

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073118.D
 Acq On : 25 Jun 2022 18:21
 Operator : JC\MD
 Sample : N3434-01 40X
 Misc : 6.38g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2203-28

Quant Time: Jun 27 03:45:29 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)

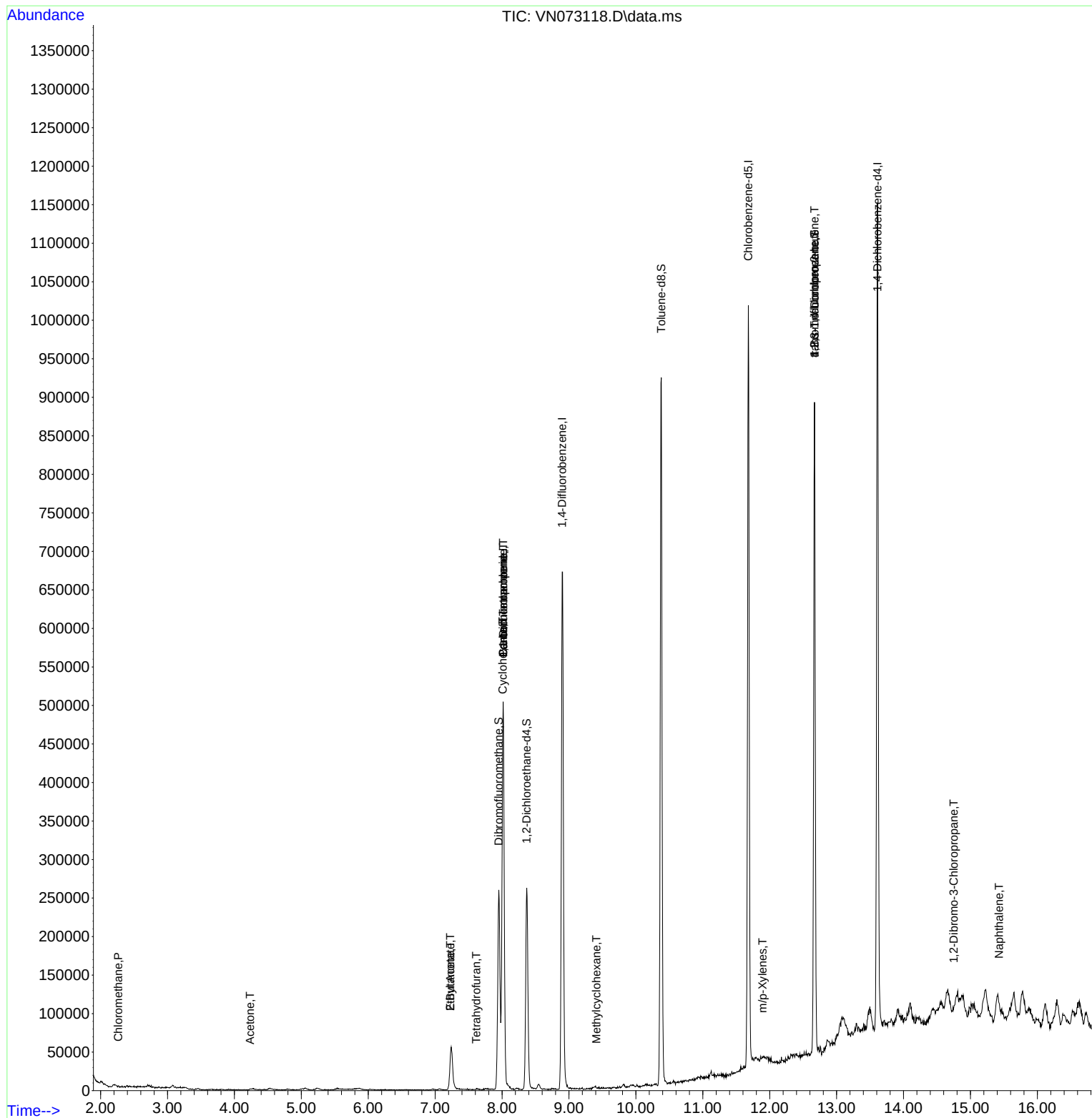
Internal Standards						
1) Pentafluorobenzene	8.016	168	389294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	610156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	564893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	292887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	223917	42.544	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.080%
35) Dibromofluoromethane	7.951	113	190027	50.387	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.780%
50) Toluene-d8	10.380	98	638243	45.481	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.960%
62) 4-Bromofluorobenzene	12.669	95	293125	58.089	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	645	0.729	ug/l	100
16) Acetone	4.234	43	895	0.309	ug/l #	42
20) Methylene Chloride	5.022	84	499	Below Cal	#	40
25) 2-Butanone	7.228	43	3871	0.843	ug/l #	45
29) Tetrahydrofuran	7.616	42	852	0.281	ug/l #	45
31) Cyclohexane	8.010	56	8032	1.128	ug/l #	23
36) 1,1-Dichloropropene	8.016	75	29595	5.799	ug/l #	49
37) Ethyl Acetate	7.228	43	3871	0.474	ug/l #	25
38) Carbon Tetrachloride	8.016	117	38946	7.256	ug/l #	16
39) Methylcyclohexane	9.410	83	1418	0.231	ug/l #	37
68) m/p-Xylenes	11.892	106	1559	0.205	ug/l	98
76) 1,2,3-Trichloropropane	12.669	75	151336	21.312	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	151336	57.555	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.751	75	707	0.261	ug/l	67
95) Naphthalene	15.427	128	7001	0.309	ug/l #	72

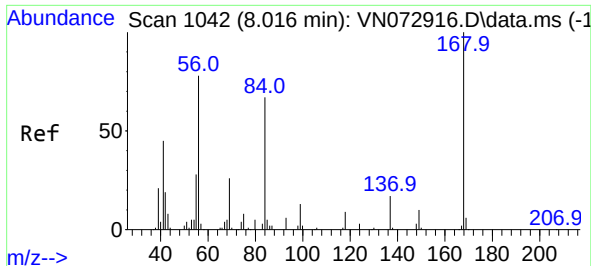
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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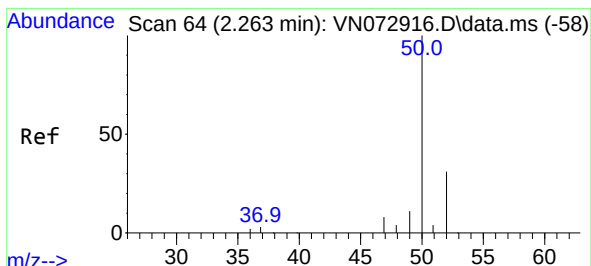
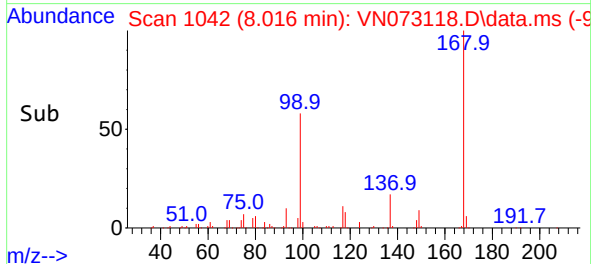
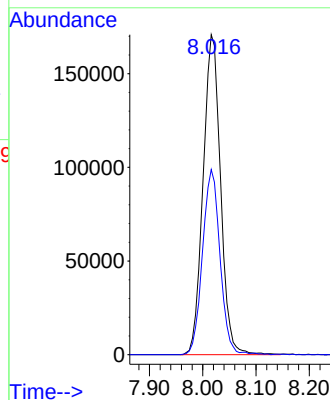
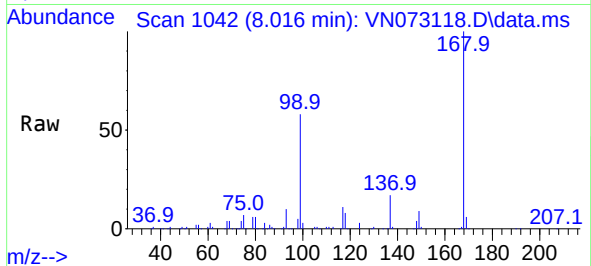




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

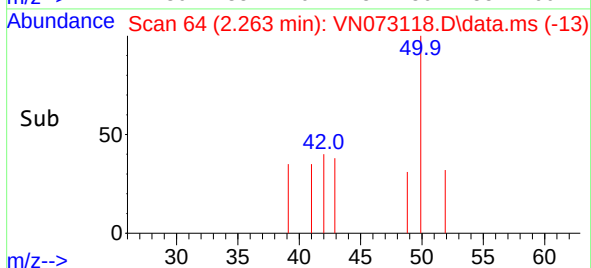
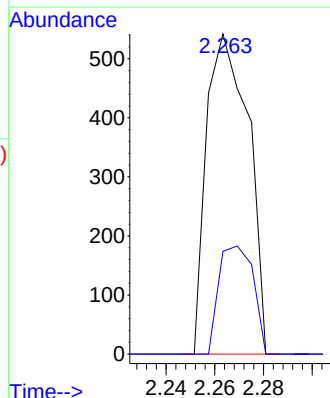
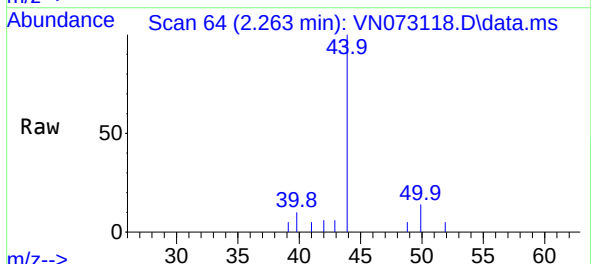
Instrument :
MSVOA_N
ClientSampleId :
B2203-28

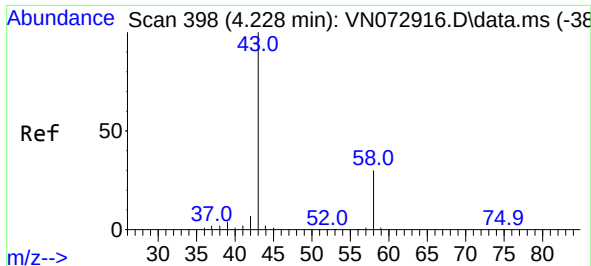
Tgt Ion:168 Resp: 389294
Ion Ratio Lower Upper
168 100
99 57.8 42.3 63.5



#3
Chloromethane
Concen: 0.729 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

Tgt Ion: 50 Resp: 645
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5

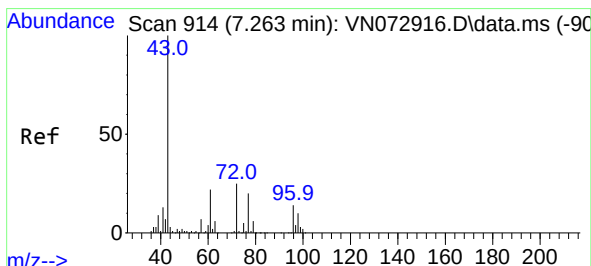
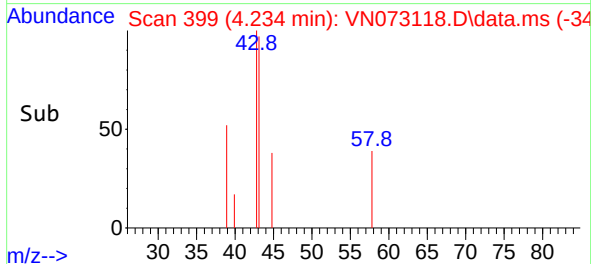
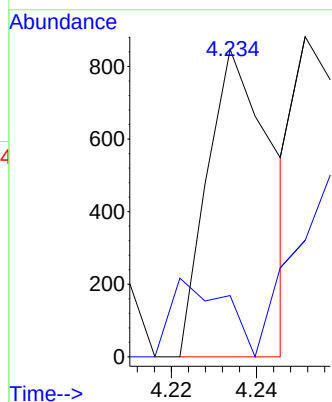
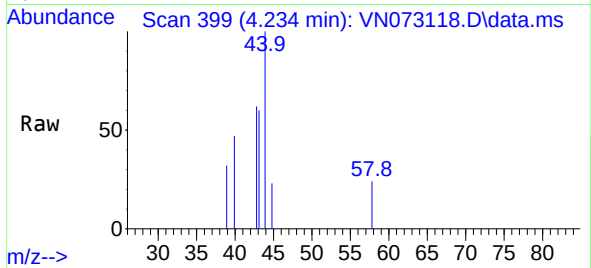




#16
Acetone
Concen: 0.309 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

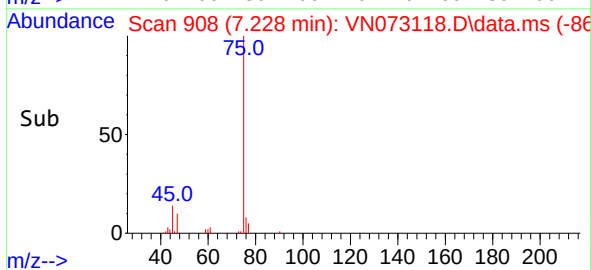
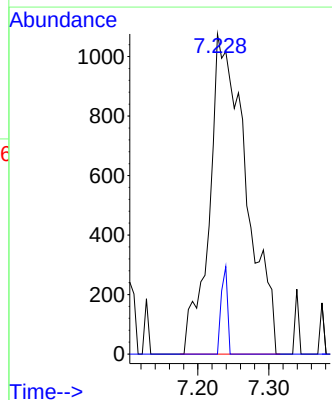
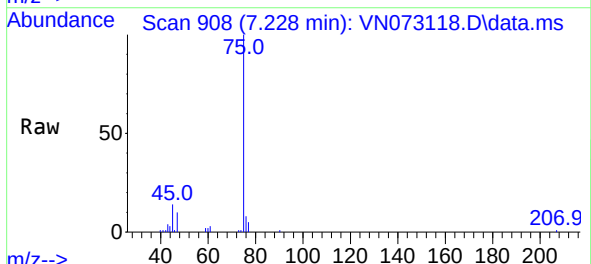
Instrument :
MSVOA_N
ClientSampleId :
B2203-28

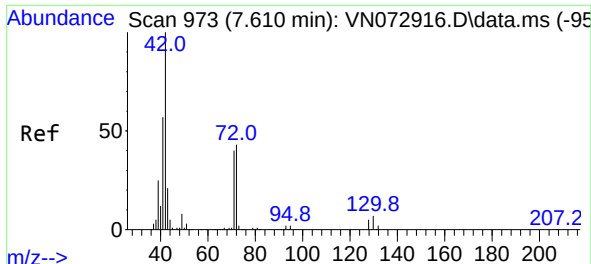
Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#25
2-Butanone
Concen: 0.843 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.035 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

Tgt Ion: 43 Resp: 3871
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.281 ug/l

RT: 7.616 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN073118.D

Acq: 25 Jun 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

B2203-28

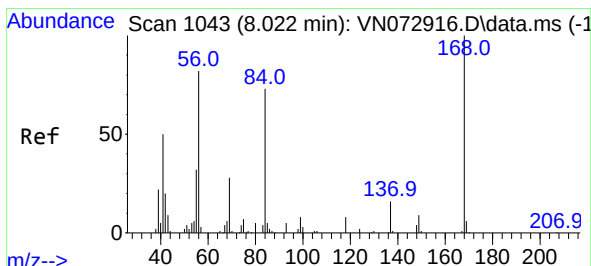
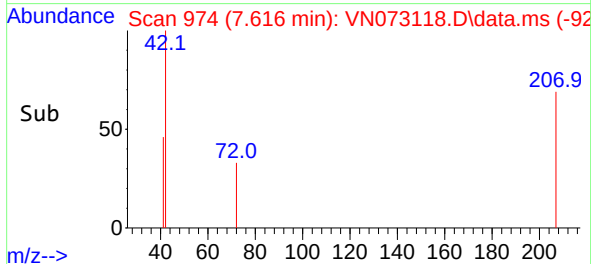
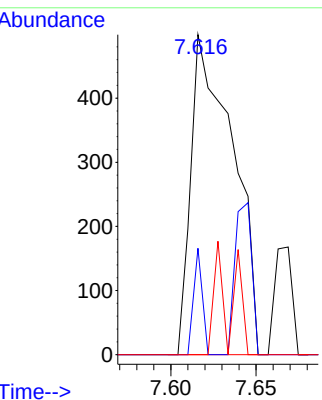
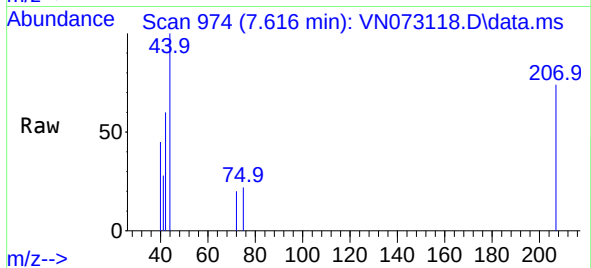
Tgt Ion: 42 Resp: 852

Ion Ratio Lower Upper

42 100

72 6.9 39.7 59.5#

71 14.1 36.6 55.0#



#31

Cyclohexane

Concen: 1.128 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN073118.D

Acq: 25 Jun 2022 18:21

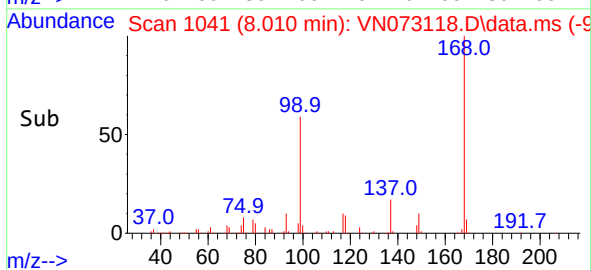
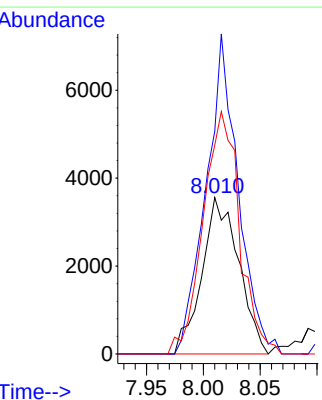
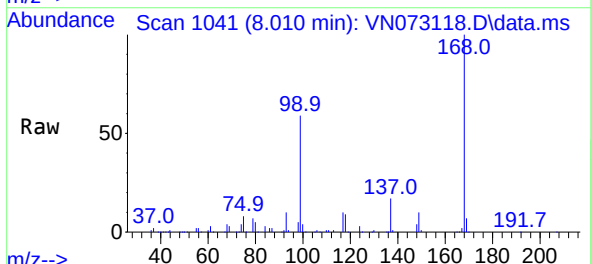
Tgt Ion: 56 Resp: 8032

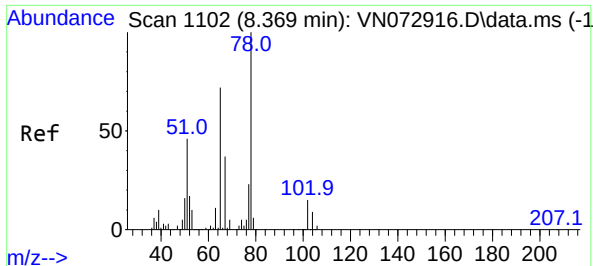
Ion Ratio Lower Upper

56 100

69 142.2 27.8 41.8#

84 133.4 76.9 115.3#

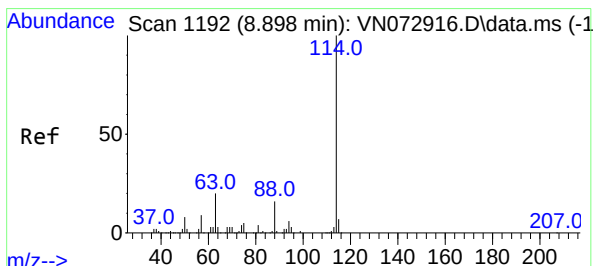
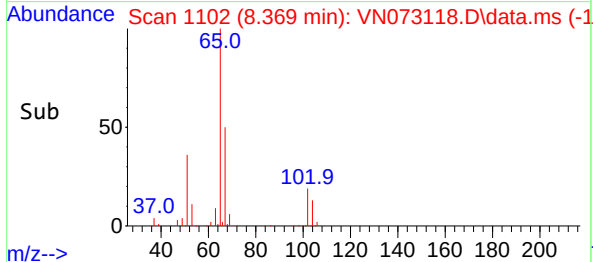
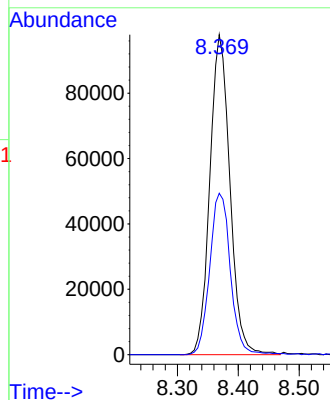
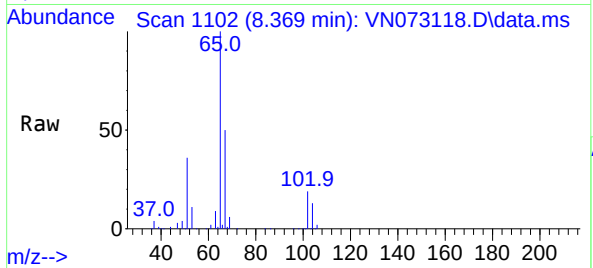




#33
1,2-Dichloroethane-d4
Concen: 42.544 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

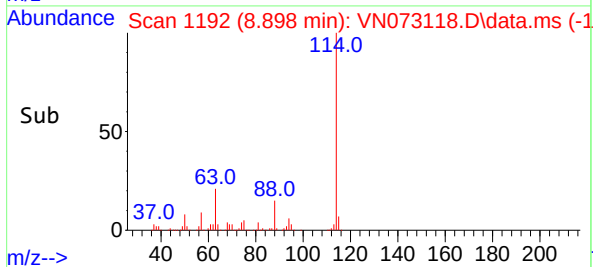
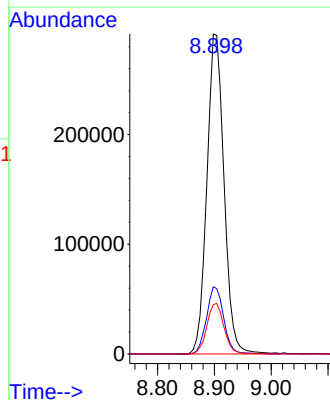
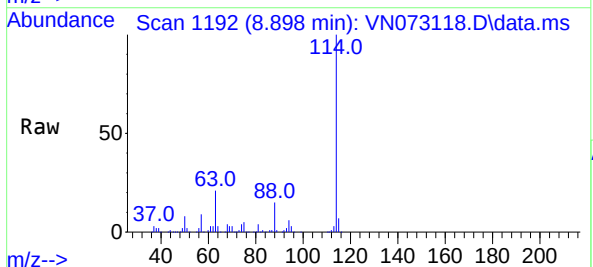
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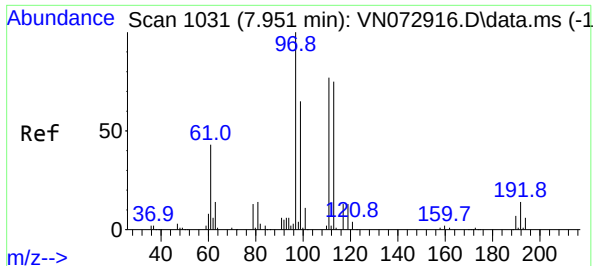
Tgt Ion: 65 Resp: 223917
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

Tgt Ion: 114 Resp: 610156
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.0
88 15.4 0.0 32.6

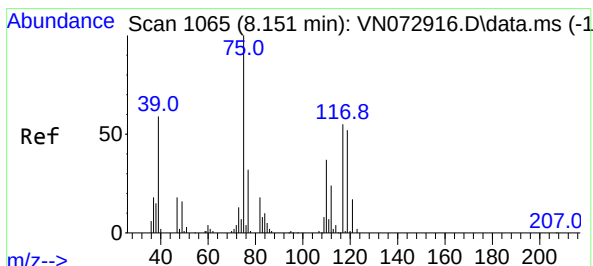
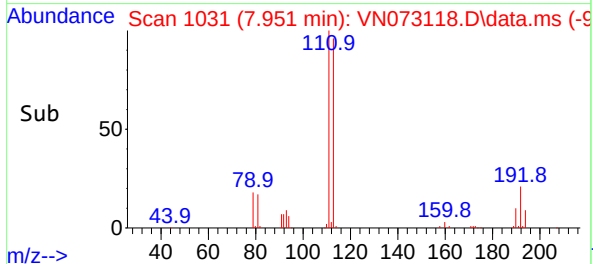
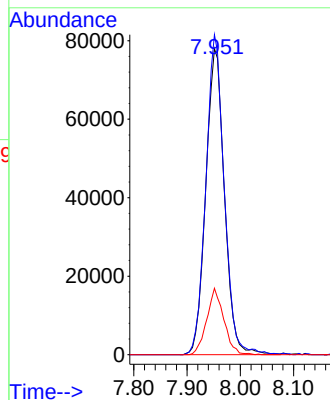
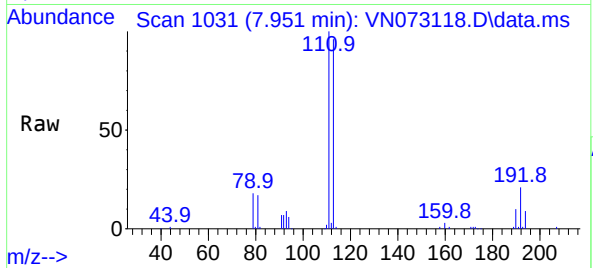




#35
Dibromofluoromethane
Concen: 50.387 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

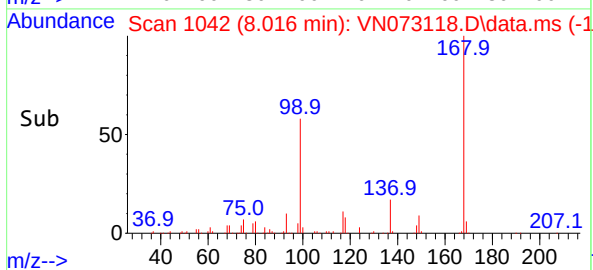
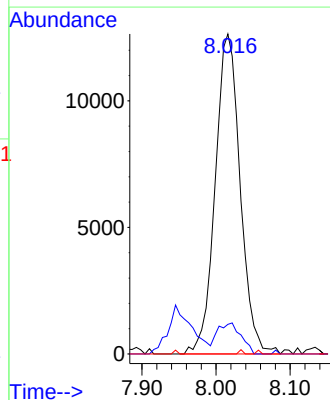
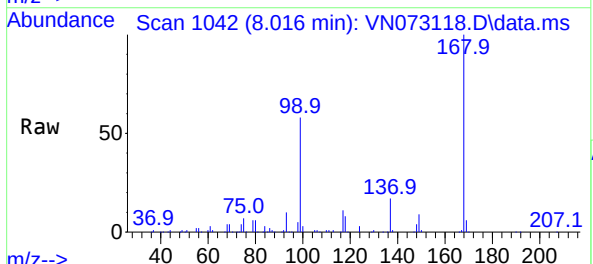
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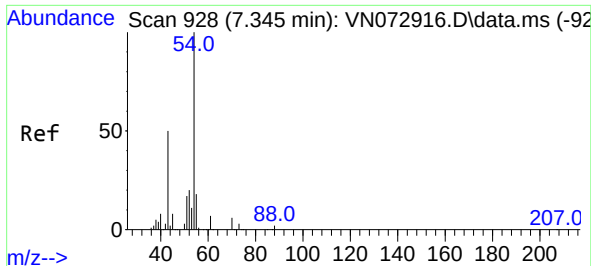
Tgt Ion:113 Resp: 190027
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 19.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.799 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

Tgt Ion: 75 Resp: 29595
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.2 25.1 37.7#

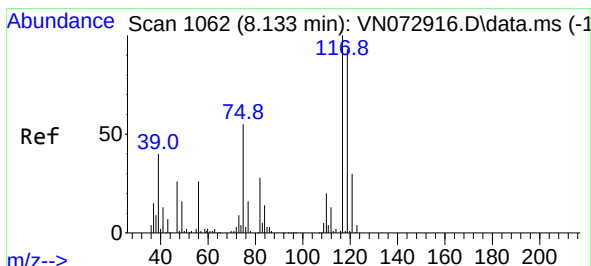
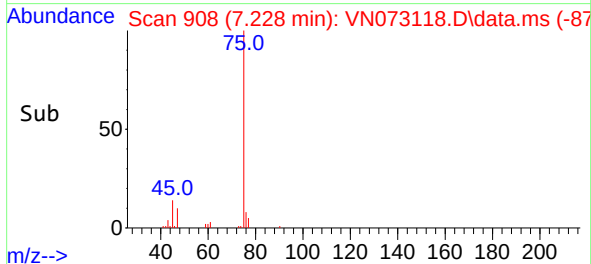
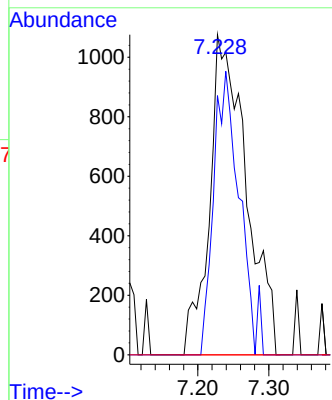
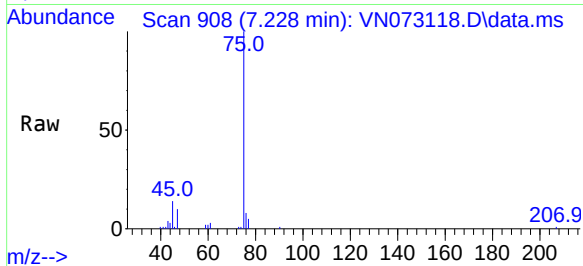




#37
Ethyl Acetate
Concen: 0.474 ug/l
RT: 7.228 min Scan# 90
Delta R.T. -0.118 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

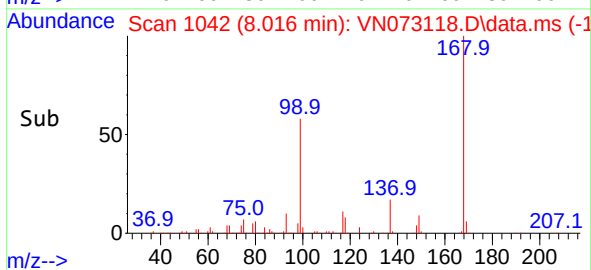
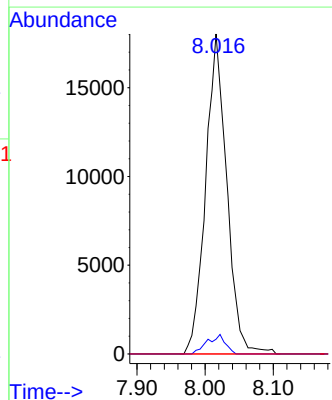
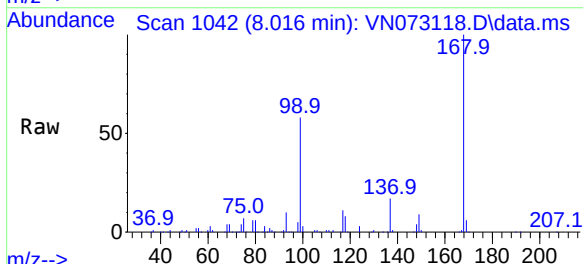
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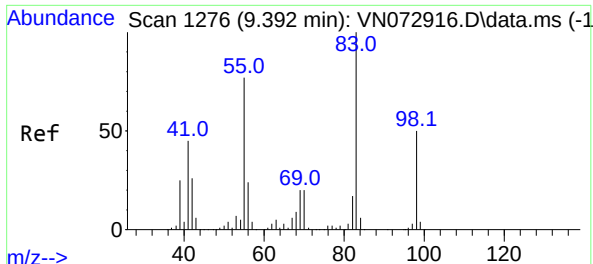
Tgt Ion: 43 Resp: 3871
Ion Ratio Lower Upper
43 100
61 60.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 7.256 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

Tgt Ion: 117 Resp: 38946
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.8#
121 0.0 24.6 37.0#

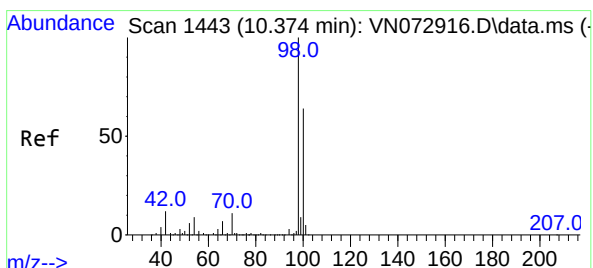
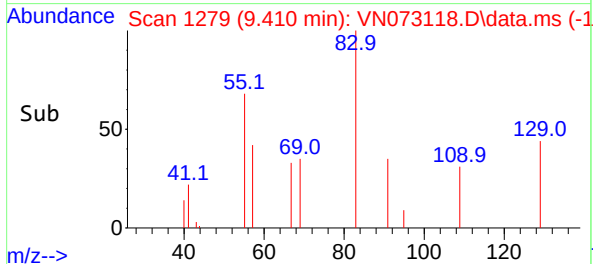
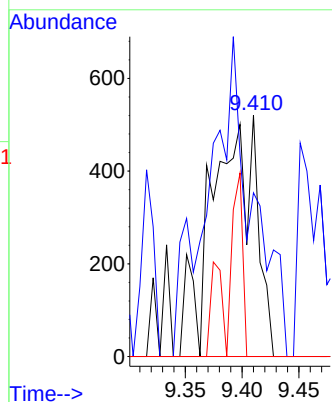
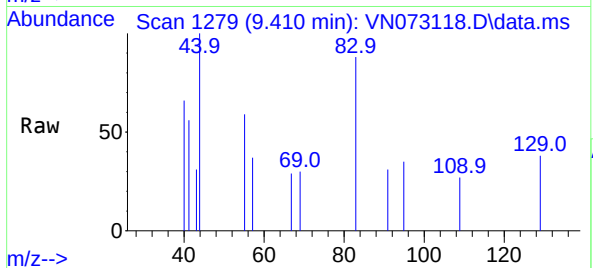




#39
Methylcyclohexane
Concen: 0.231 ug/l
RT: 9.410 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

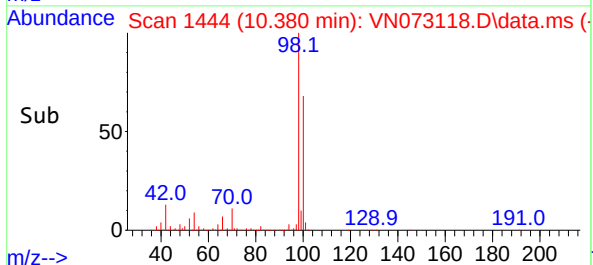
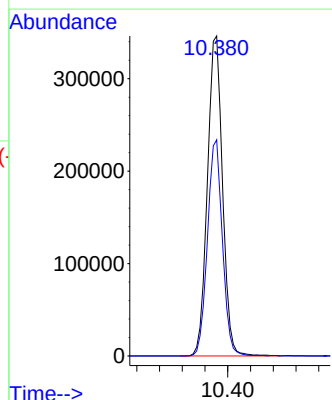
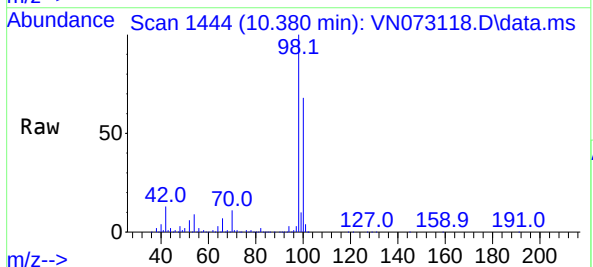
Instrument :
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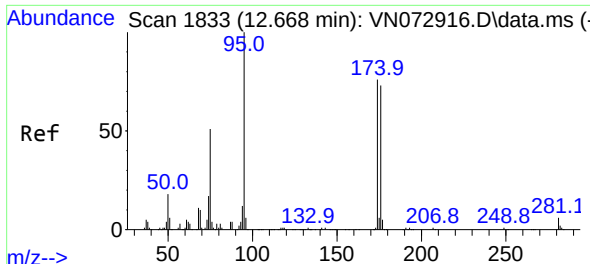
Tgt Ion: 83 Resp: 1418
Ion Ratio Lower Upper
83 100
55 25.5 57.8 86.8#
98 0.0 39.4 59.2#



#50
Toluene-d8
Concen: 45.481 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

Tgt Ion: 98 Resp: 638243
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8

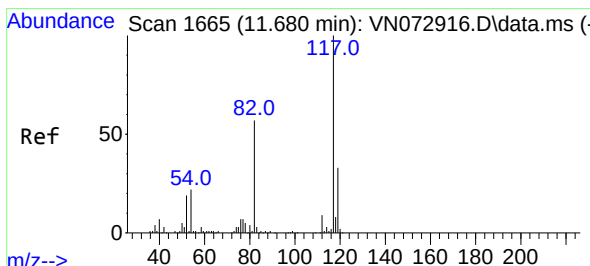
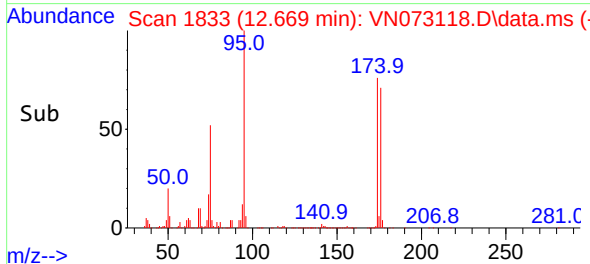
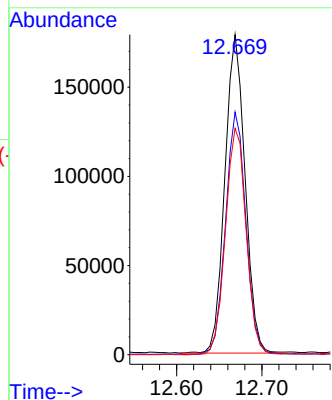
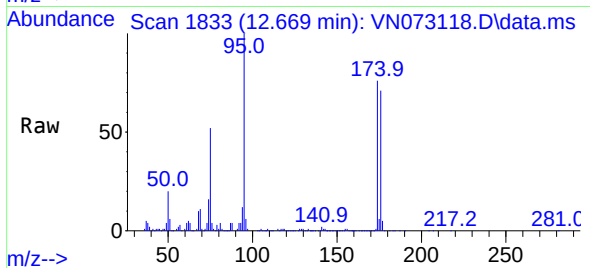




#62
4-Bromofluorobenzene
Concen: 58.089 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

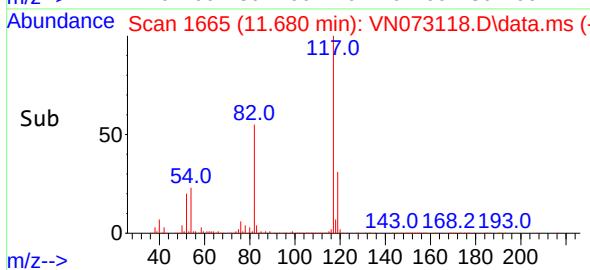
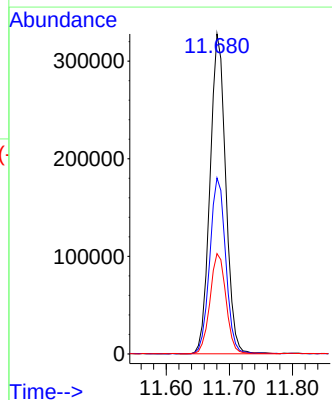
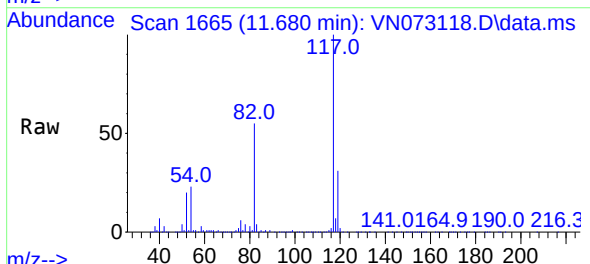
Instrument :
MSVOA_N
ClientSampleId :
B2203-28

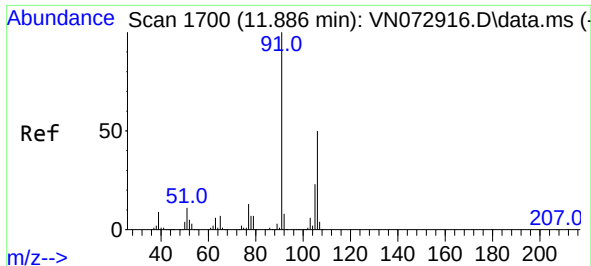
Tgt Ion: 95 Resp: 293125
Ion Ratio Lower Upper
95 100
174 77.5 0.0 167.6
176 73.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

Tgt Ion: 117 Resp: 564893
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.3 25.4 38.0

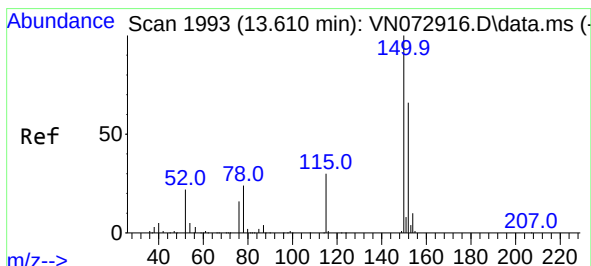
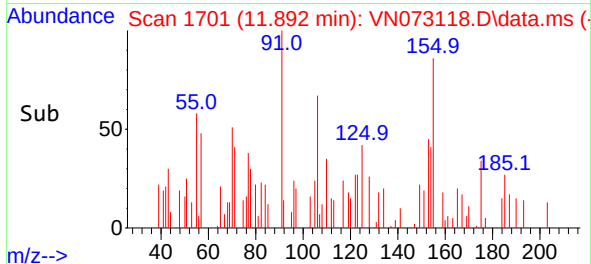
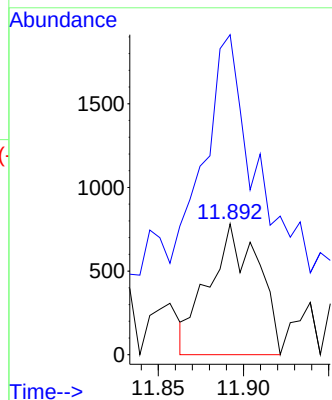
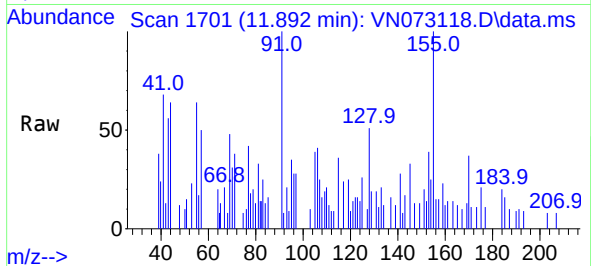




#68
m/p-Xylenes
Concen: 0.205 ug/l
RT: 11.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

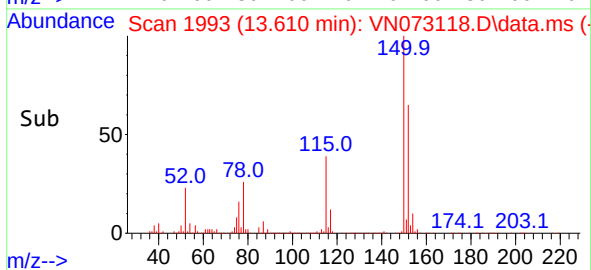
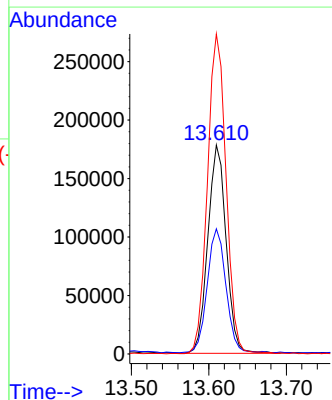
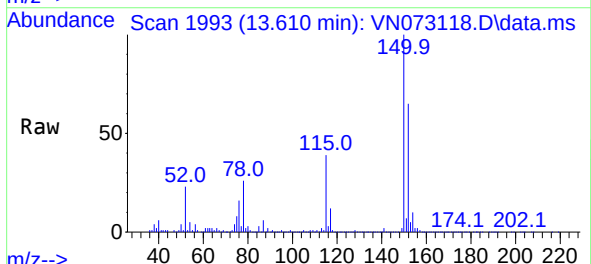
Instrument :
MSVOA_N
ClientSampleId :
B2203-28

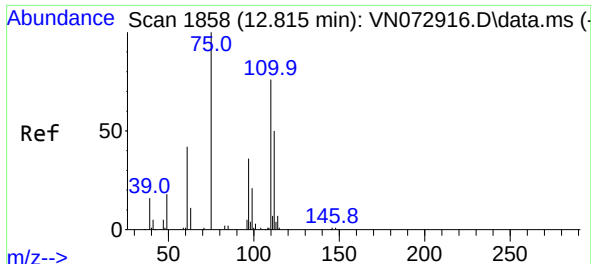
Tgt Ion:106 Resp: 1559
Ion Ratio Lower Upper
106 100
91 201.4 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

Tgt Ion:152 Resp: 292887
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 155.4 0.0 356.2

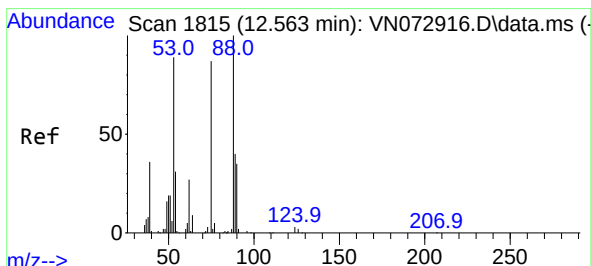
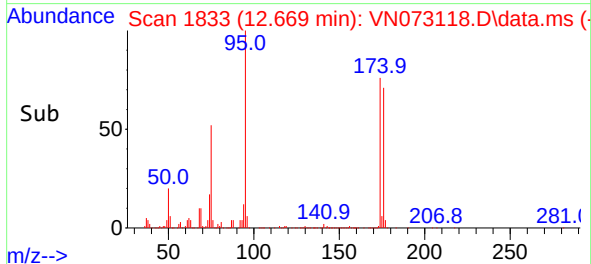
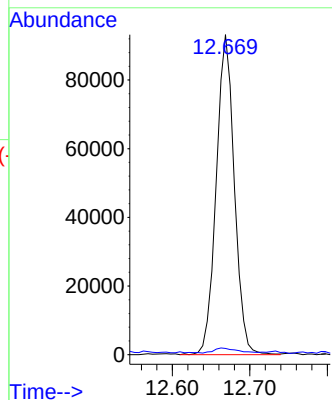
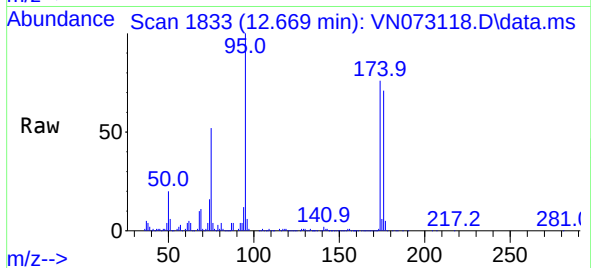




#76
1,2,3-Trichloropropane
Concen: 21.312 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

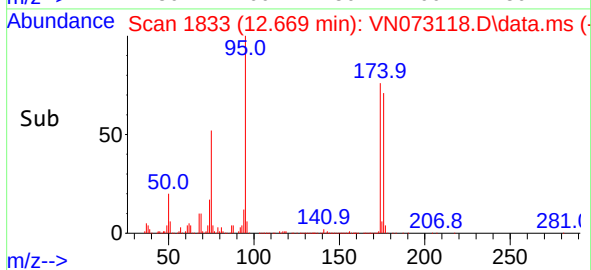
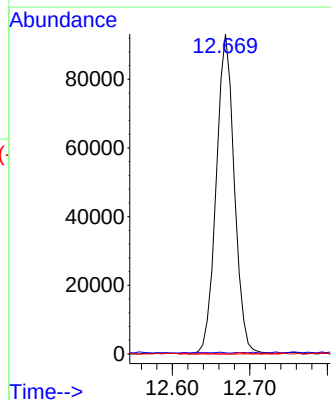
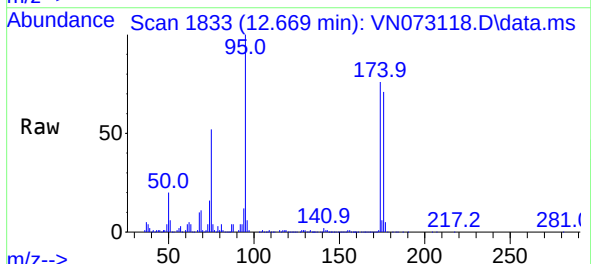
Instrument :
MSVOA_N
ClientSampleId :
B2203-28

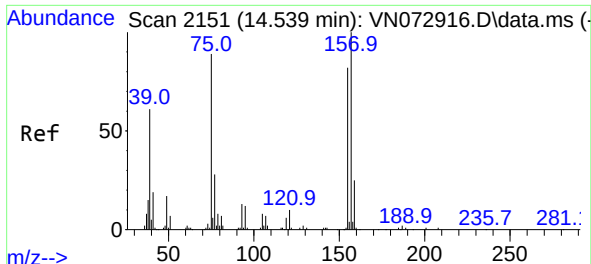
Tgt Ion: 75 Resp: 151336
Ion Ratio Lower Upper
75 100
77 1.9 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.555 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

Tgt Ion: 75 Resp: 151336
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

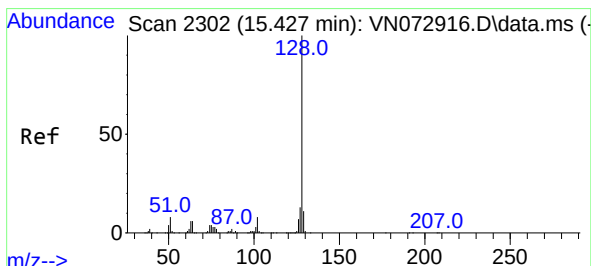
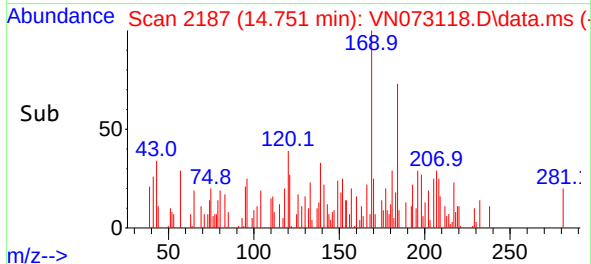
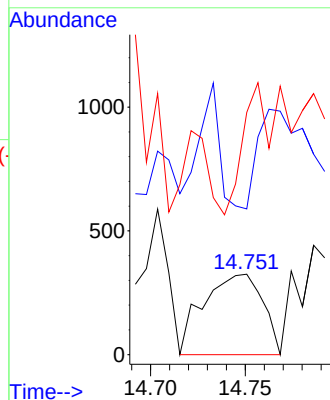
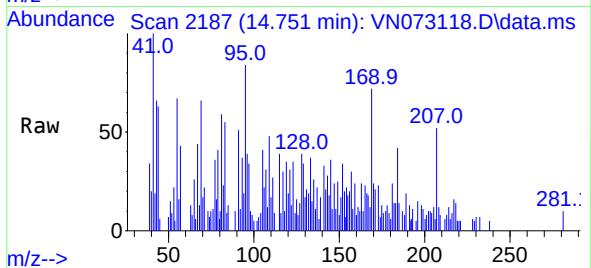




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.261 ug/l
RT: 14.751 min Scan# 2151
Delta R.T. 0.212 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

Instrument :
MSVOA_N
ClientSampleId :
B2203-28

Tgt Ion: 75 Resp: 707
Ion Ratio Lower Upper
75 100
155 104.5 44.9 134.5
157 67.0 59.0 176.8



#95
Naphthalene
Concen: 0.309 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN073118.D
Acq: 25 Jun 2022 18:21

Tgt Ion: 128 Resp: 7001
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 19.7 8.6 13.0#

