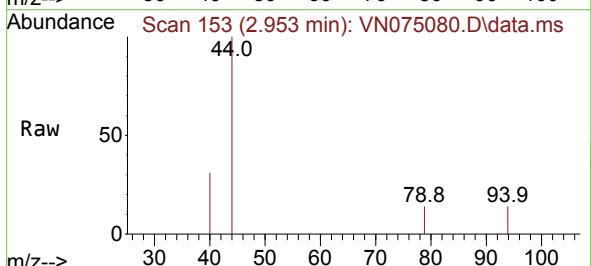
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

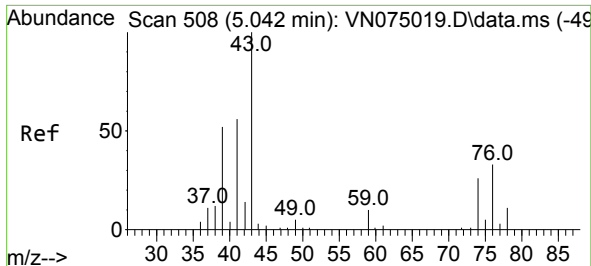
Tgt Ion:168 Resp: 103082
Ion Ratio Lower Upper
168 100
99 69.1 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.953 min Scan# 153
Delta R.T. 0.035 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

Tgt Ion: 94 Resp: 57
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

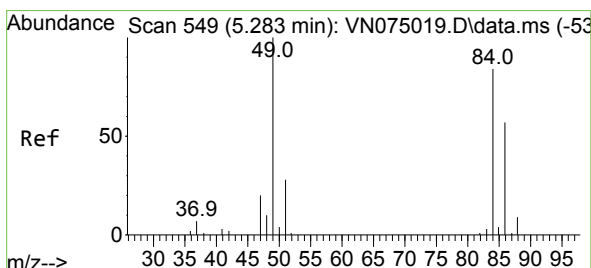
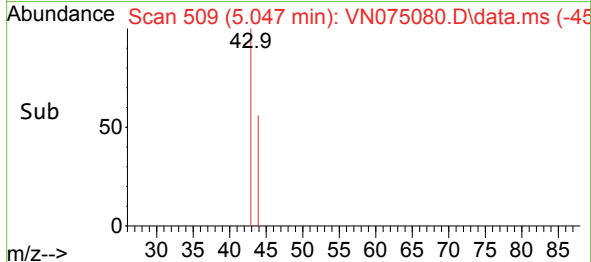
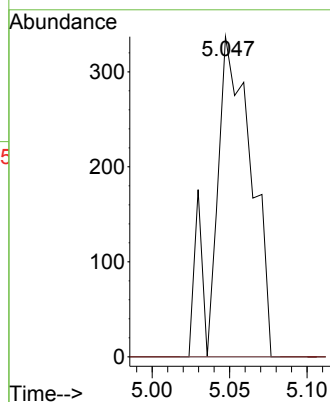
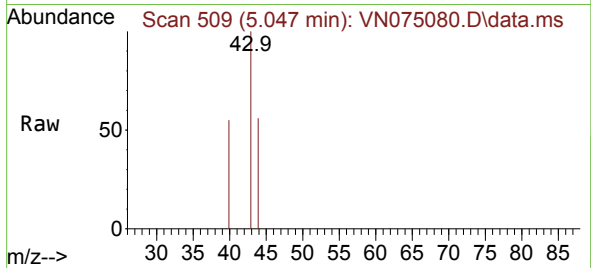




#18
Methyl Acetate
Concen: 0.288 ug/l
RT: 5.047 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

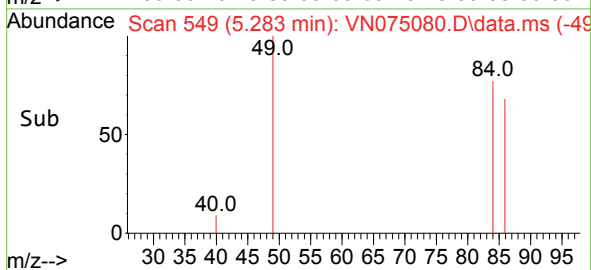
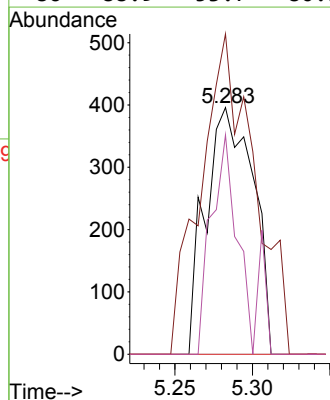
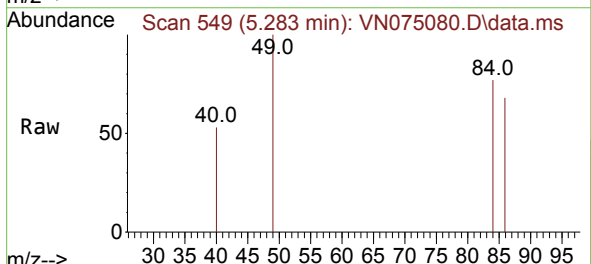
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

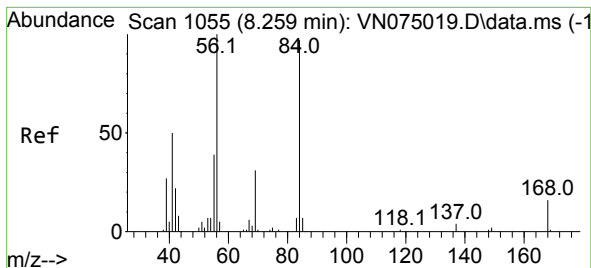
Tgt Ion: 43 Resp: 553
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 0.645 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

Tgt Ion: 84 Resp: 846
Ion Ratio Lower Upper
84 100
49 88.4 94.9 142.3#
51 0.0 26.8 40.2#
86 88.9 53.7 80.5#





#31

Cyclohexane

Concen: 1.300 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.024 min

Lab File: VN075080.D

Acq: 31 Oct 2022 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBL01

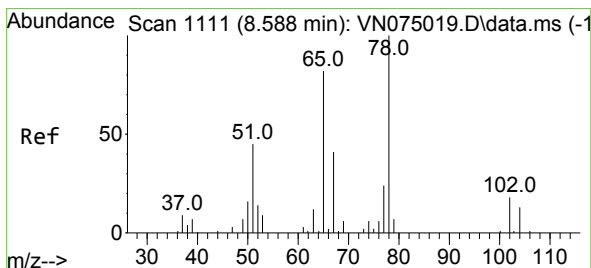
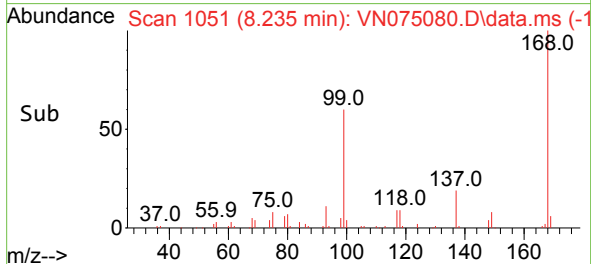
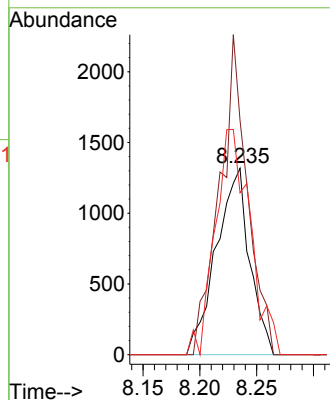
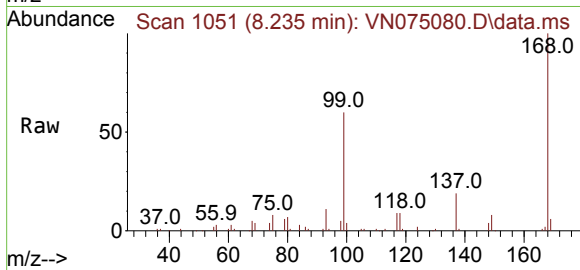
Tgt Ion: 56 Resp: 2685

Ion Ratio Lower Upper

56 100

69 125.6 25.2 37.8#

84 86.9 77.8 116.8



#33

1,2-Dichloroethane-d4

Concen: 58.632 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075080.D

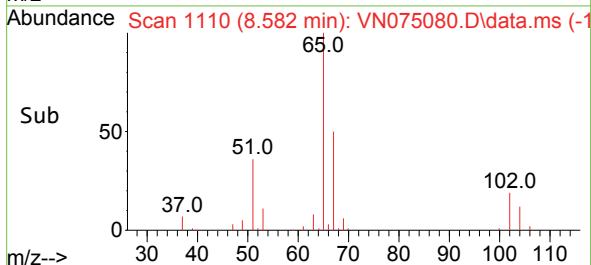
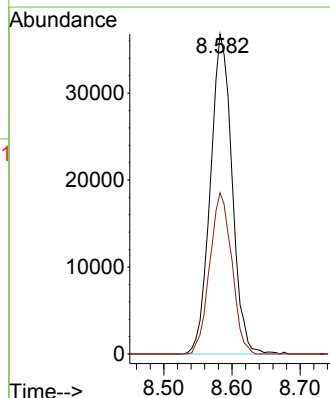
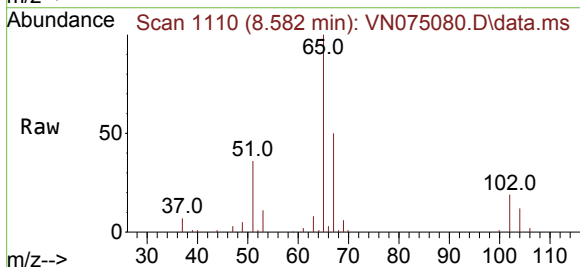
Acq: 31 Oct 2022 12:15

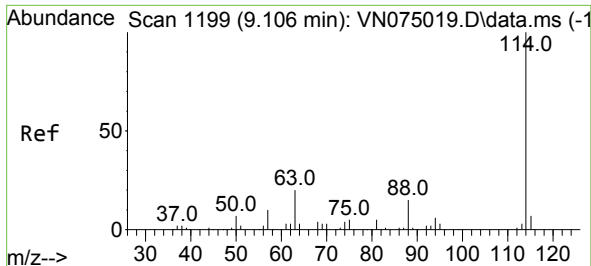
Tgt Ion: 65 Resp: 81434

Ion Ratio Lower Upper

65 100

67 51.1 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: VN075080.D

Acq: 31 Oct 2022 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBL01

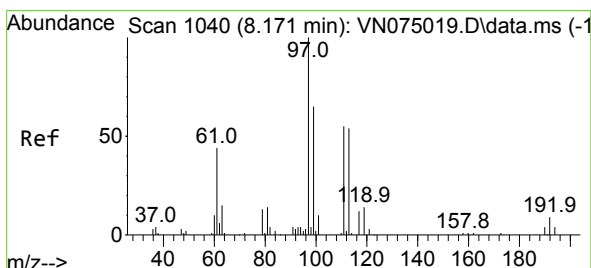
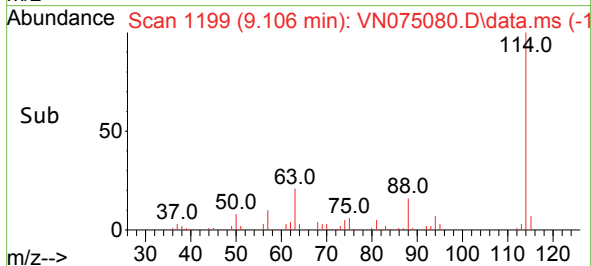
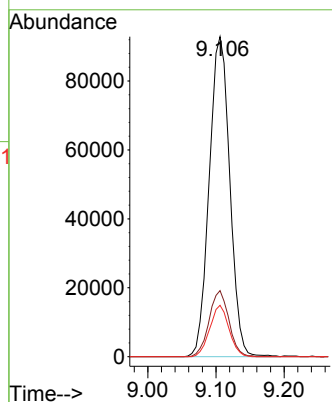
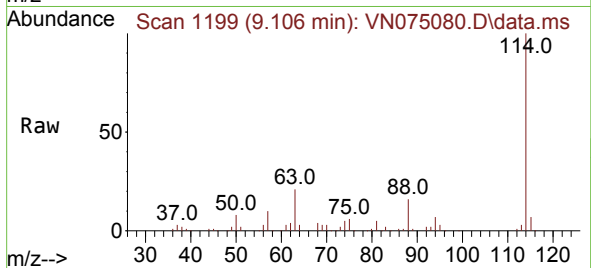
Tgt Ion:114 Resp: 194844

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

88 16.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.811 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075080.D

Acq: 31 Oct 2022 12:15

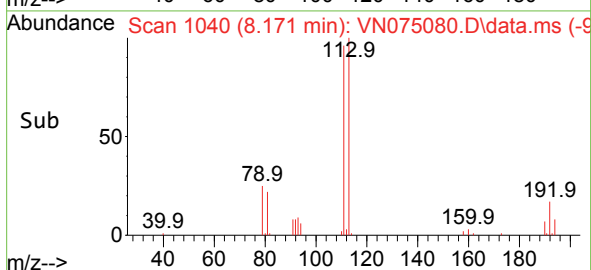
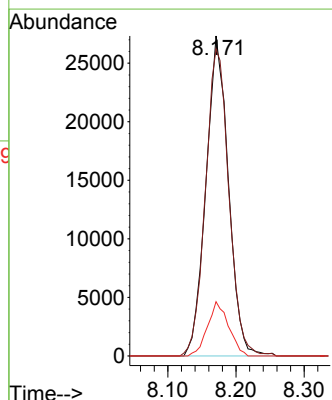
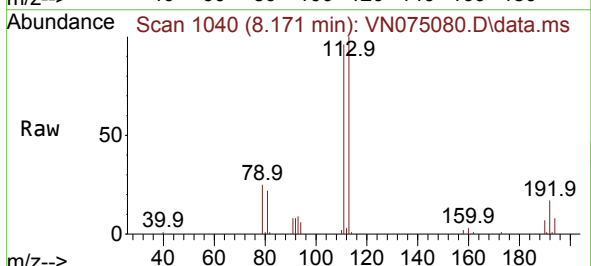
Tgt Ion:113 Resp: 62695

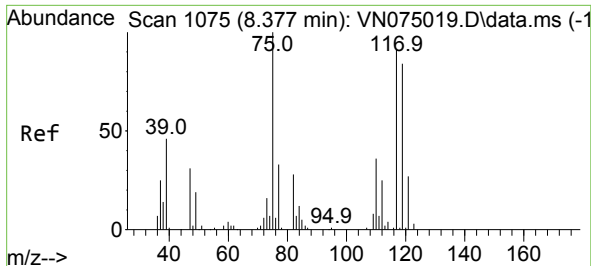
Ion Ratio Lower Upper

113 100

111 100.1 80.5 120.7

192 15.9 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.059 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.148 min

Lab File: VN075080.D

Acq: 31 Oct 2022 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBL01

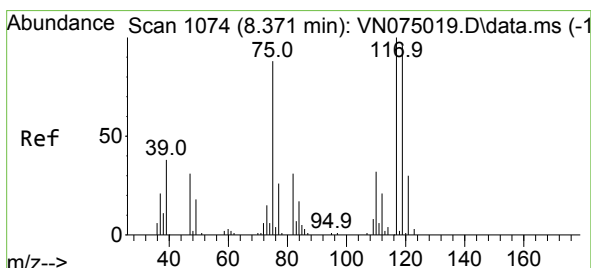
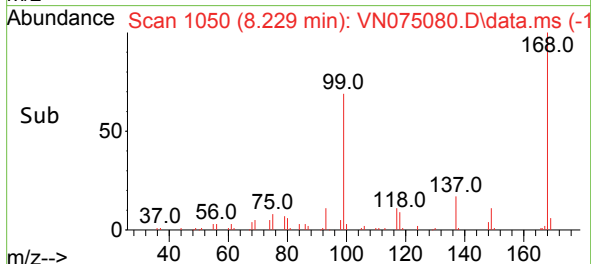
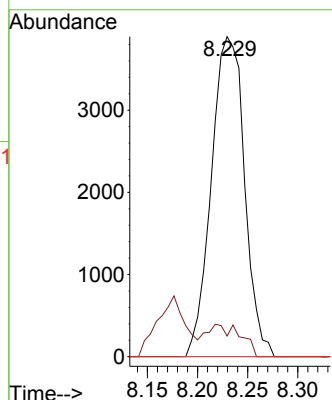
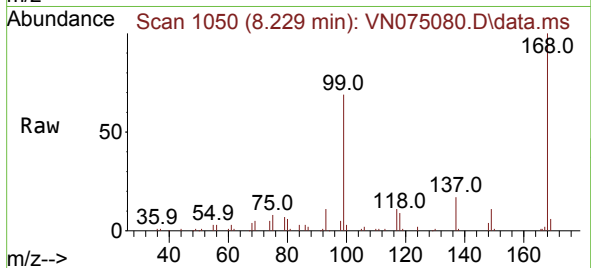
Tgt Ion: 75 Resp: 8958

Ion Ratio Lower Upper

75 100

110 10.5 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.787 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.142 min

Lab File: VN075080.D

Acq: 31 Oct 2022 12:15

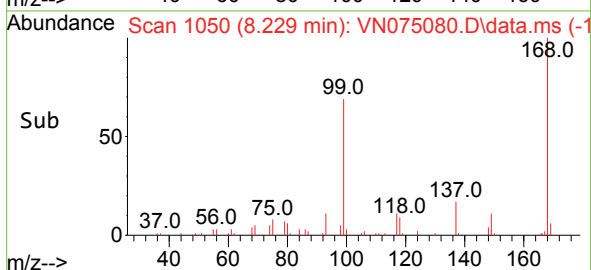
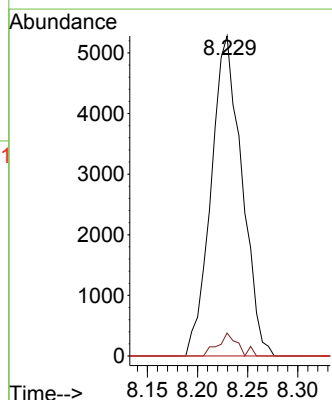
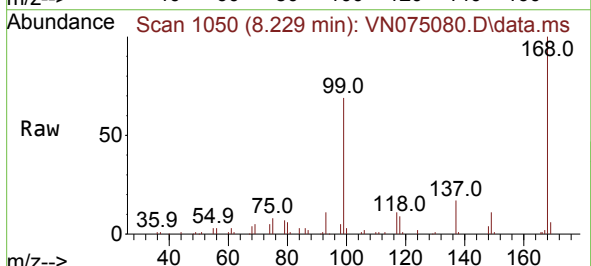
Tgt Ion: 117 Resp: 11272

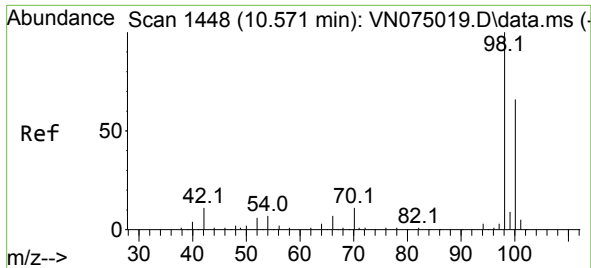
Ion Ratio Lower Upper

117 100

119 7.2 76.7 115.1#

121 0.0 23.9 35.9#

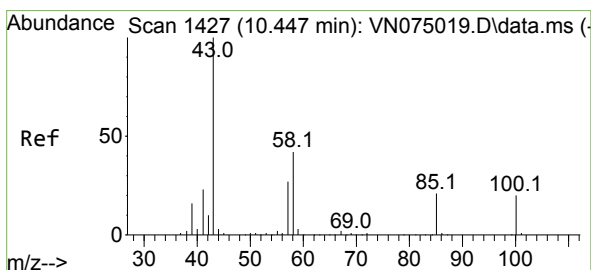
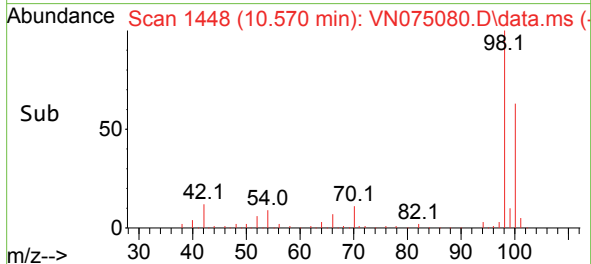
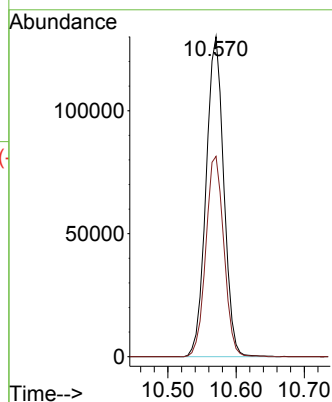
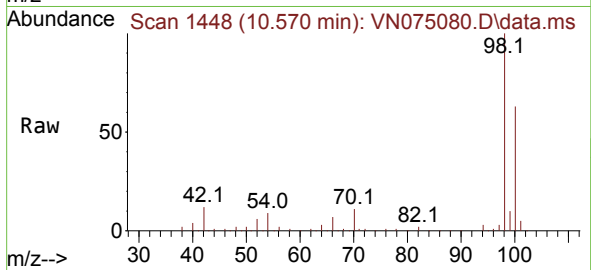




#50
Toluene-d8
Concen: 52.913 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

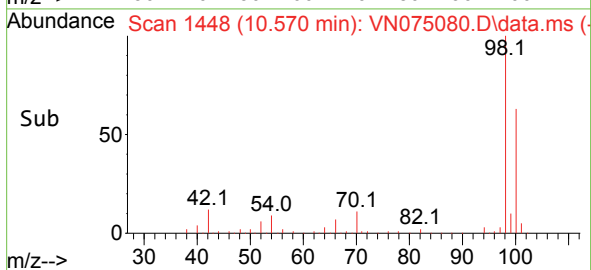
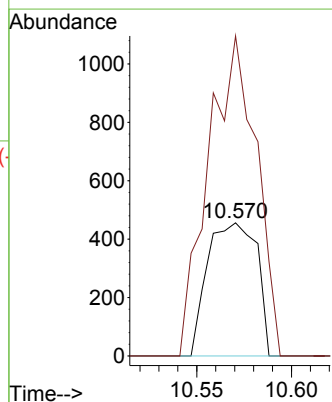
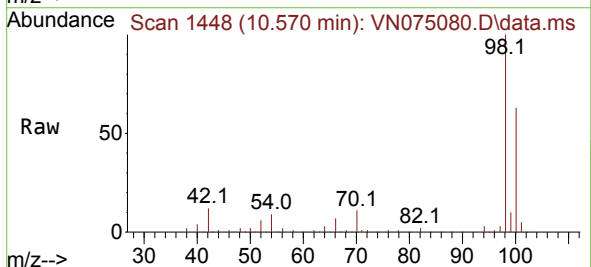
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

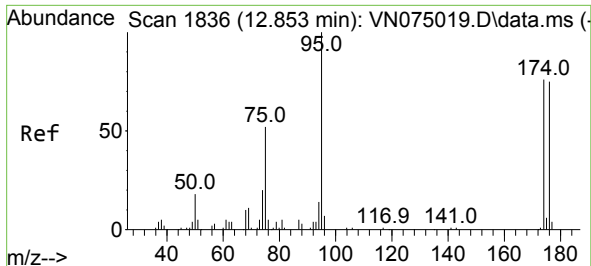
Tgt Ion: 98 Resp: 234814
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.423 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.123 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 233.9 33.6 50.4#

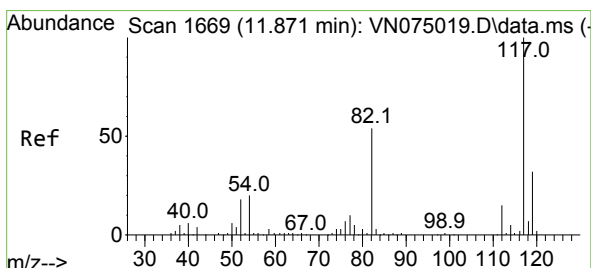
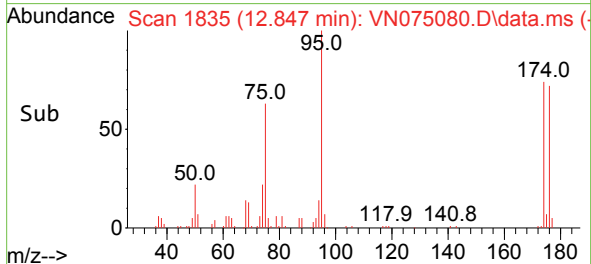
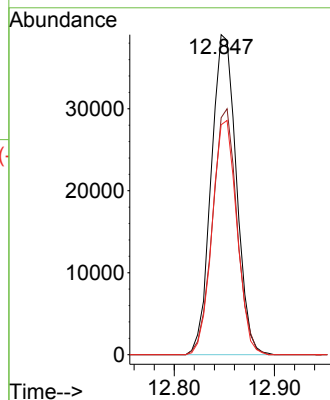
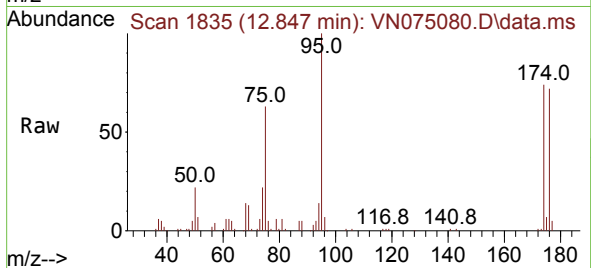




#62
4-Bromofluorobenzene
Concen: 43.605 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

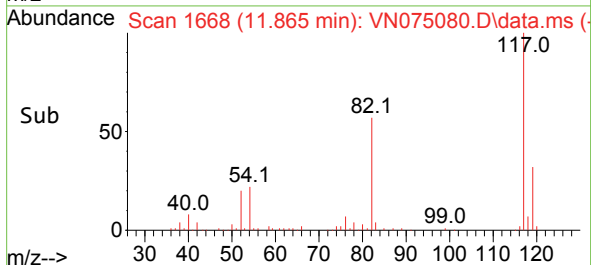
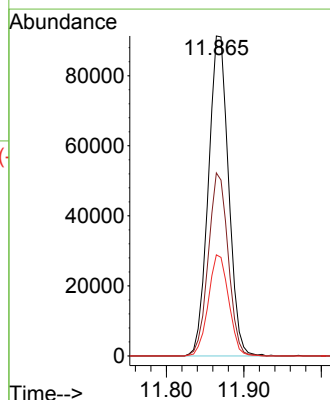
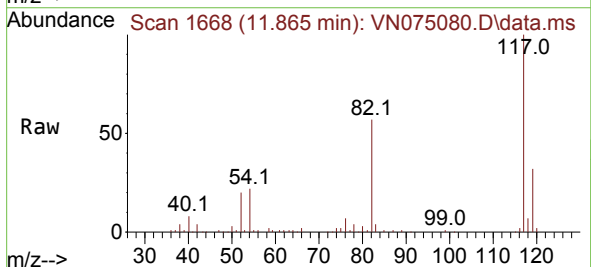
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

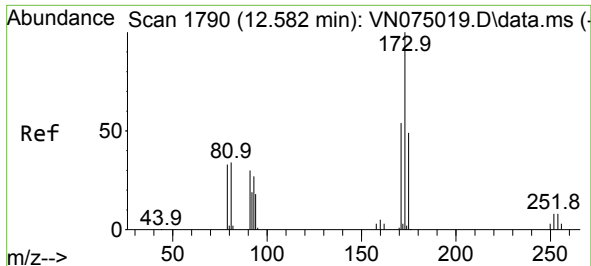
Tgt Ion: 95 Resp: 67976
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.4
176 71.9 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

Tgt Ion: 117 Resp: 165175
Ion Ratio Lower Upper
117 100
82 57.2 43.1 64.7
119 31.6 25.5 38.3

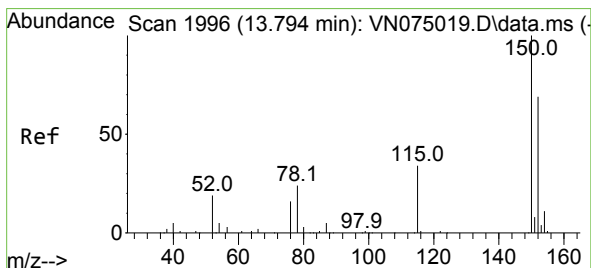
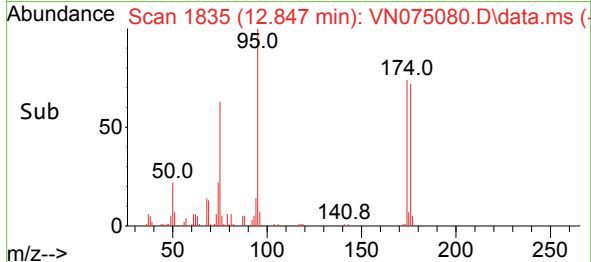
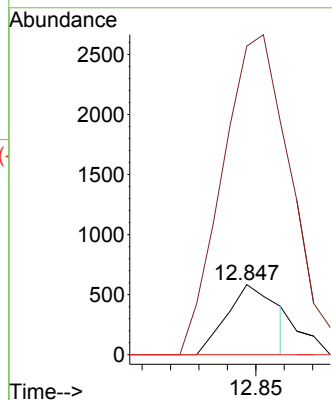
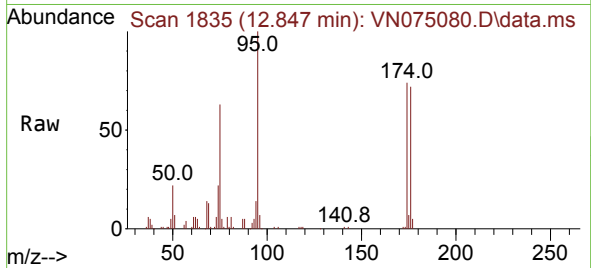




#71
Bromoform
Concen: 0.726 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

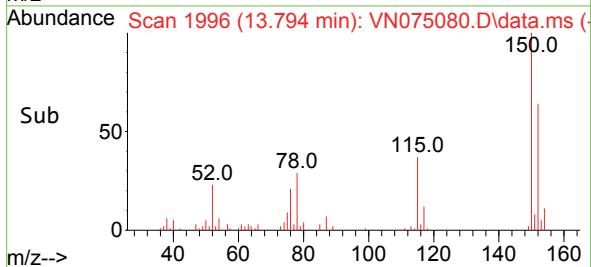
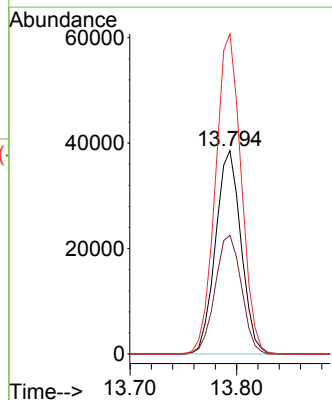
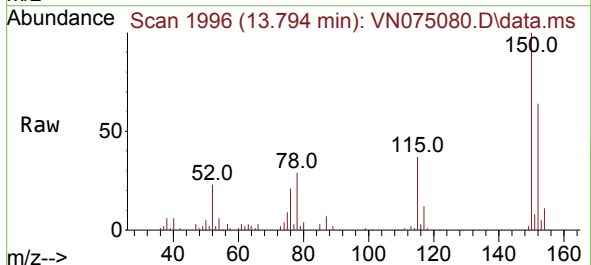
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

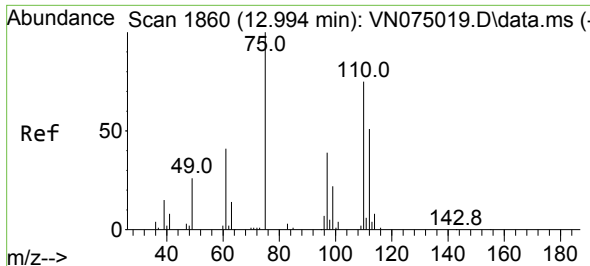
Tgt Ion:173 Resp: 711
Ion Ratio Lower Upper
173 100
175 526.6 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

Tgt Ion:152 Resp: 64000
Ion Ratio Lower Upper
152 100
115 60.4 30.2 90.6
150 159.0 0.0 348.4

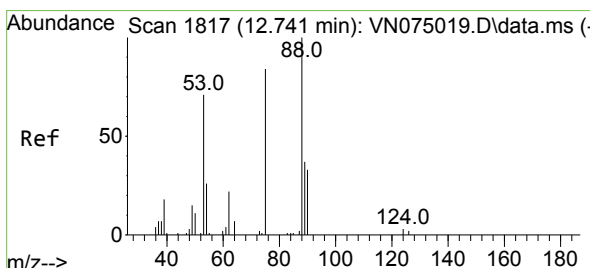
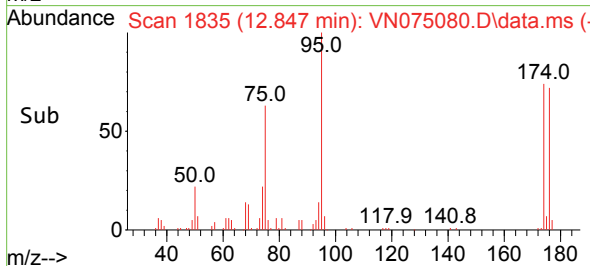
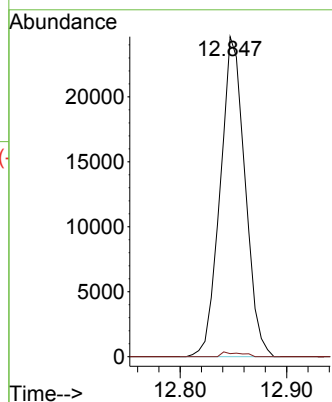
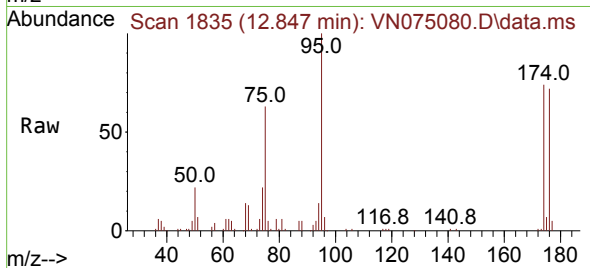




#76
1,2,3-Trichloropropane
Concen: 29.295 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

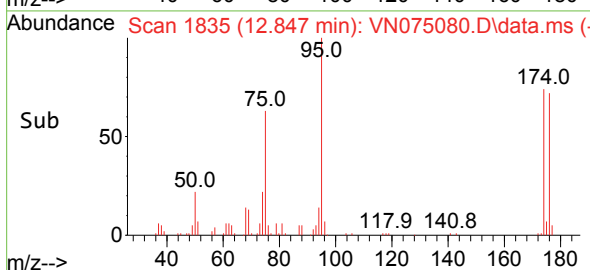
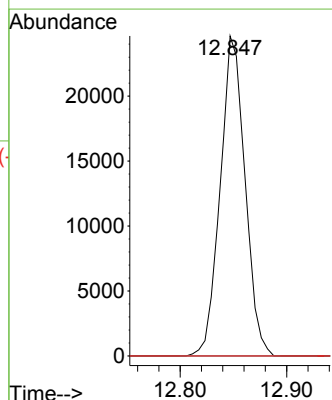
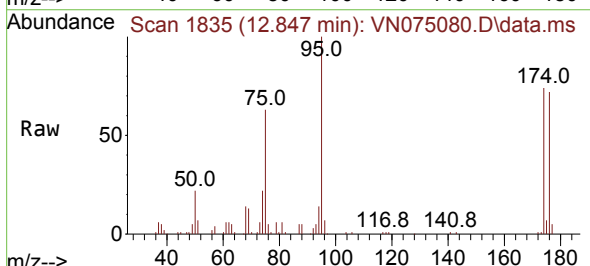
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

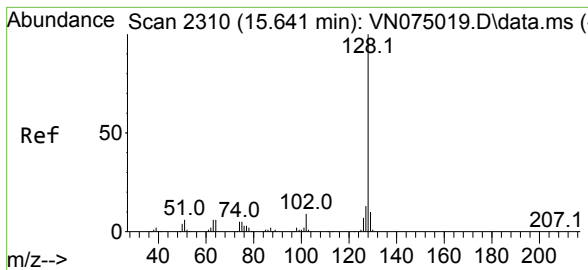
Tgt Ion: 75 Resp: 39809
Ion Ratio Lower Upper
75 100
77 1.2 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.201 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

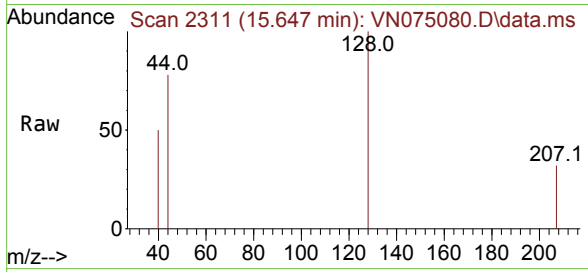
Tgt Ion: 75 Resp: 39809
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#95
 Naphthalene
 Concen: 0.234 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN075080.D
 Acq: 31 Oct 2022 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBL01



Tgt Ion:	128	Resp:	854
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	12.8#

