

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072948.D
 Acq On : 20 Jun 2022 09:40
 Operator : JC\MD
 Sample : VN0620WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBL02

Quant Time: Jun 21 05:53:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

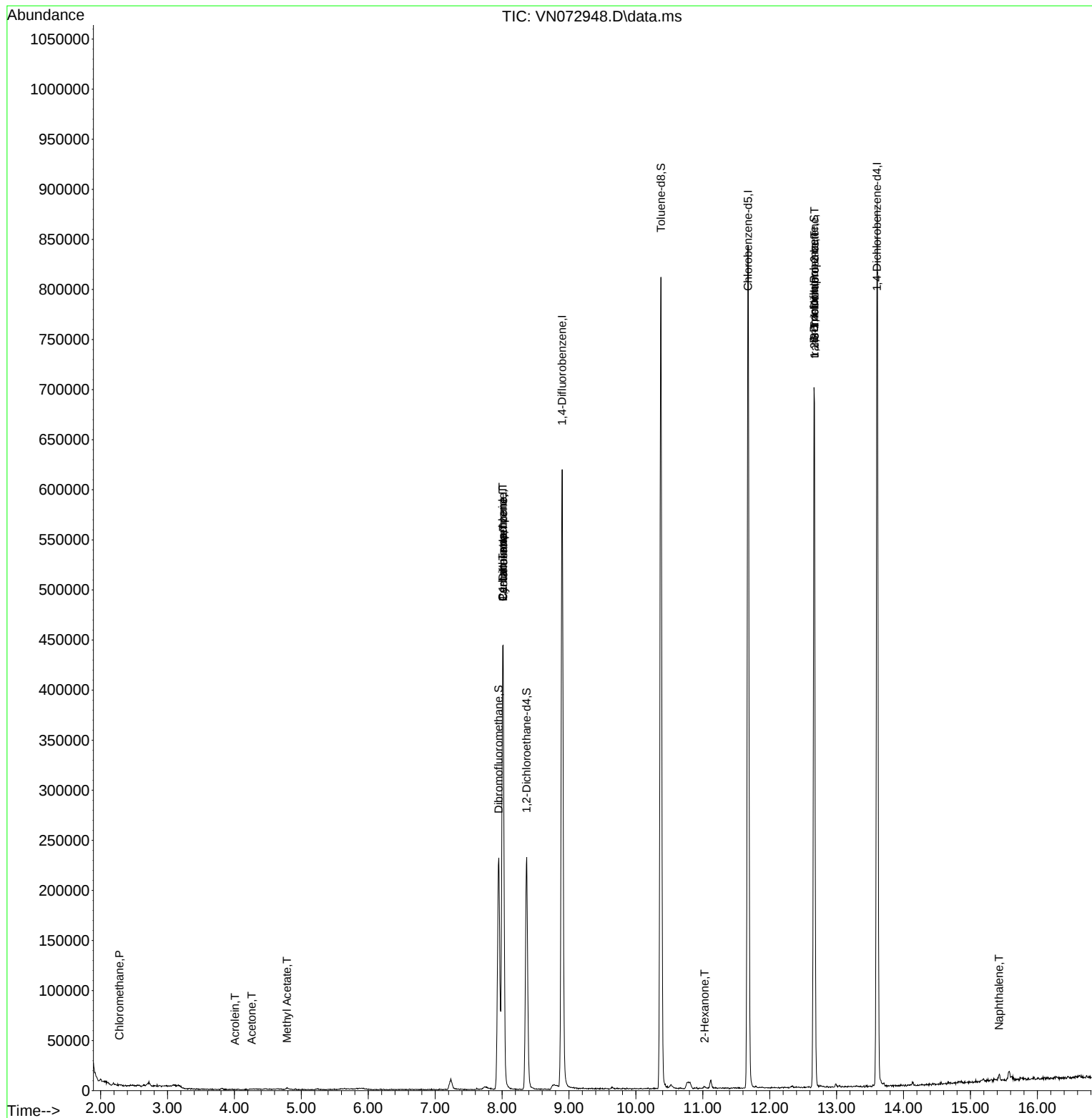
Internal Standards						
1) Pentafluorobenzene	8.016	168	349671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	552859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.674	117	497680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	248498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196996	41.671	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.340%		
35) Dibromofluoromethane	7.951	113	173081	50.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.300%		
50) Toluene-d8	10.375	98	567245	44.611	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.220%		
62) 4-Bromofluorobenzene	12.663	95	247375	54.103	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.200%		
Target Compounds					Qvalue	
3) Chloromethane	2.281	50	522	0.713	ug/l #	43
13) Acrolein	4.010	56	119	0.247	ug/l	85
16) Acetone	4.257	43	1107	0.426	ug/l #	42
18) Methyl Acetate	4.787	43	3913	0.565	ug/l #	61
20) Methylene Chloride	5.016	84	124	Below Cal	#	10
26) 2,2-Dichloropropane	7.251	77	536	Below Cal	#	53
31) Cyclohexane	8.016	56	7242	1.132	ug/l #	44
36) 1,1-Dichloropropene	8.010	75	27047	5.849	ug/l #	50
38) Carbon Tetrachloride	8.010	117	34610	7.116	ug/l #	17
59) 2-Hexanone	11.027	43	1706	0.320	ug/l #	49
71) Bromoform	12.663	173	1415	0.507	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	126228	20.951	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	126228	56.582	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.521	75	60	Below Cal	#	1
95) Naphthalene	15.427	128	5230	0.272	ug/l #	91

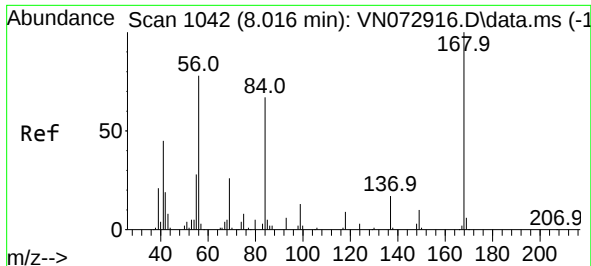
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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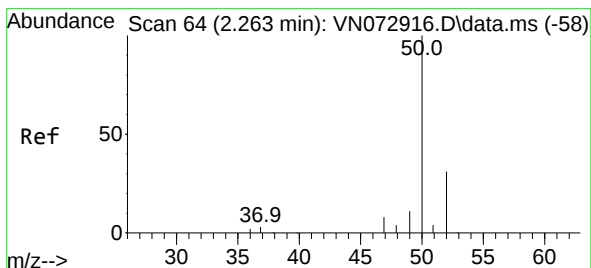
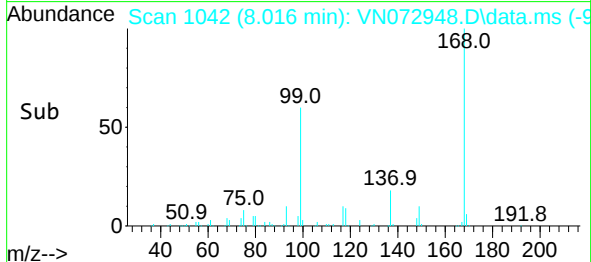
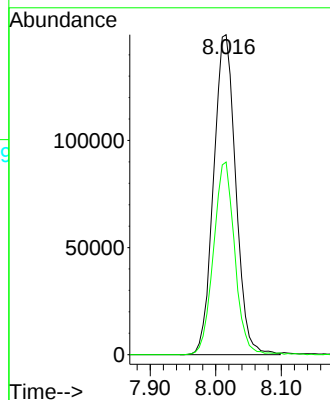
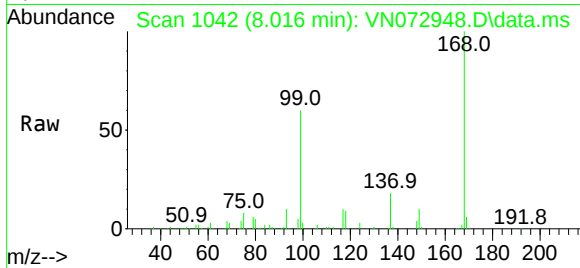




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

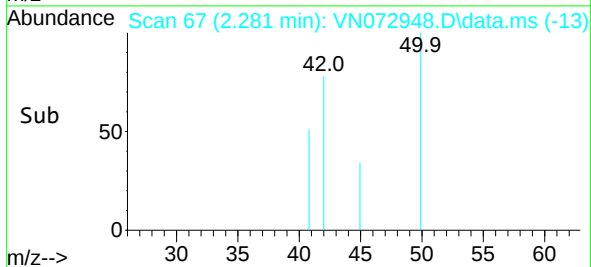
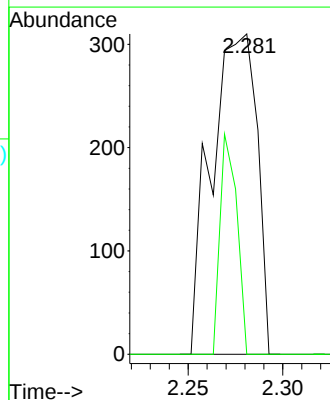
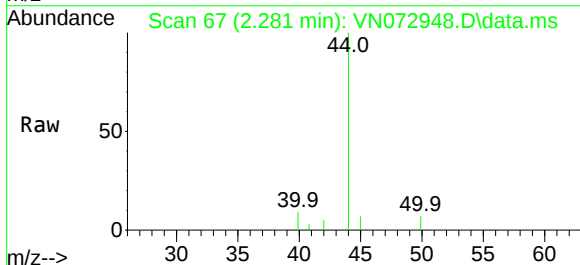
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL02

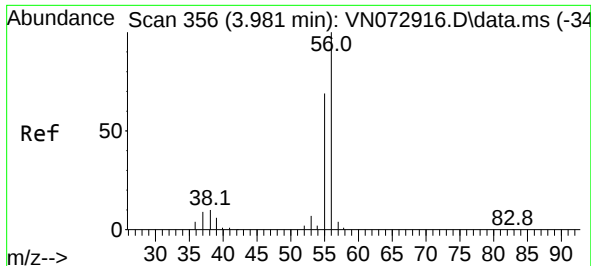
Tgt Ion:168 Resp: 349671
Ion Ratio Lower Upper
168 100
99 60.2 42.3 63.5



#3
Chloromethane
Concen: 0.713 ug/l
RT: 2.281 min Scan# 67
Delta R.T. 0.018 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

Tgt Ion: 50 Resp: 522
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

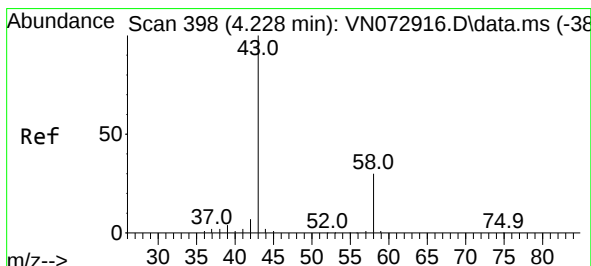
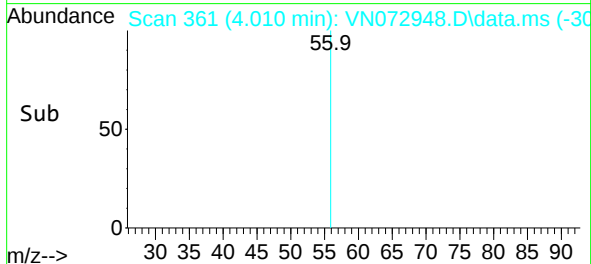
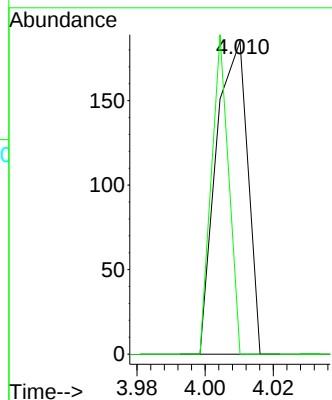
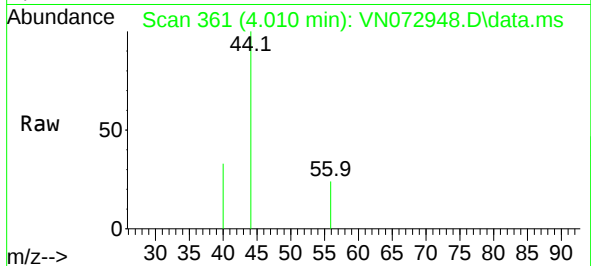




#13
Acrolein
Concen: 0.247 ug/l
RT: 4.010 min Scan# 30
Delta R.T. 0.029 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

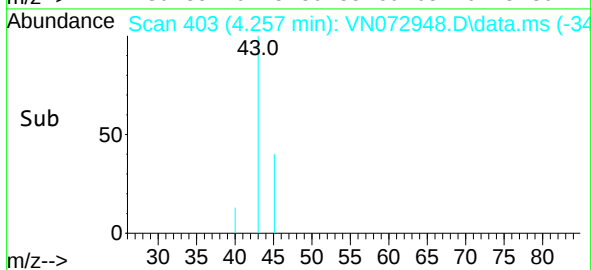
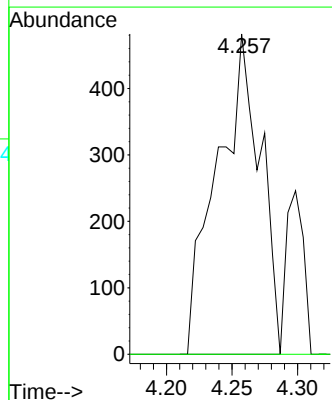
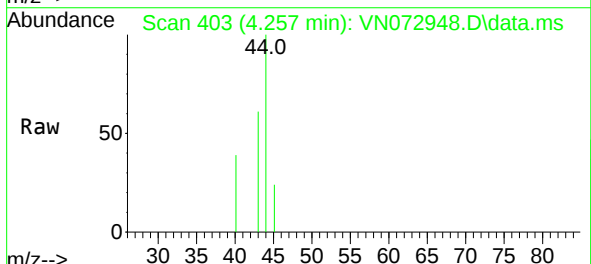
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL02

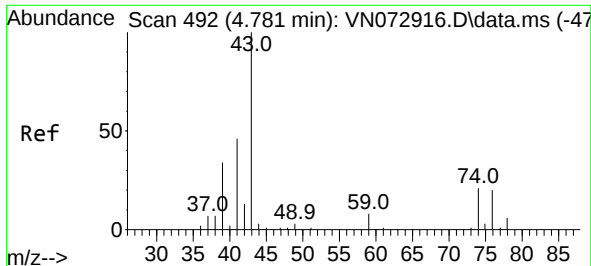
Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
55 56.3 54.8 82.2



#16
Acetone
Concen: 0.426 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.029 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

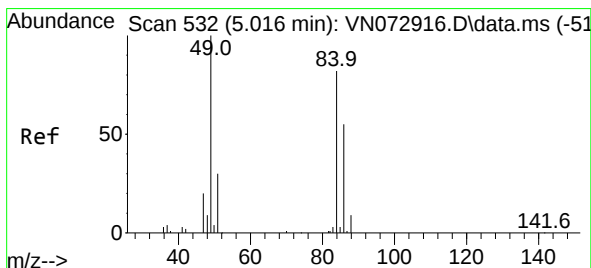
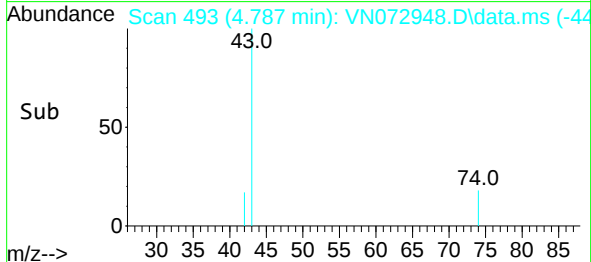
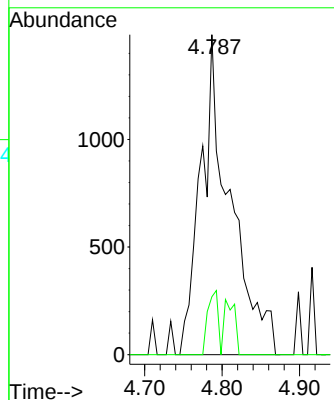
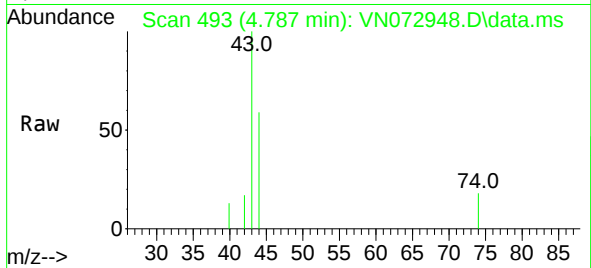




#18
Methyl Acetate
Concen: 0.565 ug/l
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

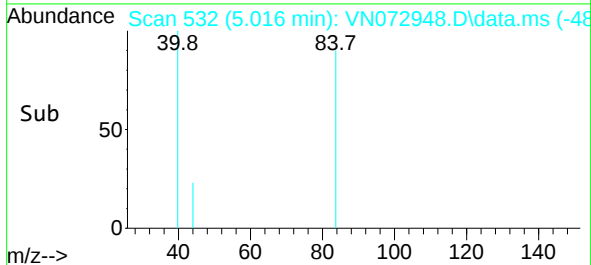
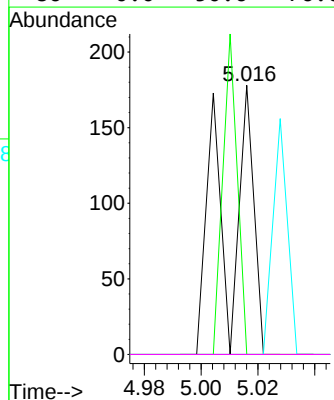
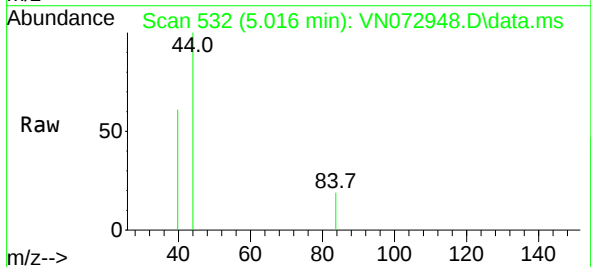
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL02

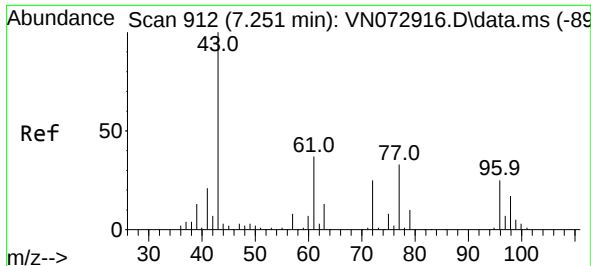
Tgt Ion: 43 Resp: 3913
Ion Ratio Lower Upper
43 100
74 6.9 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

Tgt Ion: 84 Resp: 124
Ion Ratio Lower Upper
84 100
49 0.0 88.3 132.5#
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#

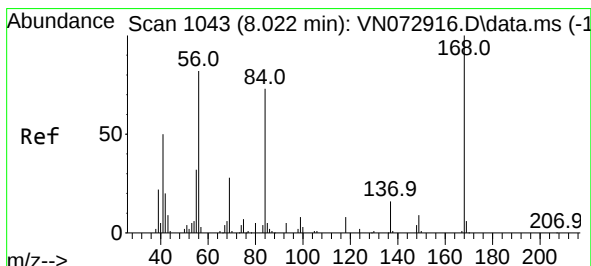
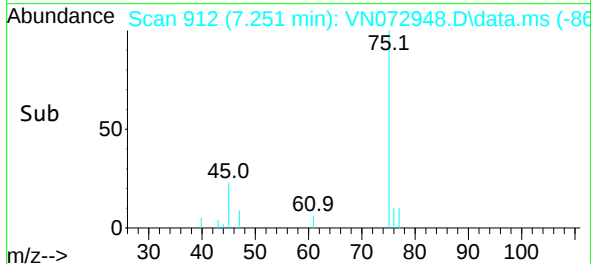
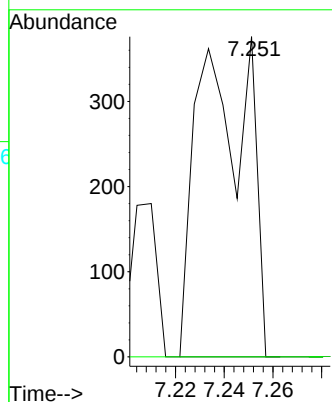
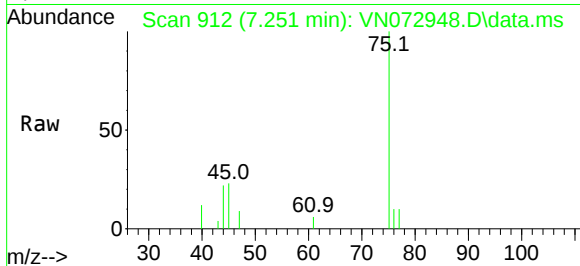




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

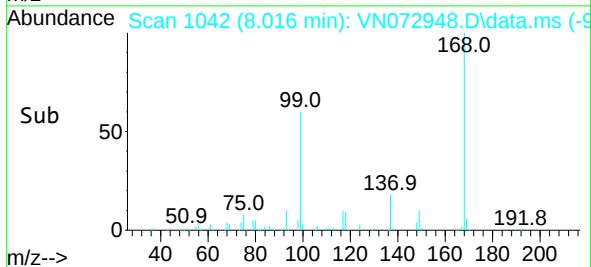
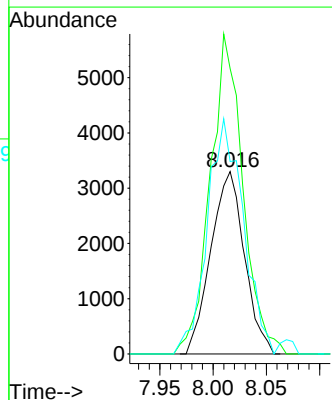
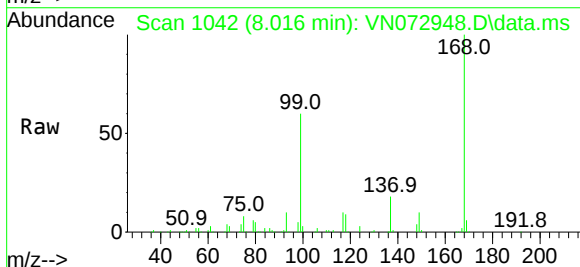
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL02

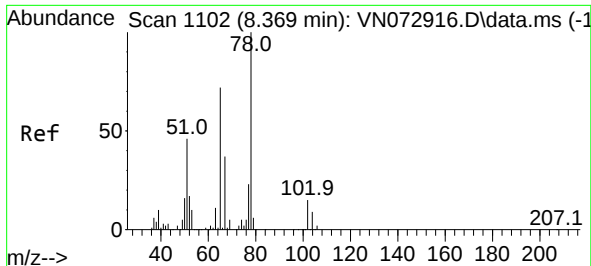
Tgt Ion: 77 Resp: 536
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

Tgt Ion: 56 Resp: 7242
Ion Ratio Lower Upper
56 100
69 151.3 27.8 41.8#
84 99.7 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 41.671 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072948.D

Acq: 20 Jun 2022 09:40

Instrument :

MSVOA_N

ClientSampleId :

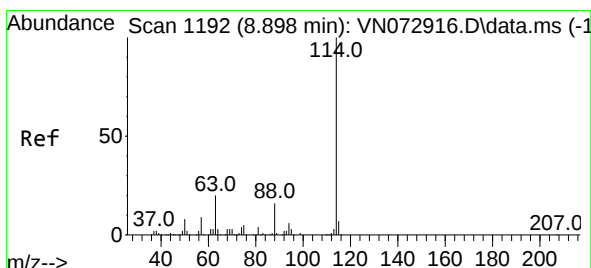
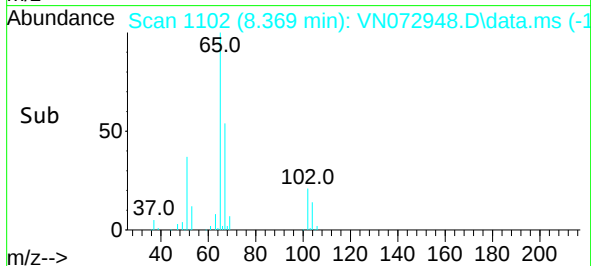
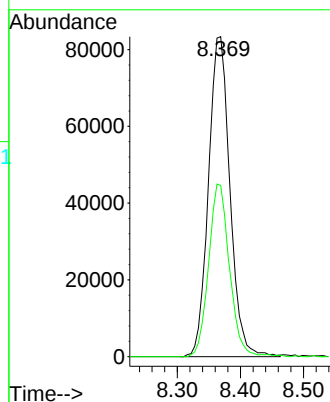
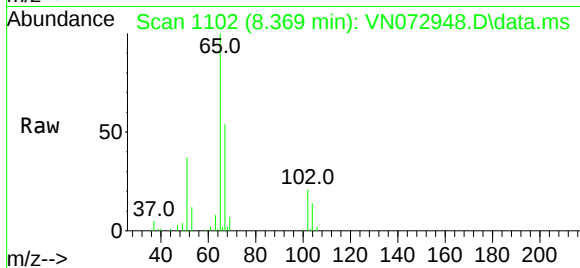
VN0620WBL02

Tgt Ion: 65 Resp: 196996

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072948.D

Acq: 20 Jun 2022 09:40

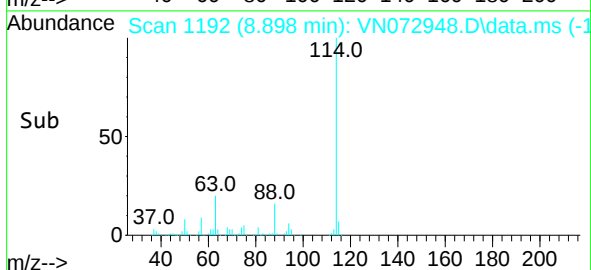
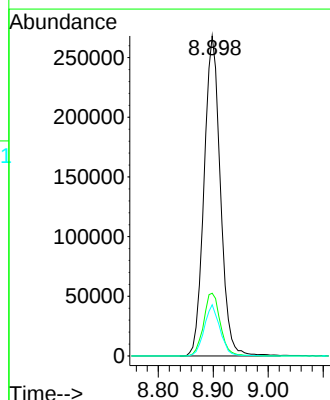
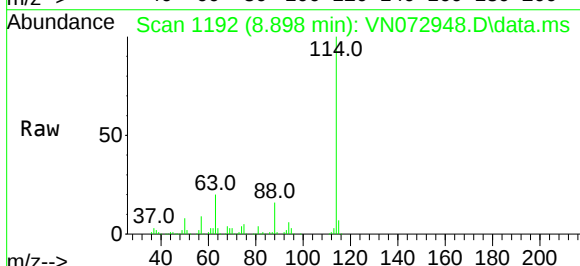
Tgt Ion: 114 Resp: 552859

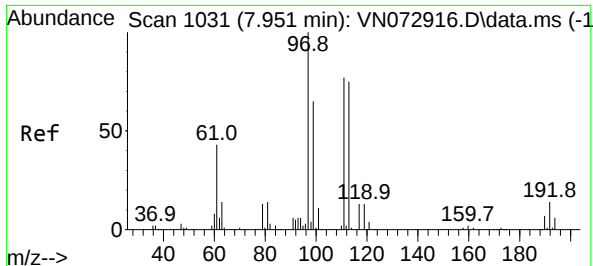
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.650 ug/l

RT: 7.951 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN072948.D

Acq: 20 Jun 2022 09:40

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBL02

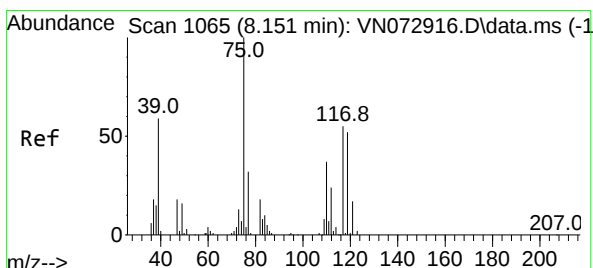
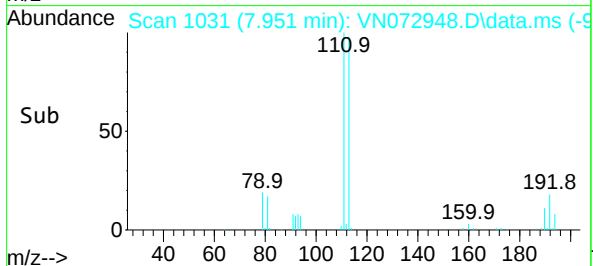
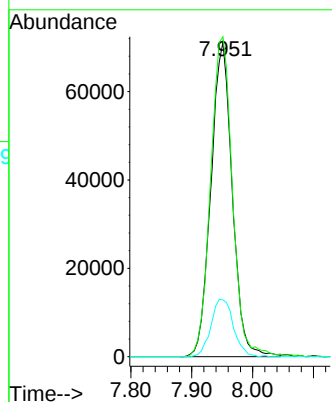
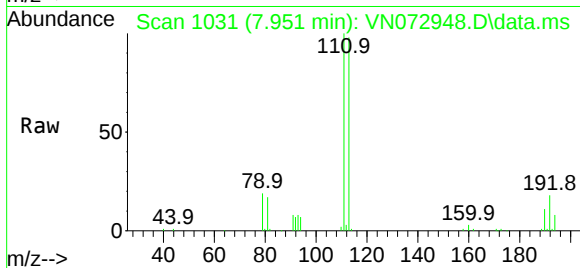
Tgt Ion:113 Resp: 173081

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 19.2 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.849 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN072948.D

Acq: 20 Jun 2022 09:40

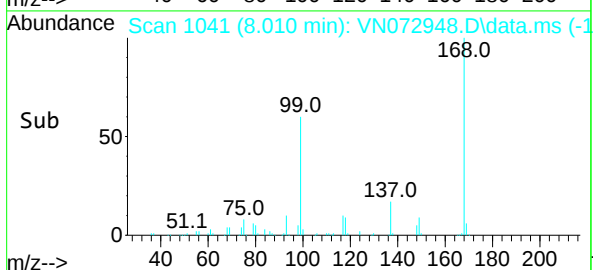
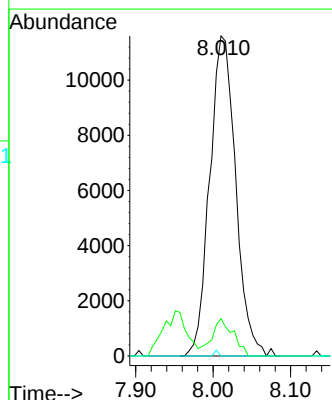
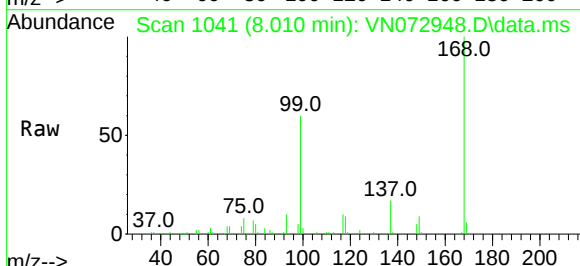
Tgt Ion: 75 Resp: 27047

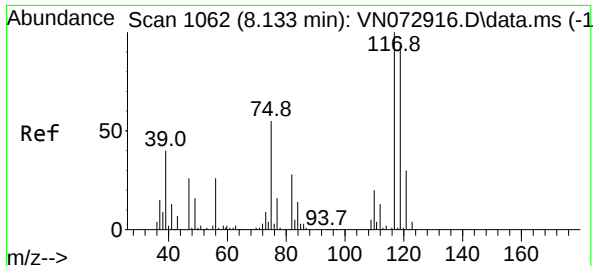
Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.3 25.1 37.7#

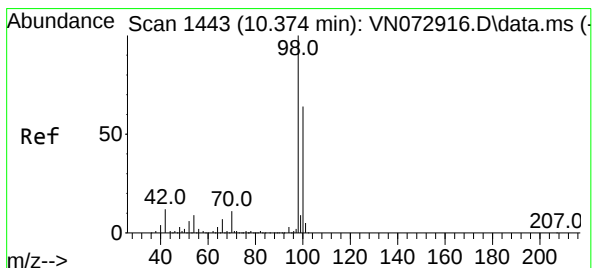
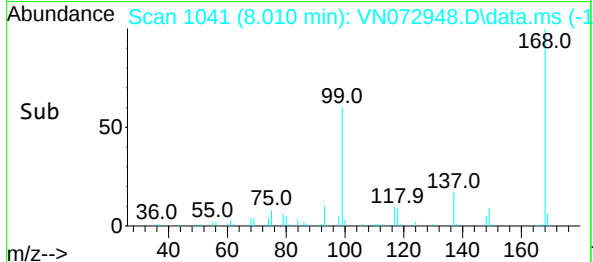
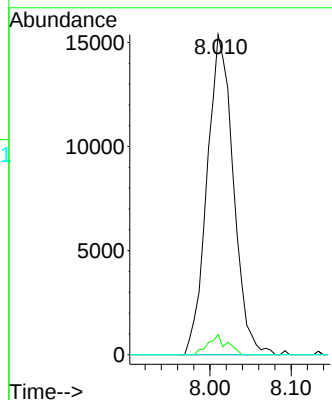
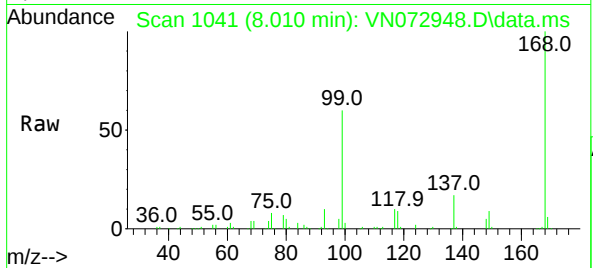




#38
Carbon Tetrachloride
Concen: 7.116 ug/l
RT: 8.010 min Scan# 1062
Delta R.T. -0.123 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

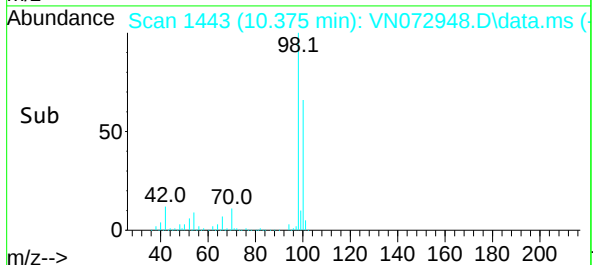
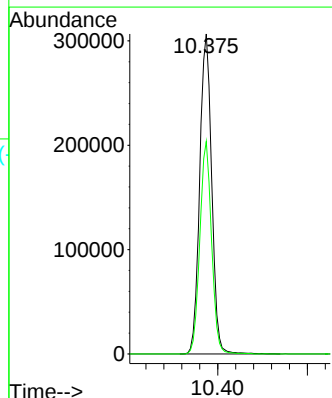
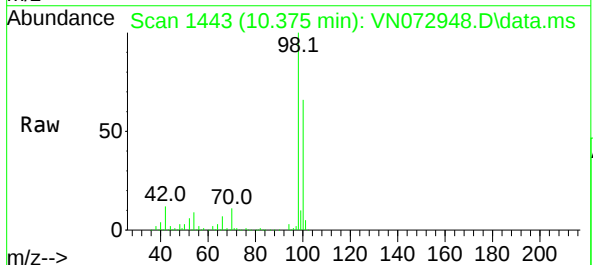
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL02

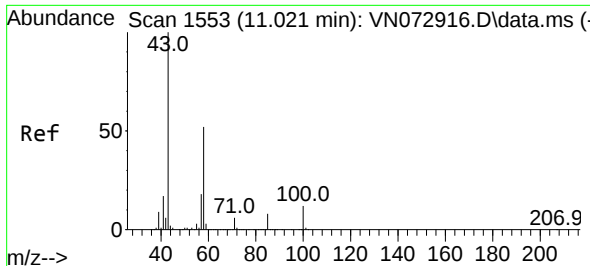
Tgt Ion:117 Resp: 34610
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.611 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

Tgt Ion: 98 Resp: 567245
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

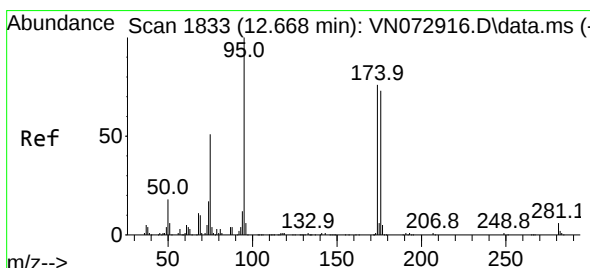
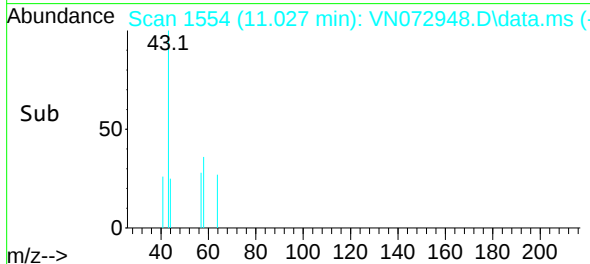
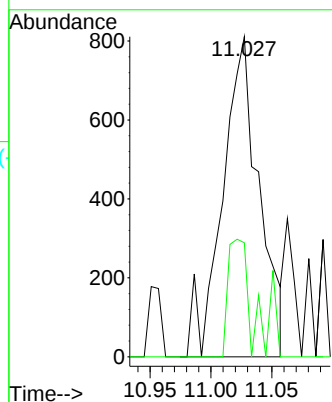
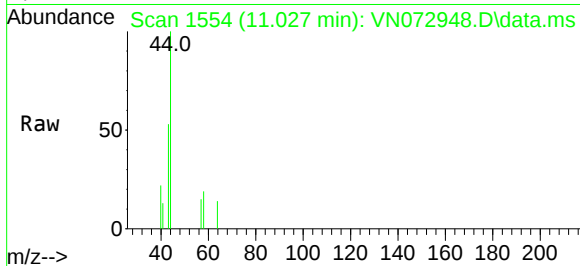




#59
2-Hexanone
Concen: 0.320 ug/l
RT: 11.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

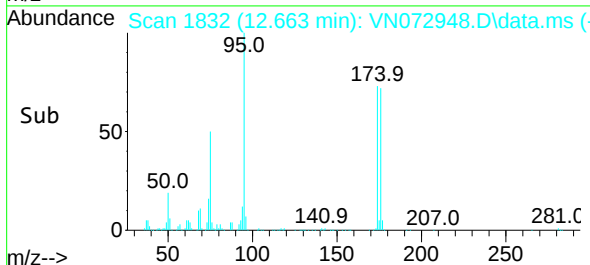
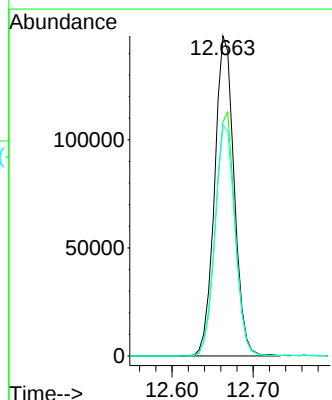
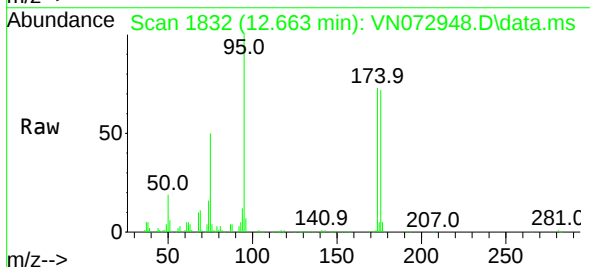
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL02

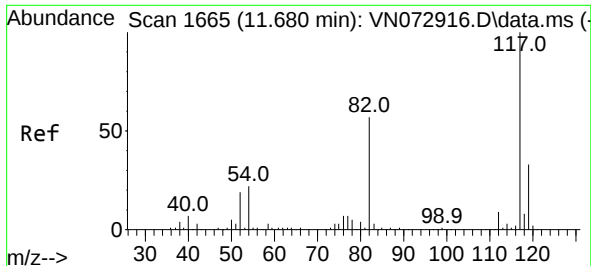
Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
58 21.3 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 54.103 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

Tgt Ion: 95 Resp: 247375
Ion Ratio Lower Upper
95 100
174 76.7 0.0 167.6
176 73.9 0.0 163.4

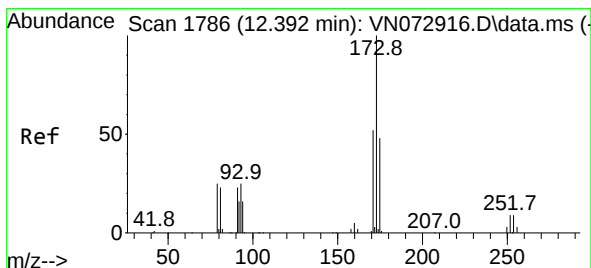
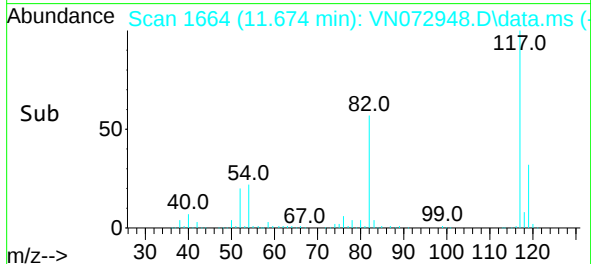
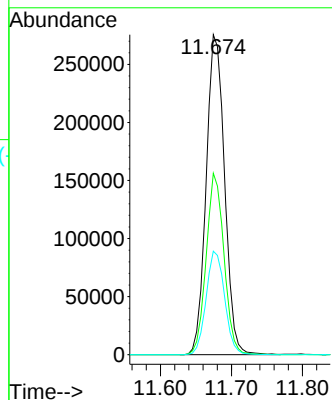
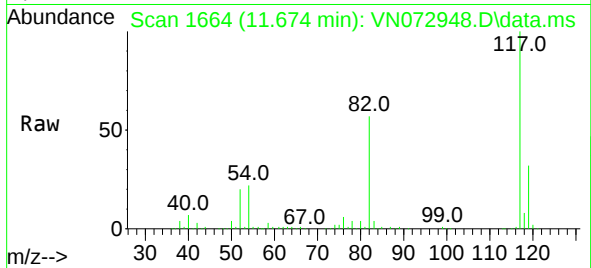




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.674 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

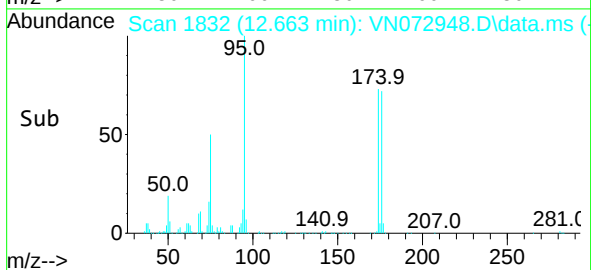
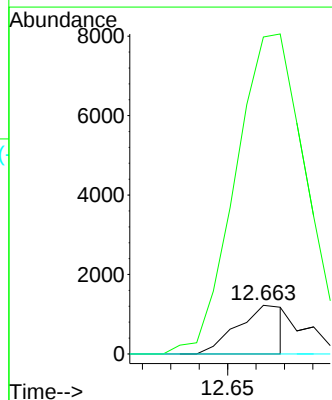
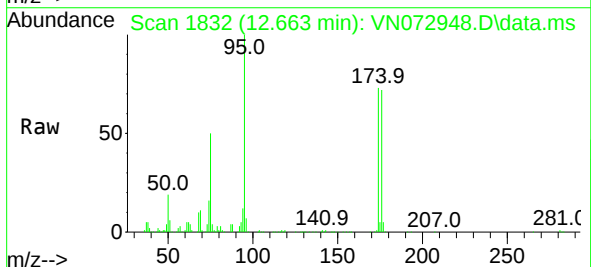
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL02

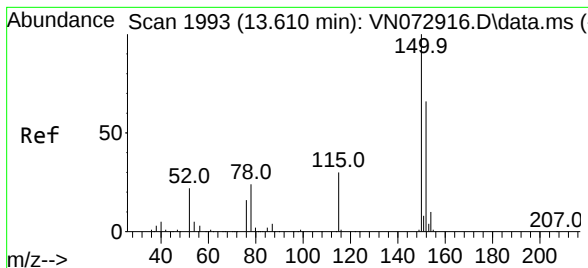
Tgt Ion:117 Resp: 497680
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 32.4 25.4 38.0



#71
Bromoform
Concen: 0.507 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.271 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

Tgt Ion:173 Resp: 1415
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

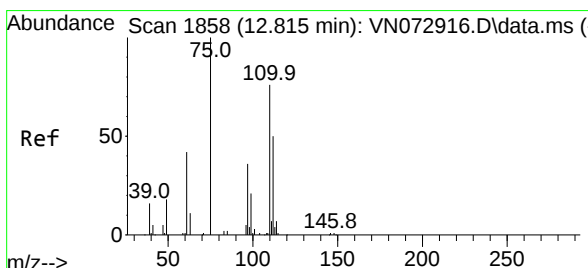
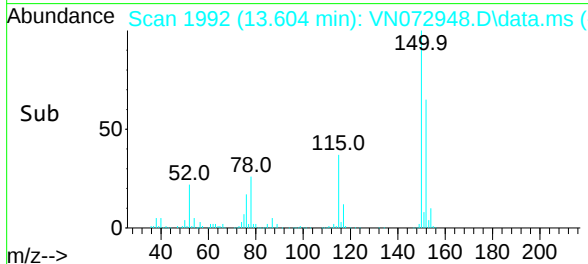
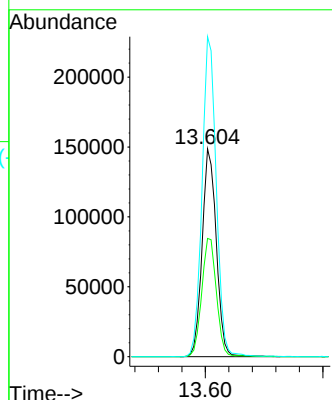
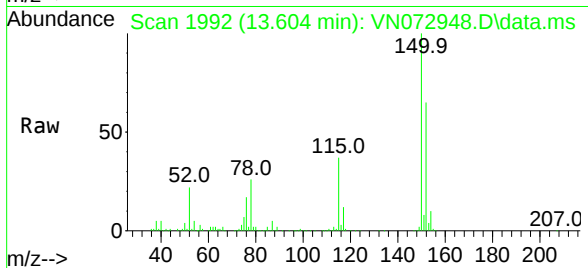




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.604 min Scan# 1993
 Delta R.T. -0.006 min
 Lab File: VN072948.D
 Acq: 20 Jun 2022 09:40

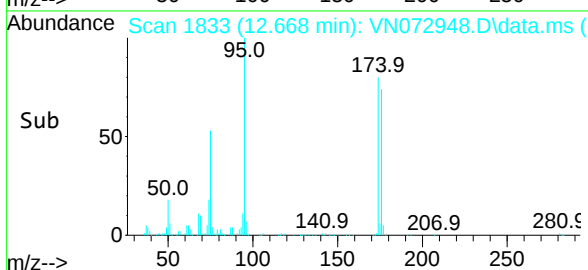
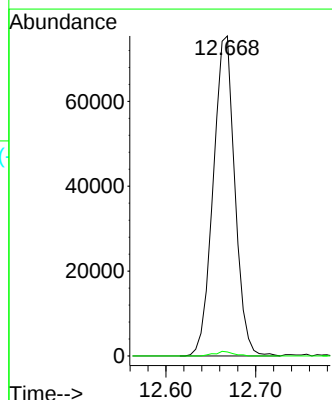
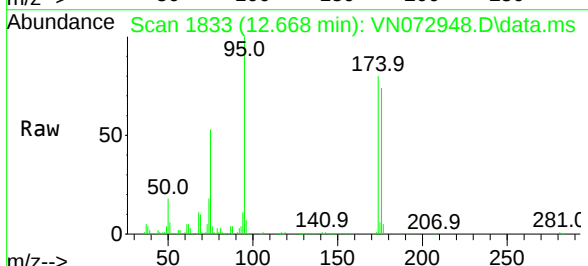
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBL02

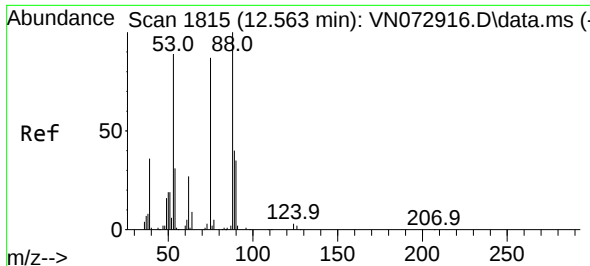
Tgt Ion:152 Resp: 248498
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.9 86.7
 150 153.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.951 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN072948.D
 Acq: 20 Jun 2022 09:40

Tgt Ion: 75 Resp: 126228
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

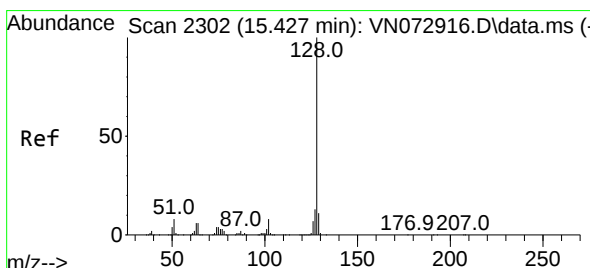
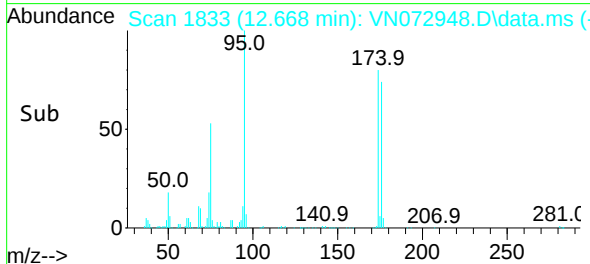
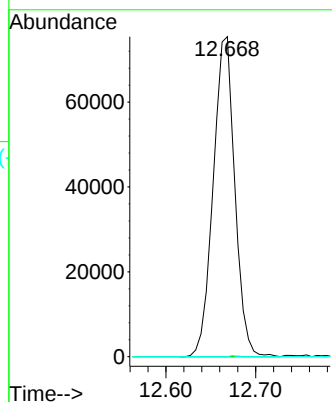
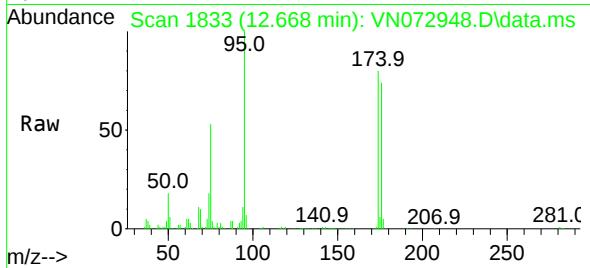




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.582 ug/l
 RT: 12.668 min Scan# 1815
 Delta R.T. 0.106 min
 Lab File: VN072948.D
 Acq: 20 Jun 2022 09:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBL02

Tgt Ion: 75 Resp: 126228
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.1 37.2 55.8#



#95
 Naphthalene
 Concen: 0.272 ug/l
 RT: 15.427 min Scan# 2302
 Delta R.T. 0.000 min
 Lab File: VN072948.D
 Acq: 20 Jun 2022 09:40

Tgt Ion: 128 Resp: 5230
 Ion Ratio Lower Upper
 128 100
 127 8.9 10.3 15.5#
 129 8.2 8.6 13.0#

