

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070642.D
 Acq On : 17 Jan 2022 13:50
 Operator : JC/MD
 Sample : VN0117WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBL01

Quant Time: Jan 17 17:02:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1142054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1869018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1629084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	549811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	724865	44.144	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.280%
35) Dibromofluoromethane	8.021	113	508683	44.982	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.960%
50) Toluene-d8	10.440	98	2119991	45.891	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	91.780%
62) 4-Bromofluorobenzene	12.731	95	740836	44.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.800%

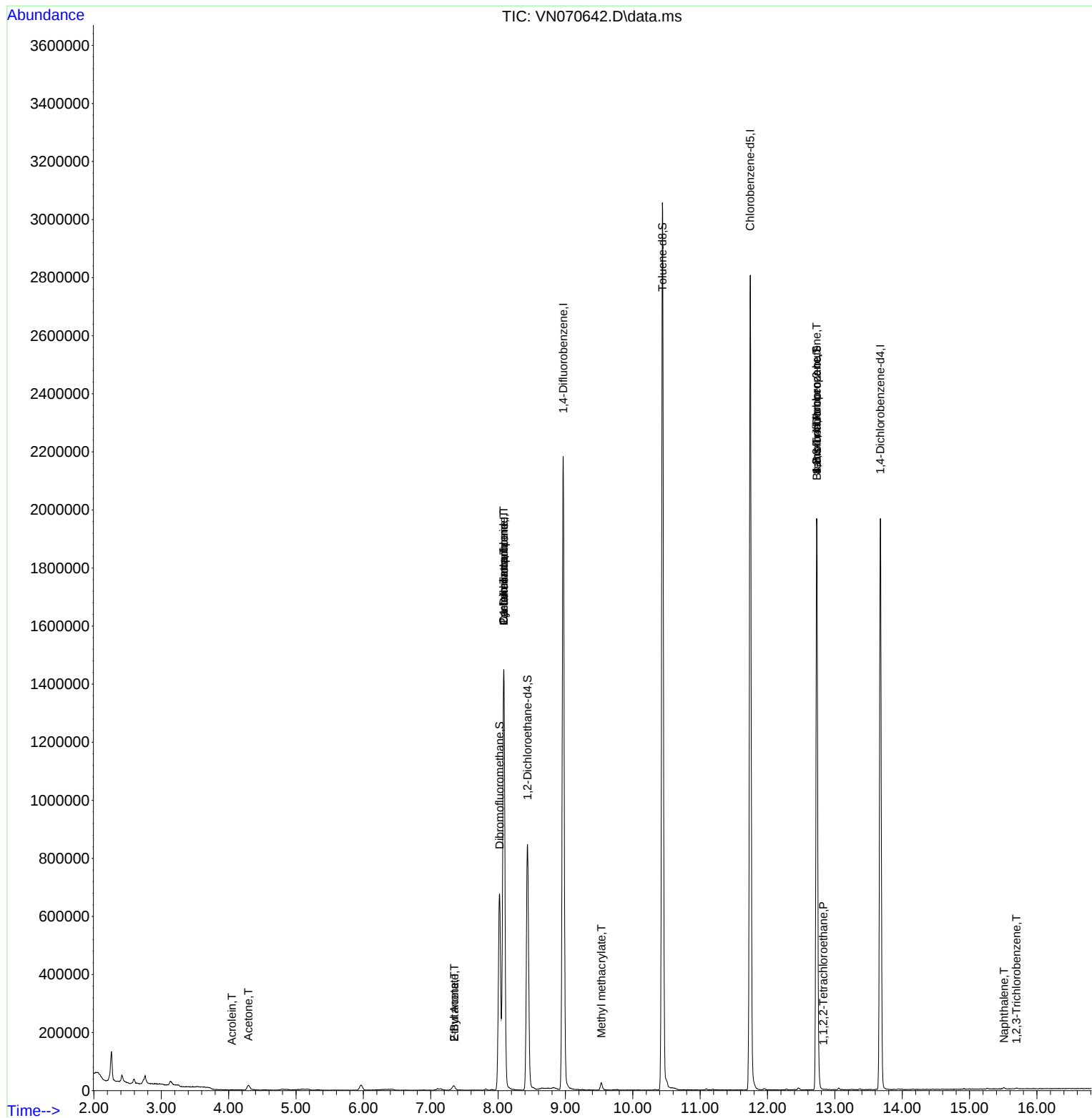
Target Compounds					Qvalue	
13) Acrolein	4.047	56	1002	0.452	ug/l #	68
16) Acetone	4.293	43	28147	2.641	ug/l	99
25) 2-Butanone	7.351	43	25193	1.877	ug/l	98
31) Cyclohexane	8.083	56	25324	0.977	ug/l #	1
36) 1,1-Dichloropropene	8.083	75	90221	4.823	ug/l #	49
37) Ethyl Acetate	7.351	43	25193	1.039	ug/l #	68
38) Carbon Tetrachloride	8.083	117	110390	6.180	ug/l #	16
48) Methyl methacrylate	9.534	41	7891	0.433	ug/l #	36
71) Bromoform	12.733	173	4185	0.457	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.830	83	50	0.450	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	377444	24.655	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	377444	83.874	ug/l #	5
95) Naphthalene	15.512	128	4944	1.987	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.697	180	990	0.938	ug/l #	81

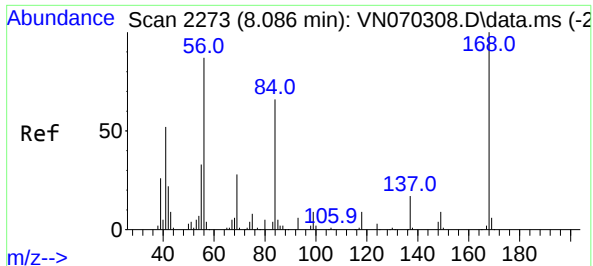
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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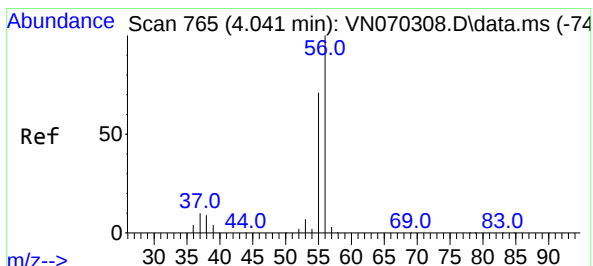
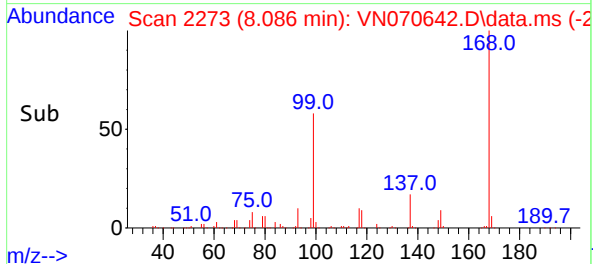
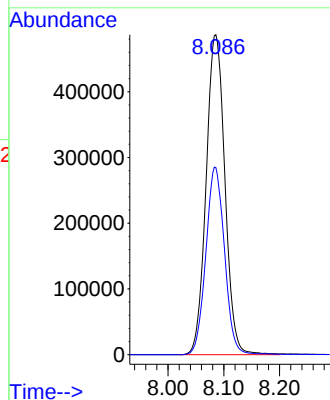
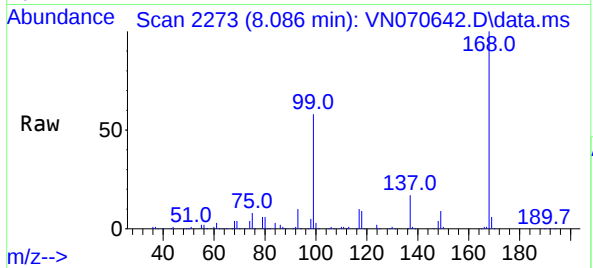




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

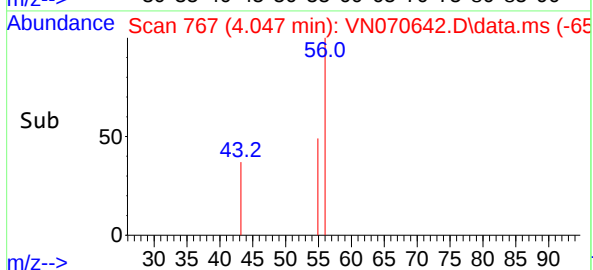
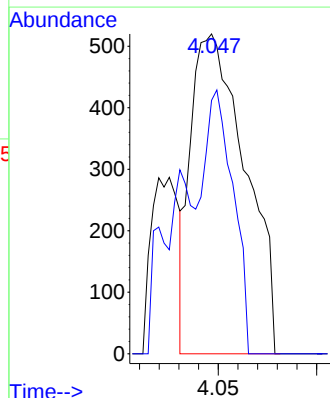
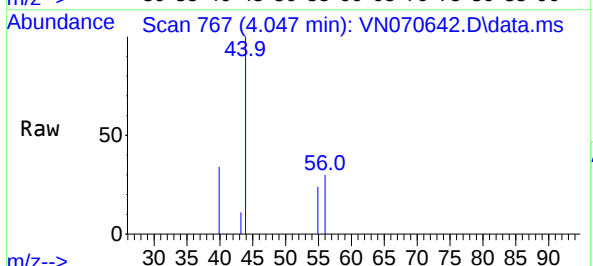
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

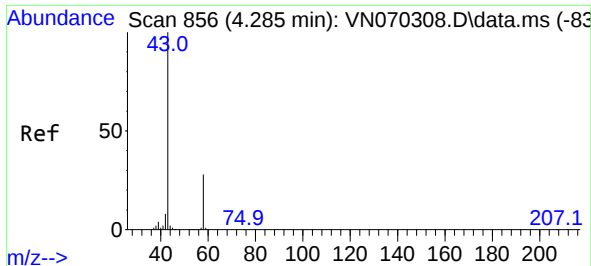
Tgt Ion:168 Resp: 1142054
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9



#13
Acrolein
Concen: 0.452 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.006 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

Tgt Ion: 56 Resp: 1002
Ion Ratio Lower Upper
56 100
55 44.6 56.6 85.0#

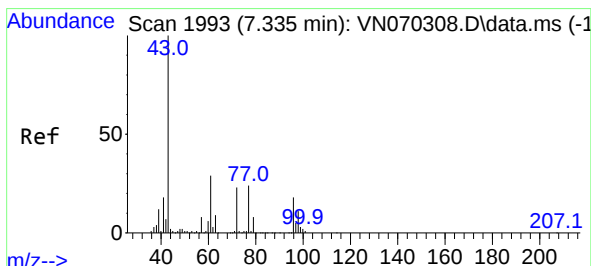
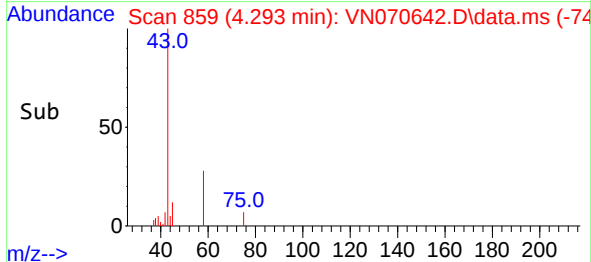
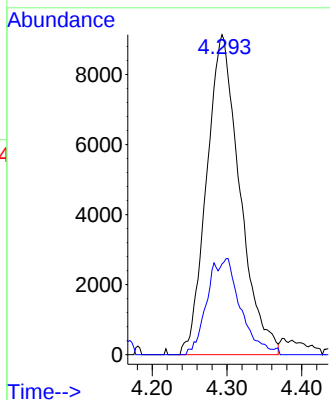
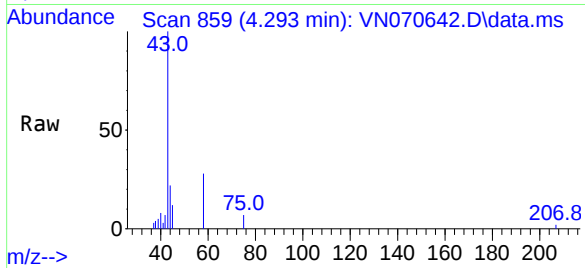




#16
Acetone
Concen: 2.641 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

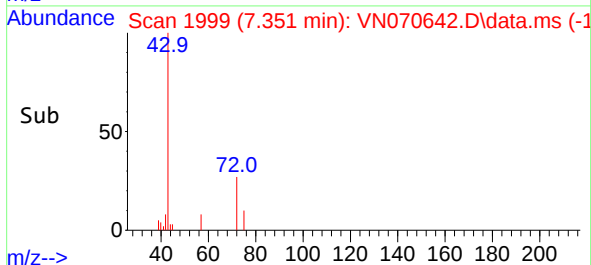
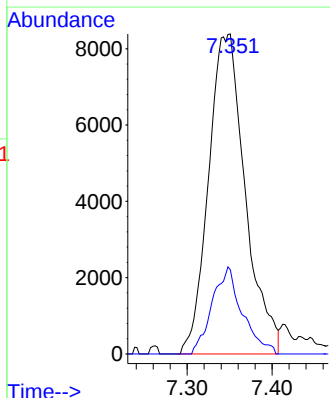
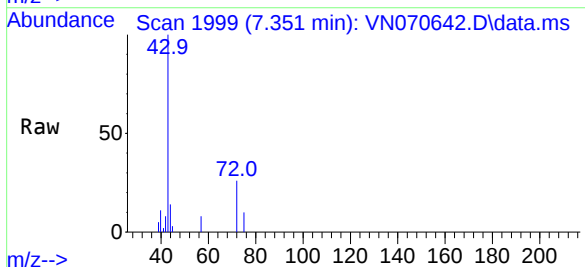
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

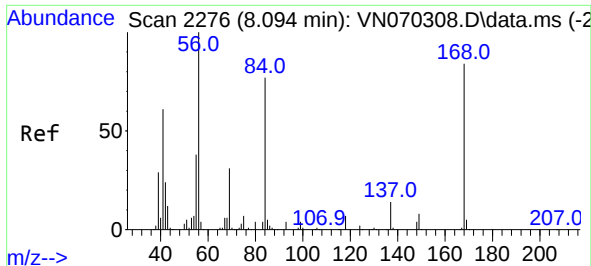
Tgt Ion: 43 Resp: 28147
Ion Ratio Lower Upper
43 100
58 28.3 23.1 34.7



#25
2-Butanone
Concen: 1.877 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.016 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

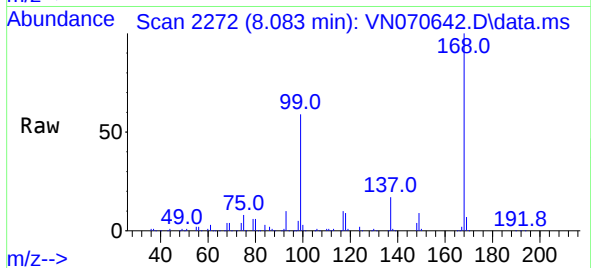
Tgt Ion: 43 Resp: 25193
Ion Ratio Lower Upper
43 100
72 26.3 21.7 32.5



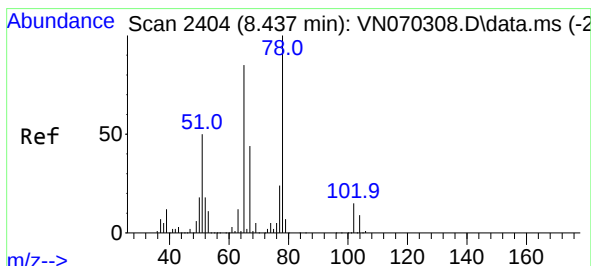
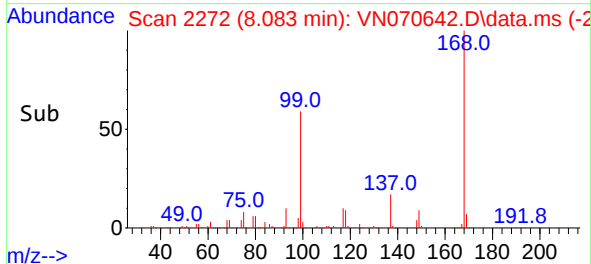
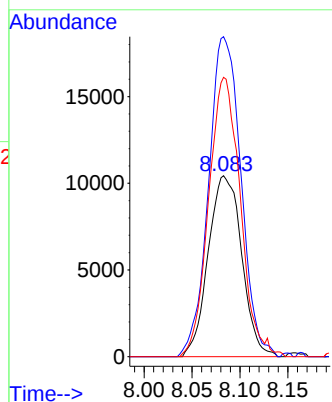


#31
Cyclohexane
Concen: 0.977 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

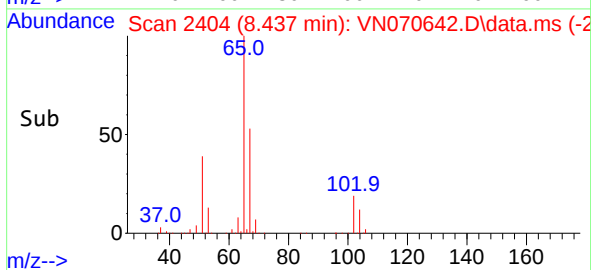
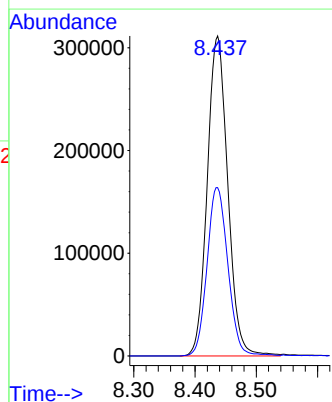
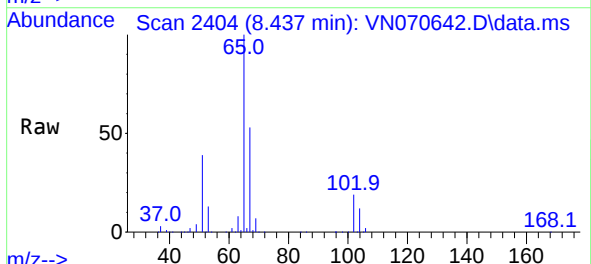


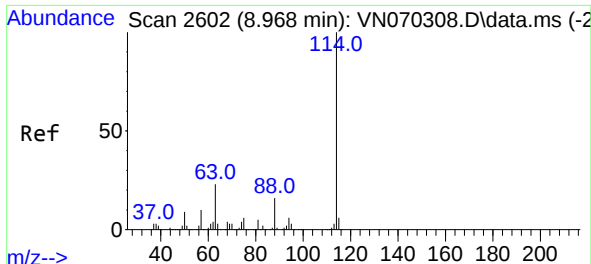
Tgt Ion: 56 Resp: 25324
Ion Ratio Lower Upper
56 100
69 176.8 27.1 40.7#
84 154.3 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 44.144 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

Tgt Ion: 65 Resp: 724865
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0

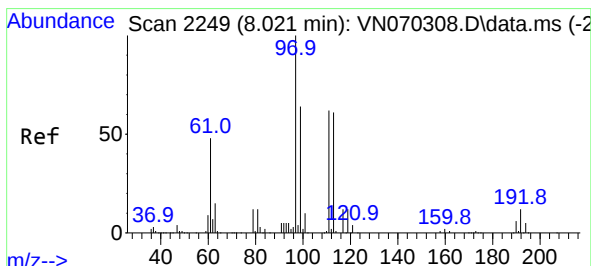
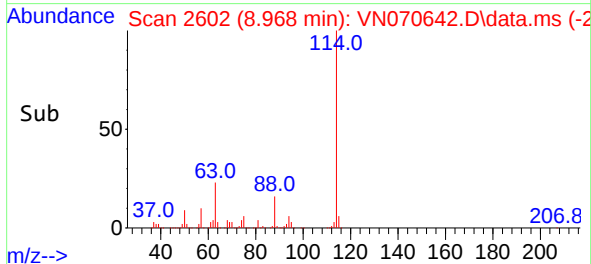
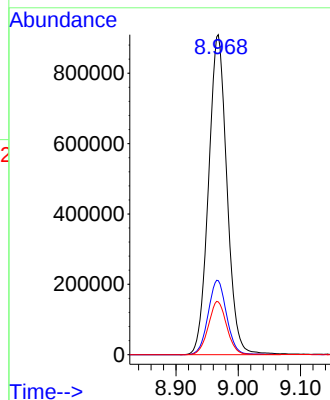
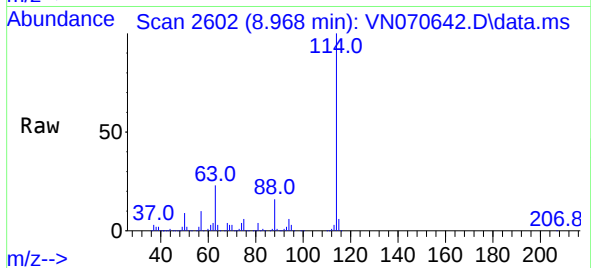




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

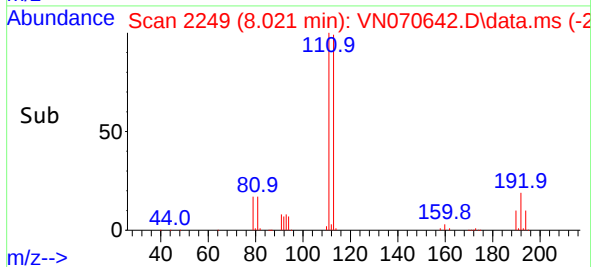
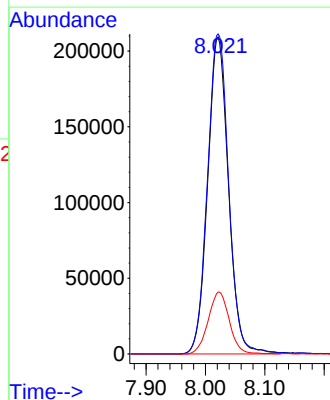
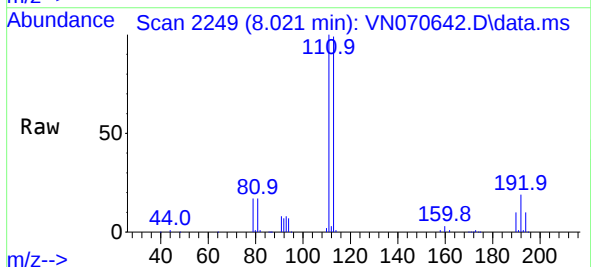
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

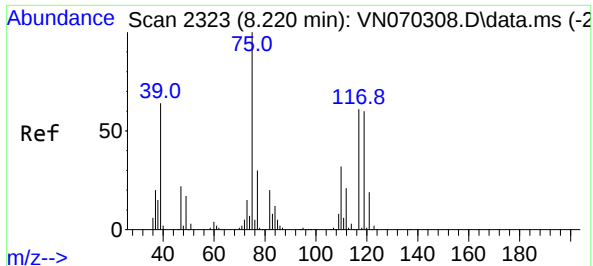
Tgt Ion:114 Resp: 1869018
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 44.982 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

Tgt Ion:113 Resp: 508683
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.8 16.9 25.3

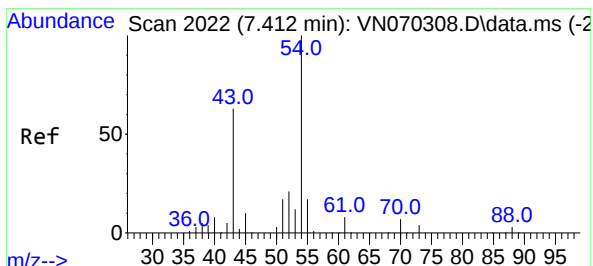
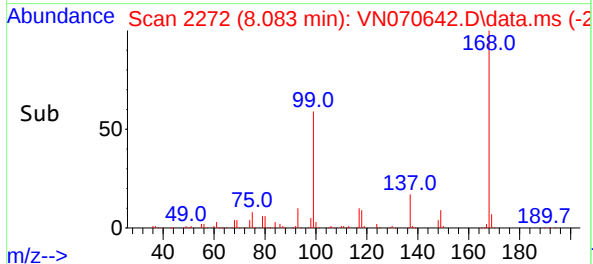
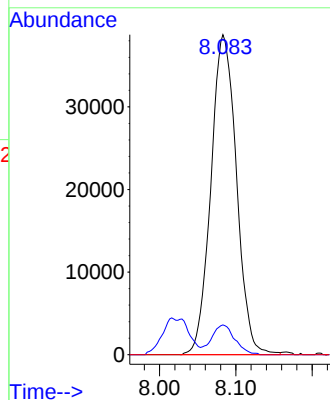
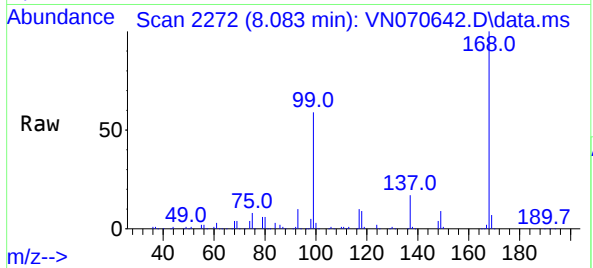




#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

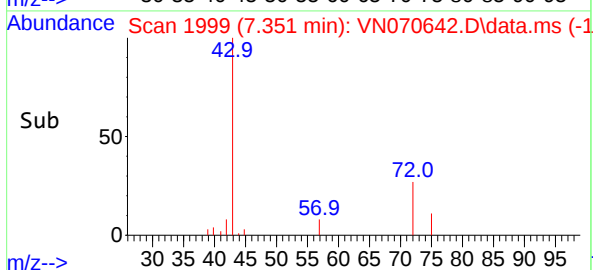
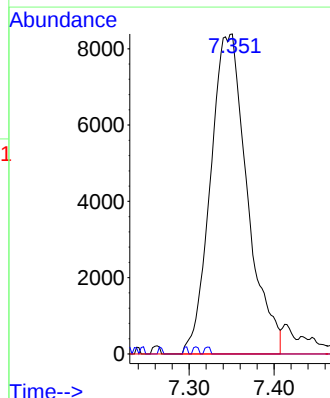
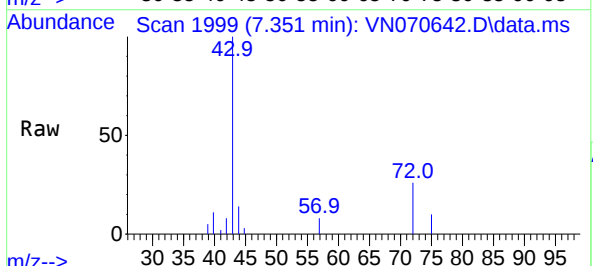
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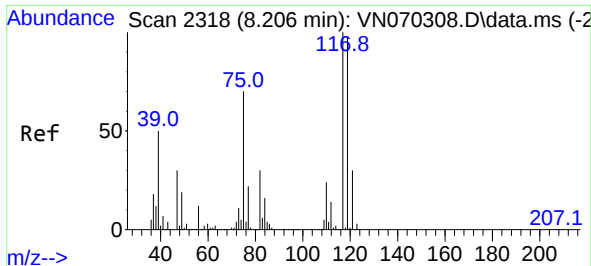
Tgt Ion: 75 Resp: 90221
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.039 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. -0.061 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

Tgt Ion: 43 Resp: 25193
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#

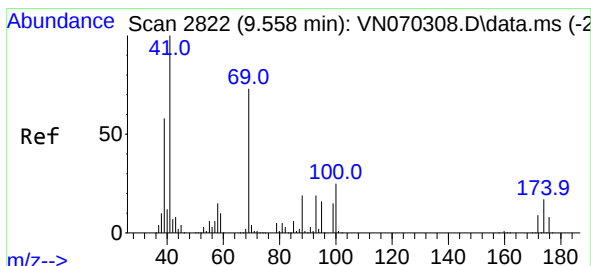
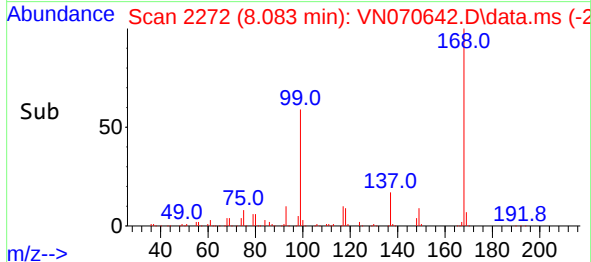
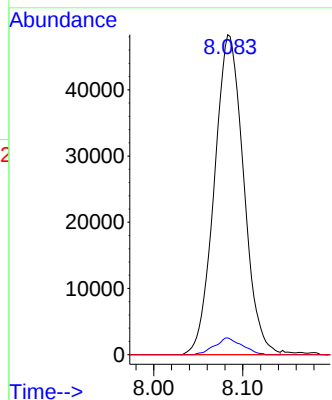
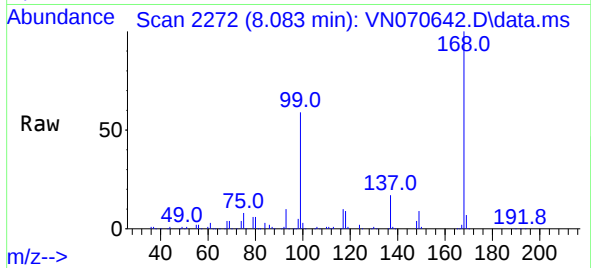




#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 8.083 min Scan# 2117
Delta R.T. -0.123 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

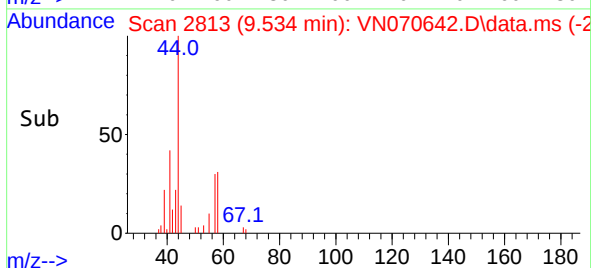
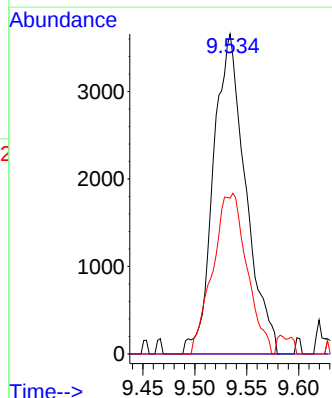
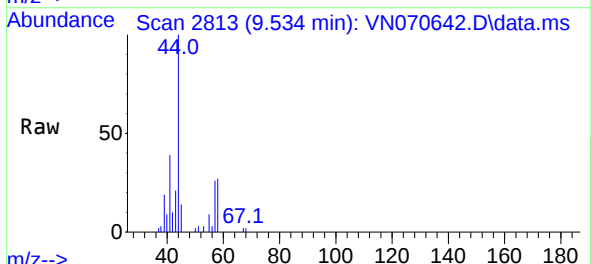
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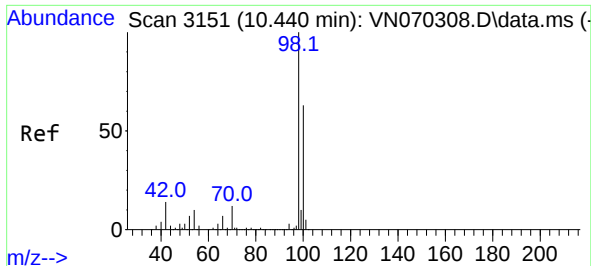
Tgt Ion:117 Resp: 110390
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#



#48
Methyl methacrylate
Concen: 0.433 ug/l
RT: 9.534 min Scan# 2813
Delta R.T. -0.024 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

Tgt Ion: 41 Resp: 7891
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 53.2 58.4 87.6#

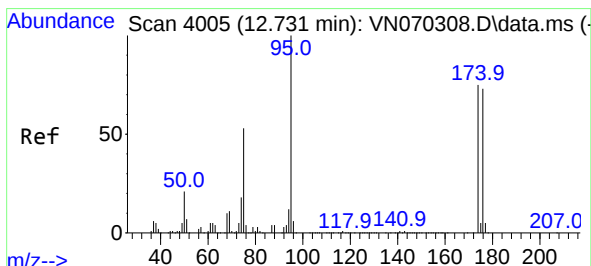
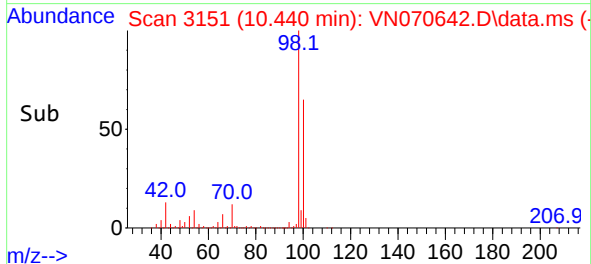
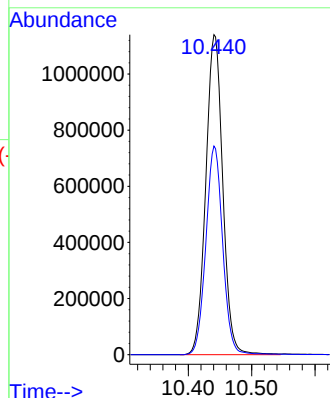
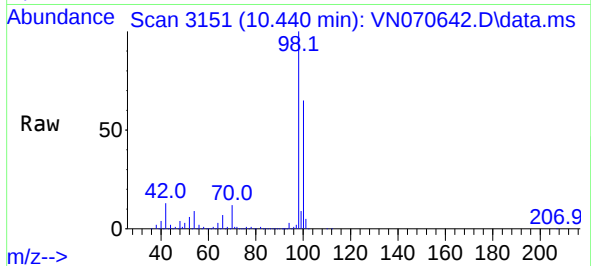




#50
Toluene-d8
Concen: 45.891 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

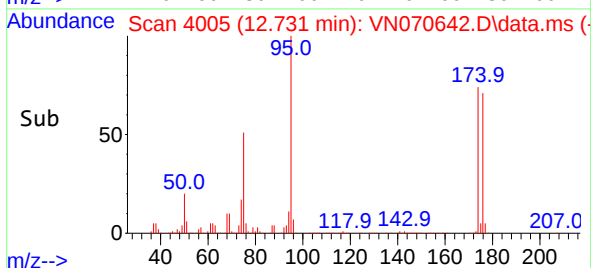
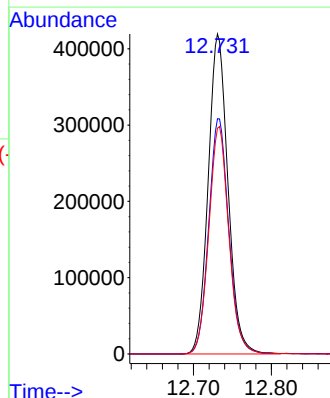
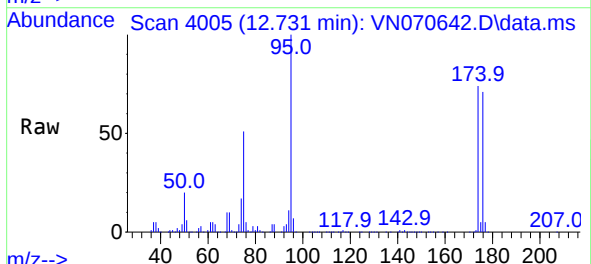
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

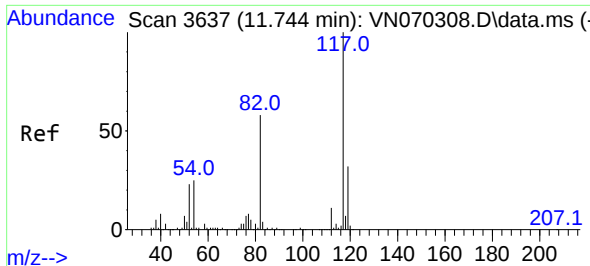
Tgt Ion: 98 Resp: 2119991
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 44.401 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

Tgt Ion: 95 Resp: 740836
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 71.6 0.0 181.4

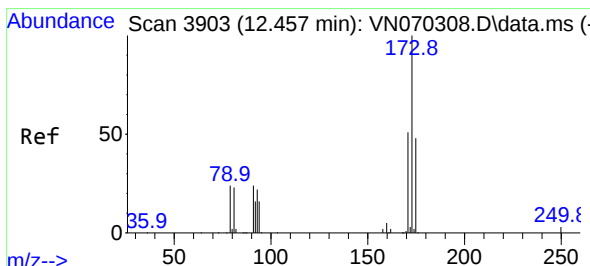
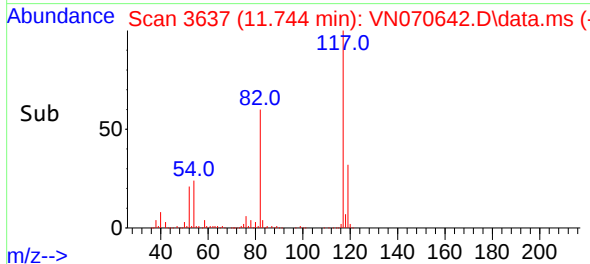
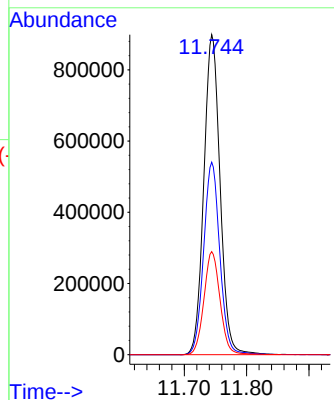
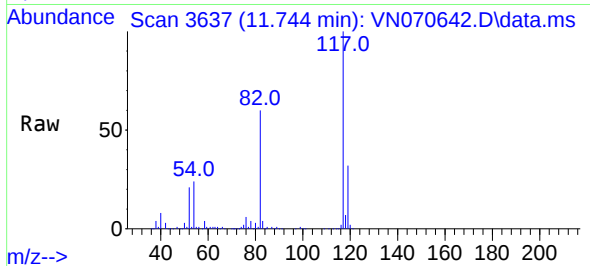




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

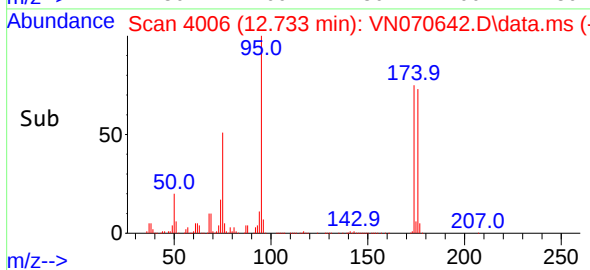
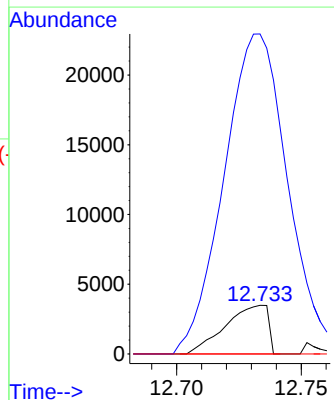
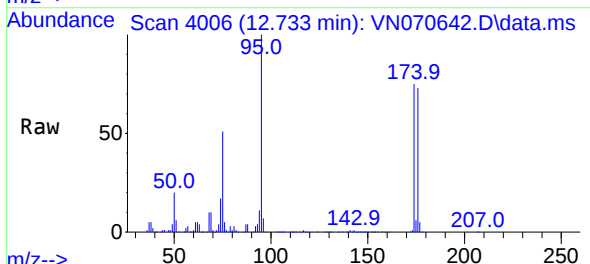
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

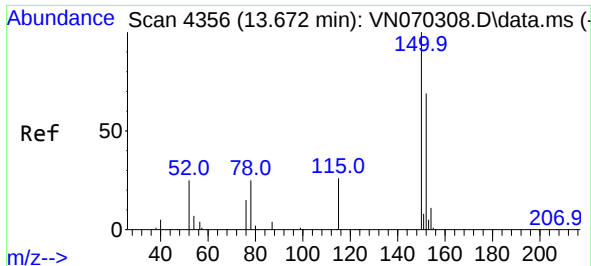
Tgt Ion:117 Resp: 1629084
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.2 25.4 38.2



#71
Bromoform
Concen: 0.457 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.276 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

Tgt Ion:173 Resp: 4185
Ion Ratio Lower Upper
173 100
175 893.4 24.2 72.6#
254 0.0 0.0 0.0

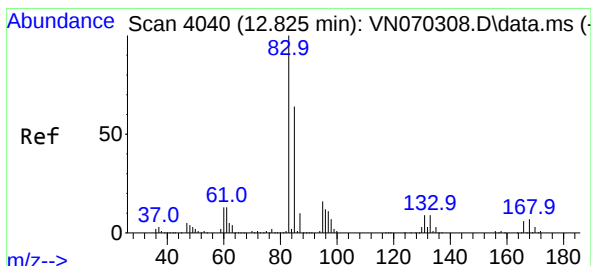
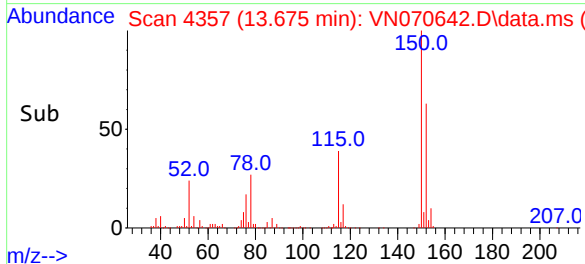
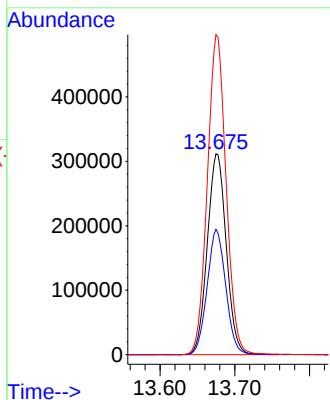
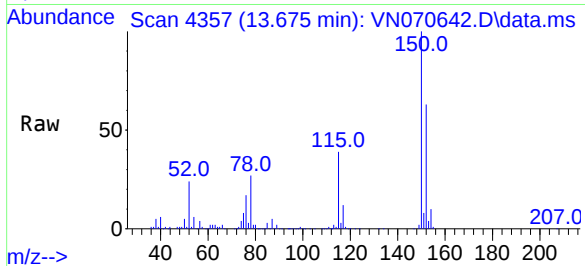




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

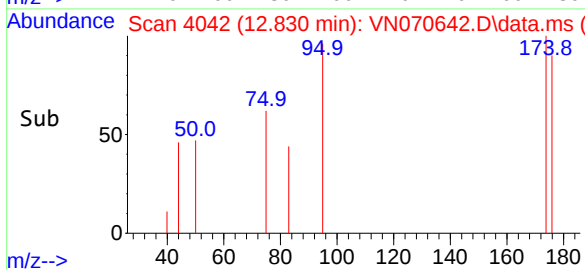
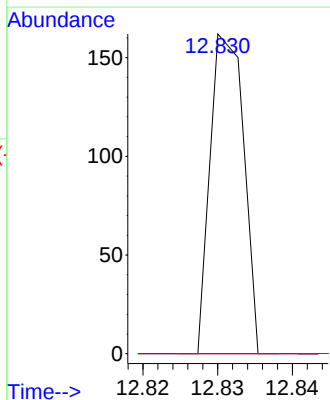
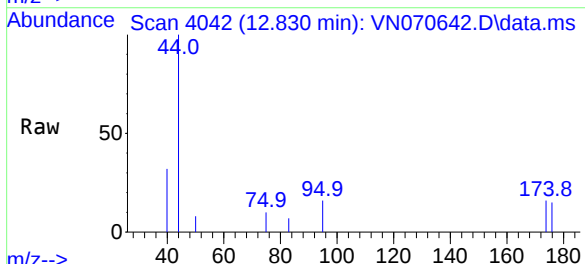
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

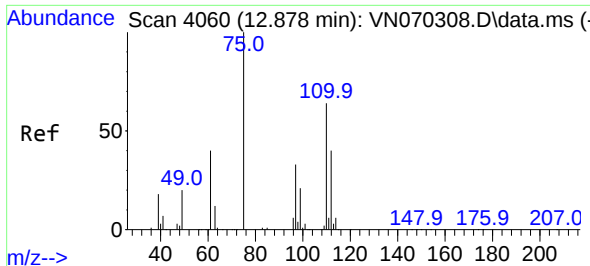
Tgt Ion:152 Resp: 549811
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 157.4 0.0 344.4



#75
1,1,2,2-Tetrachloroethane
Concen: 0.450 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.005 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

Tgt Ion: 83 Resp: 50
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#

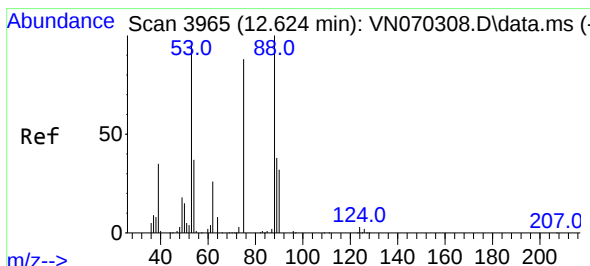
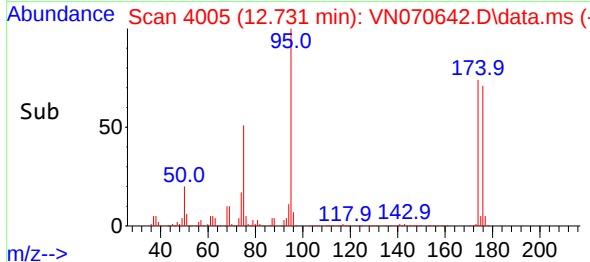
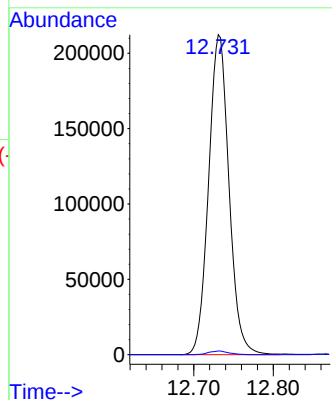
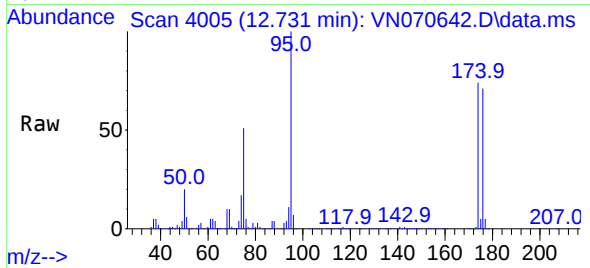




#76
1,2,3-Trichloropropane
Concen: 24.655 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

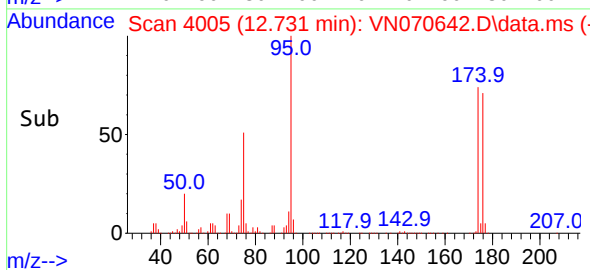
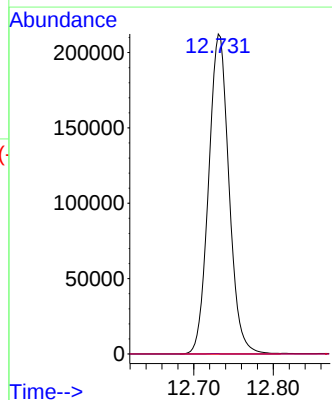
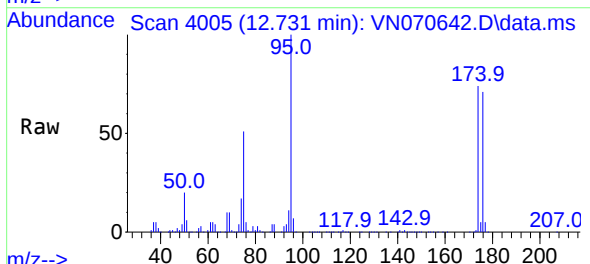
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

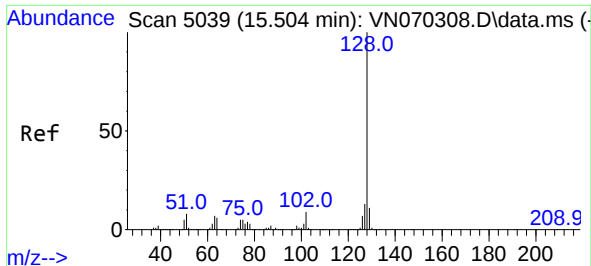
Tgt Ion: 75 Resp: 377444
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.874 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

Tgt Ion: 75 Resp: 377444
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

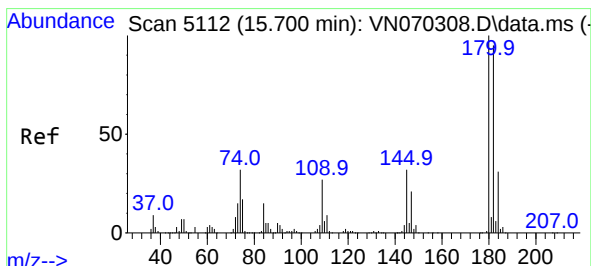
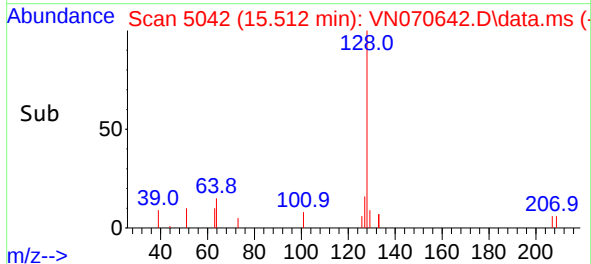
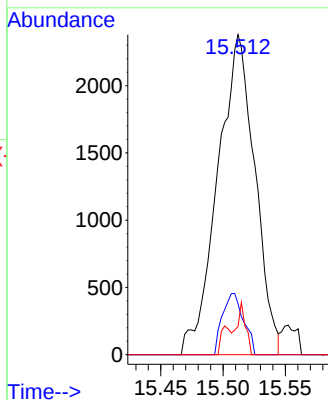
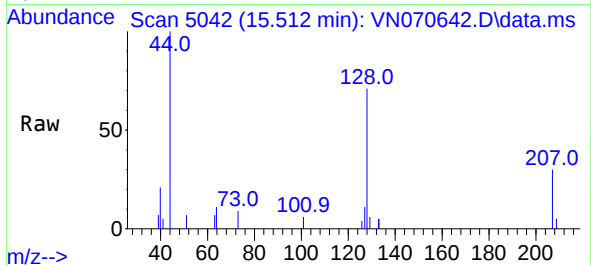




#95
Naphthalene
Concen: 1.987 ug/l
RT: 15.512 min Scan# 5039
Delta R.T. 0.008 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

Tgt Ion:128 Resp: 4944
Ion Ratio Lower Upper
128 100
127 10.9 10.5 15.7
129 3.8 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.938 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070642.D
Acq: 17 Jan 2022 13:50

Tgt Ion:180 Resp: 990
Ion Ratio Lower Upper
180 100
182 106.8 47.4 142.2
145 9.0 15.0 45.1#

