

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071401.D
 Acq On : 19 Mar 2022 16:31
 Operator : JC\MD
 Sample : N1958-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-8-7-8

Quant Time: Mar 21 05:52:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

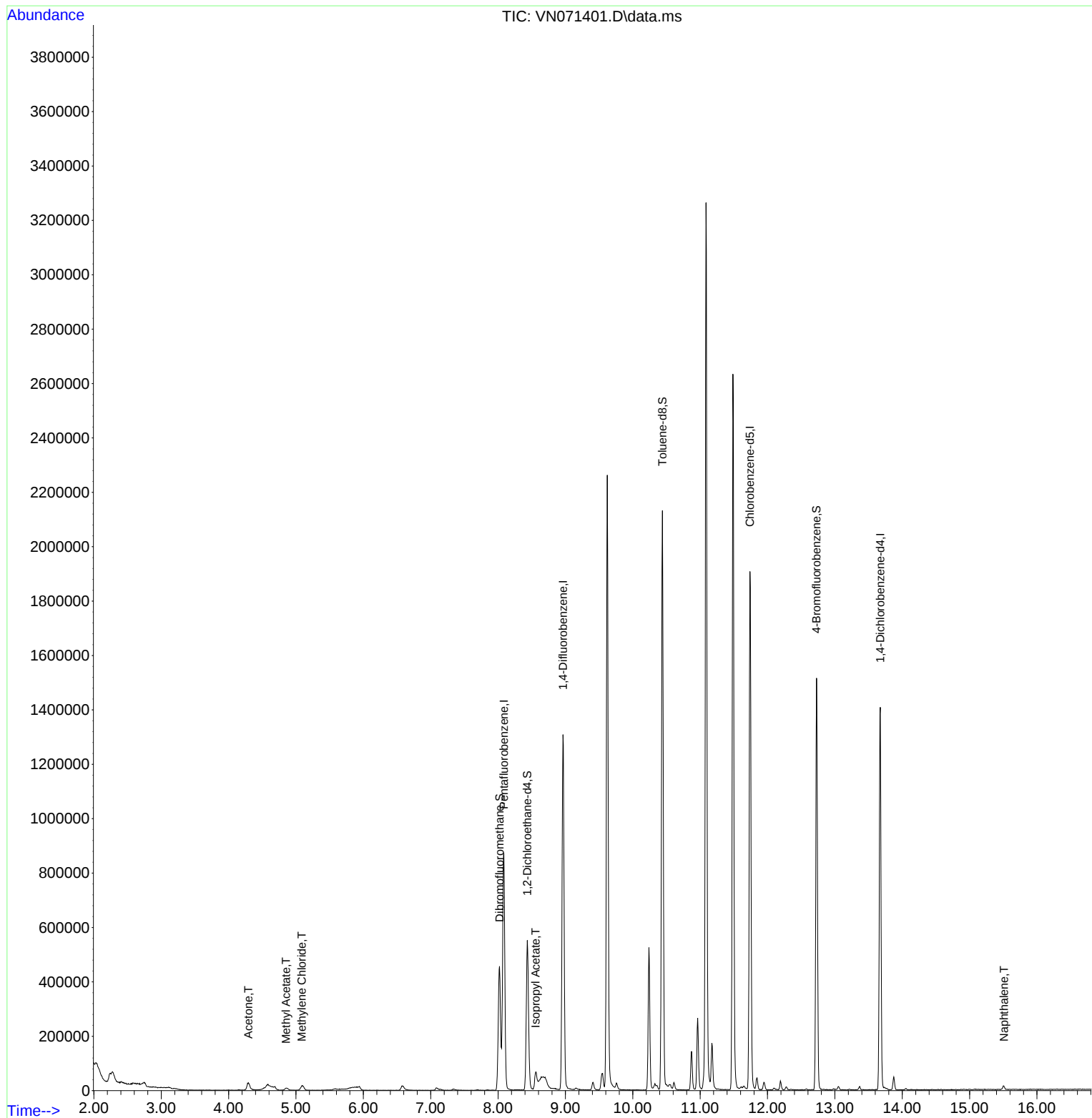
Internal Standards						
1) Pentafluorobenzene	8.087	168	675261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1142155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1107372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	390698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	448666	48.480	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.960%
35) Dibromofluoromethane	8.022	113	335597	46.563	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.120%
50) Toluene-d8	10.439	98	1439187	49.594	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.727	95	522579	53.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.360%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	49487	10.990	ug/l	94
18) Methyl Acetate	4.851	43	18590	1.993	ug/l	92
20) Methylene Chloride	5.087	84	14002	2.070	ug/l	92
43) Isopropyl Acetate	8.557	43	85448	3.595	ug/l #	80
95) Naphthalene	15.510	128	12646	5.702	ug/l	98

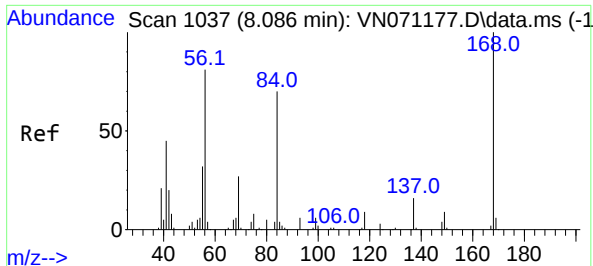
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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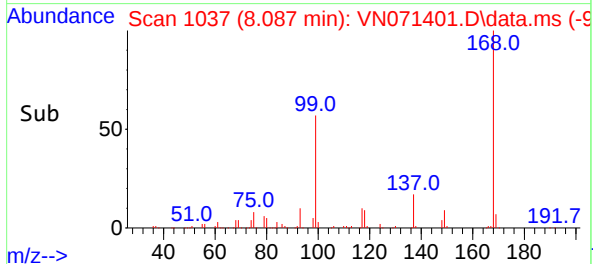
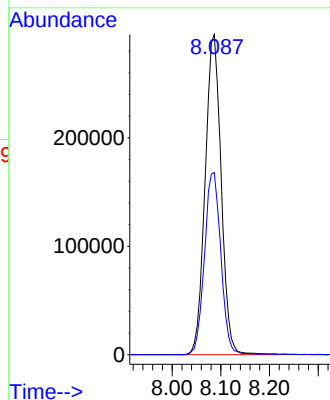
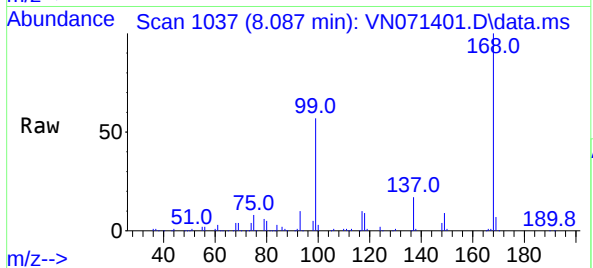




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31

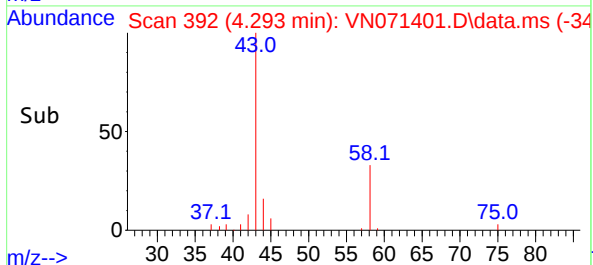
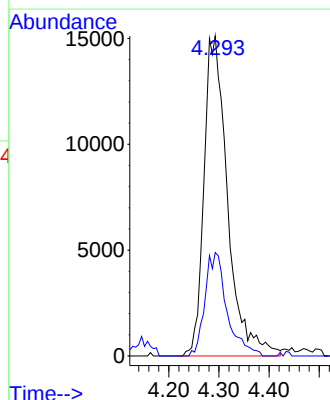
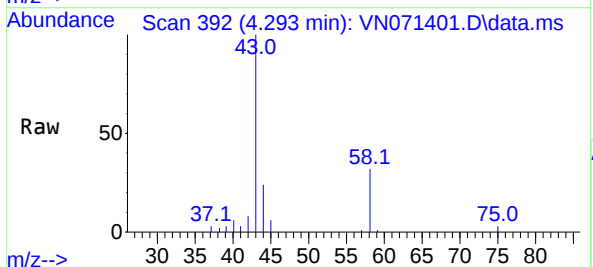
Instrument :
MSVOA_N
ClientSampleId :
C-8-7-8

Tgt Ion:168 Resp: 675261
Ion Ratio Lower Upper
168 100
99 56.9 41.3 61.9



#16
Acetone
Concen: 10.990 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31

Tgt Ion: 43 Resp: 49487
Ion Ratio Lower Upper
43 100
58 32.3 23.1 34.7

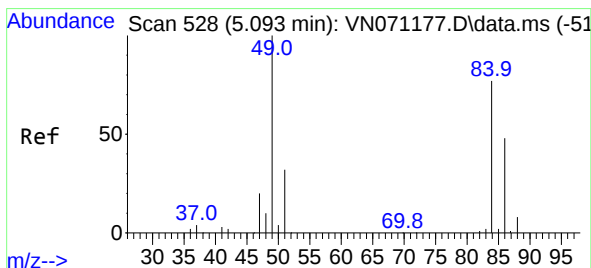
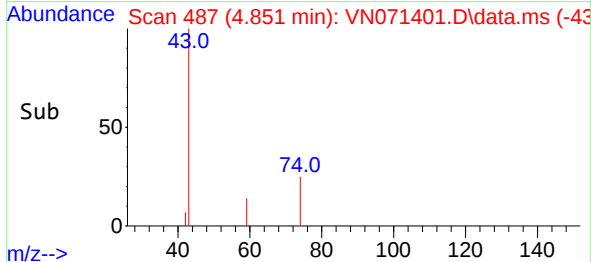
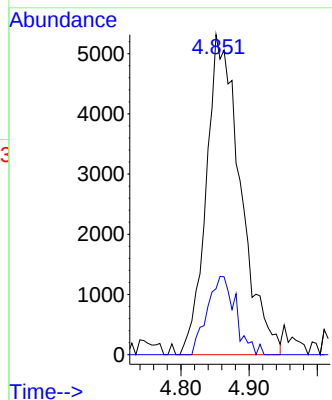
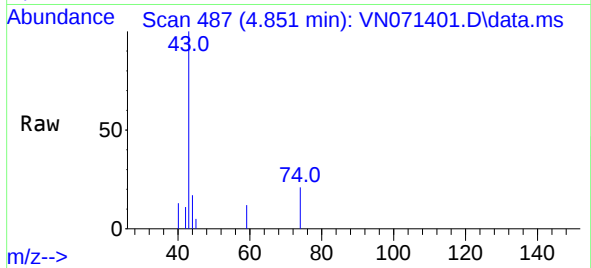




#18
Methyl Acetate
Concen: 1.993 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31

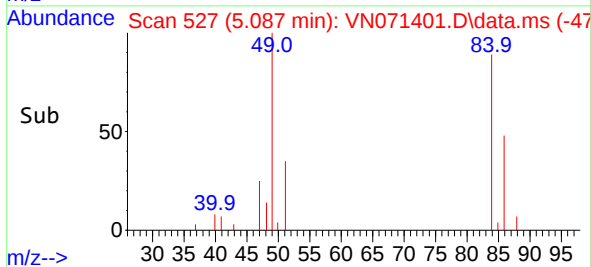
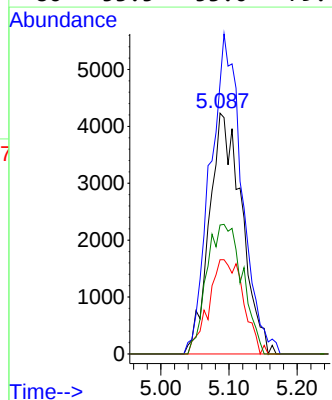
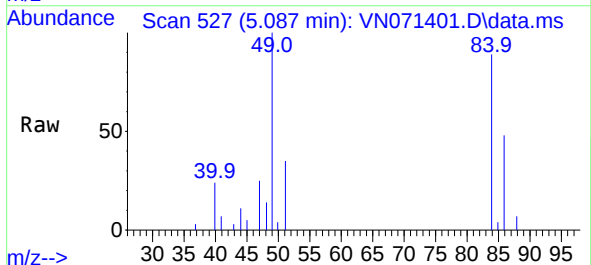
Instrument :
MSVOA_N
ClientSampleId :
C-8-7-8

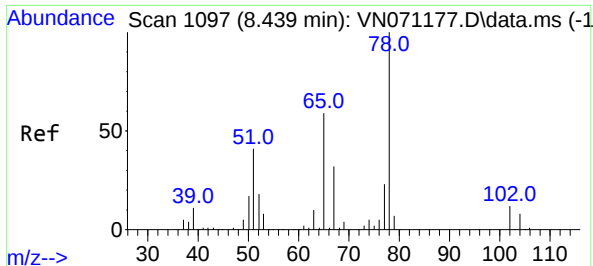
Tgt Ion: 43 Resp: 18590
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2



#20
Methylene Chloride
Concen: 2.070 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31

Tgt Ion: 84 Resp: 14002
Ion Ratio Lower Upper
84 100
49 112.3 93.5 140.3
51 39.1 29.4 44.2
86 53.5 53.0 79.4

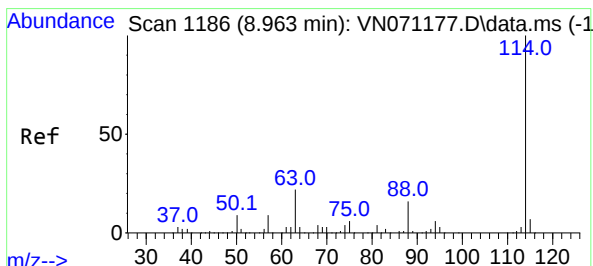
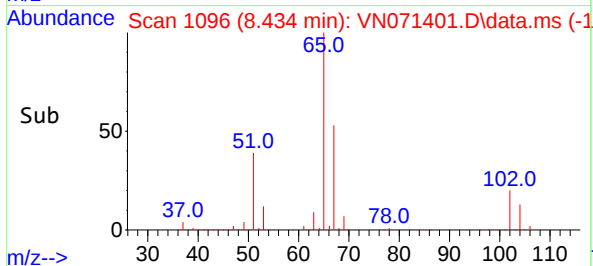
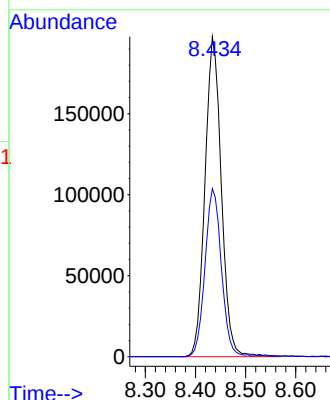
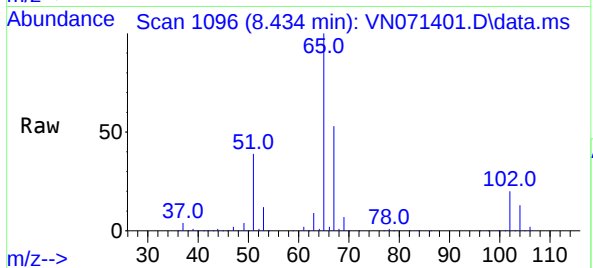




#33
1,2-Dichloroethane-d4
Concen: 48.480 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31

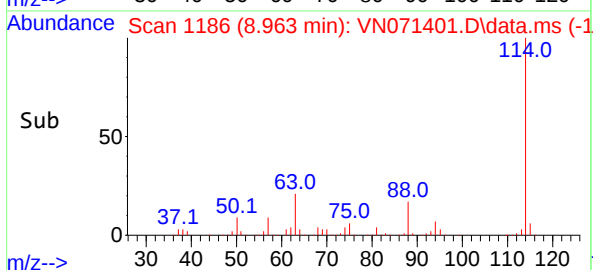
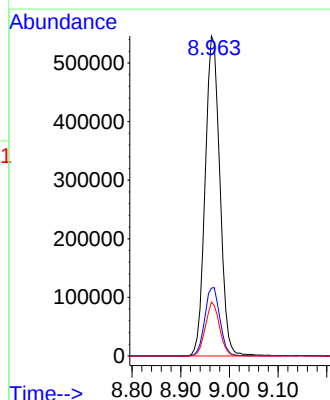
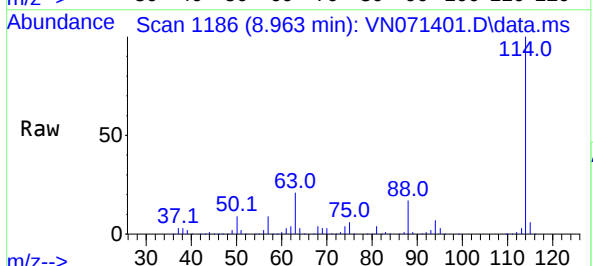
Instrument :
MSVOA_N
ClientSampleId :
C-8-7-8

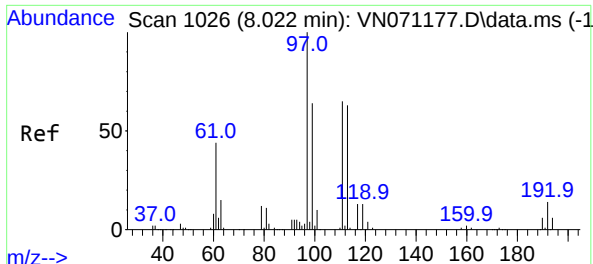
Tgt Ion: 65 Resp: 448666
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31

Tgt Ion: 114 Resp: 1142155
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.8
88 16.9 0.0 27.4

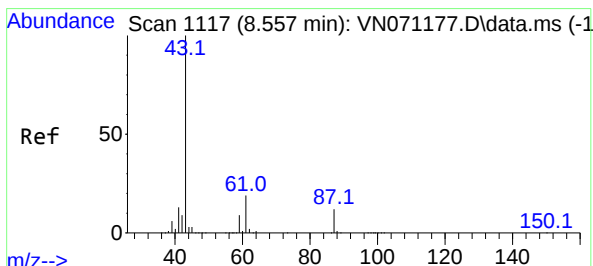
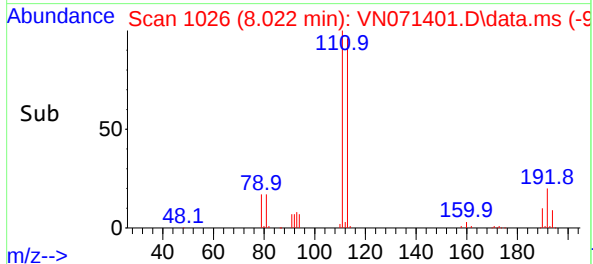
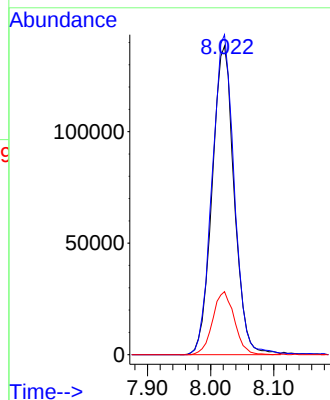
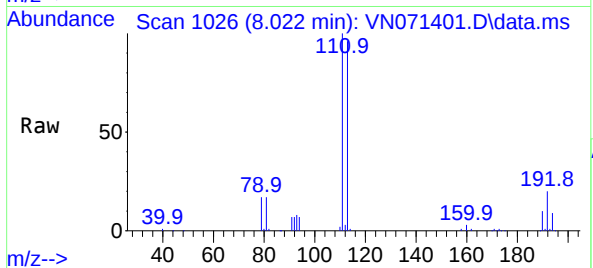




#35
Dibromofluoromethane
Concen: 46.563 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31

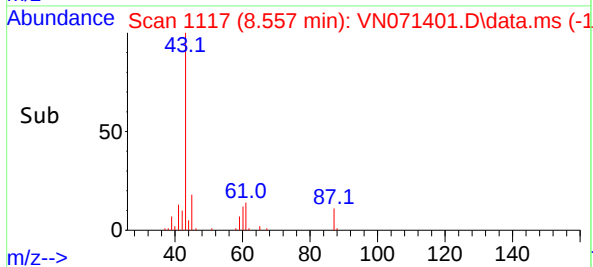
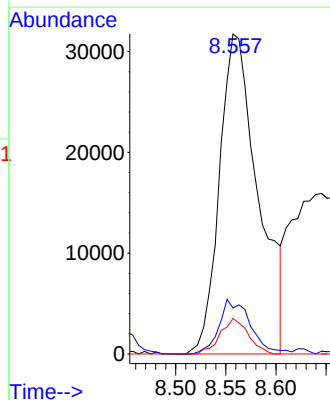
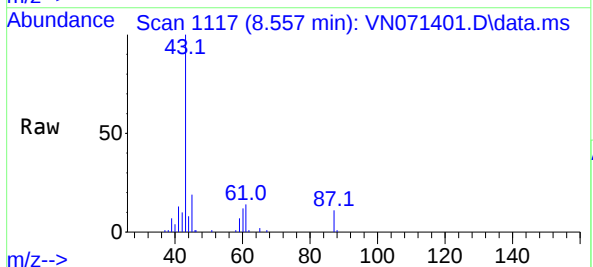
Instrument :
MSVOA_N
ClientSampleId :
C-8-7-8

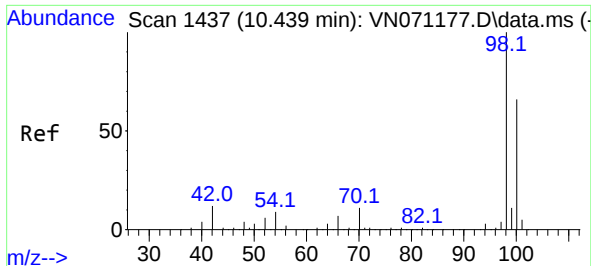
Tgt Ion:113 Resp: 335597
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 20.2 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.595 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31

Tgt Ion: 43 Resp: 85448
Ion Ratio Lower Upper
43 100
61 13.8 20.4 30.6#
87 8.0 11.2 16.8#

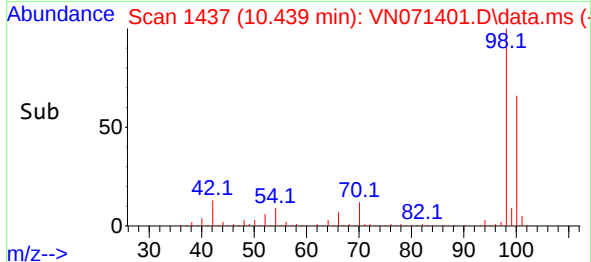
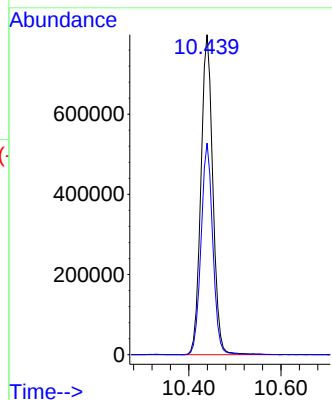
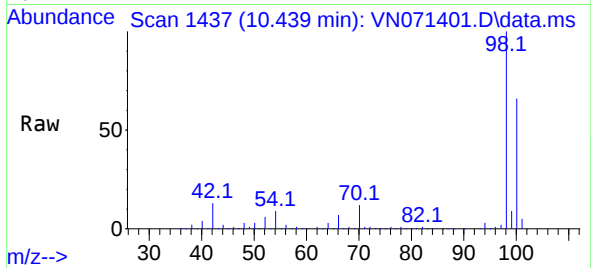




#50
Toluene-d8
Concen: 49.594 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31

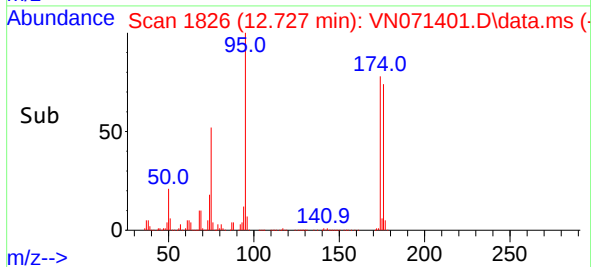
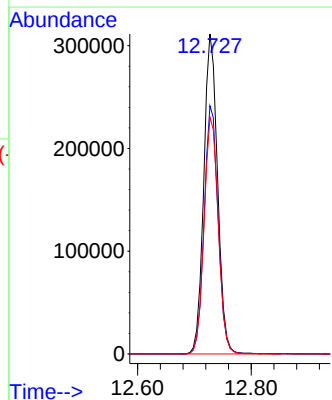
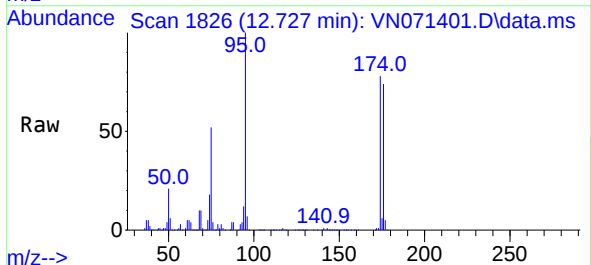
Instrument :
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C-8-7-8

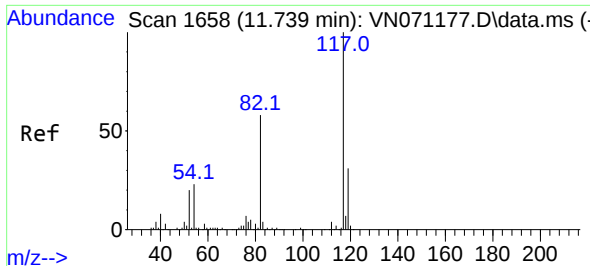
Tgt Ion: 98 Resp: 1439187
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 53.180 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31

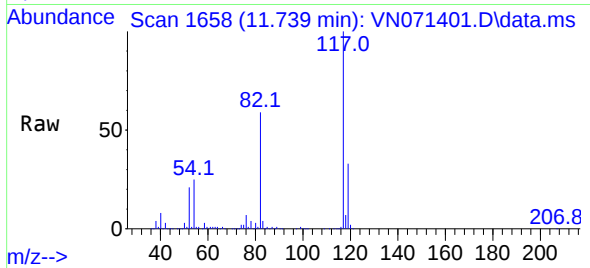
Tgt Ion: 95 Resp: 522579
Ion Ratio Lower Upper
95 100
174 78.3 0.0 187.2
176 76.1 0.0 181.4



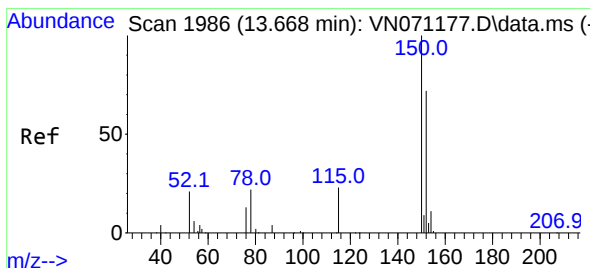
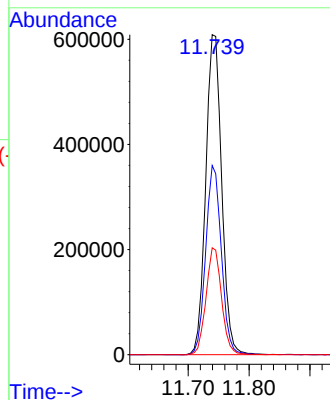
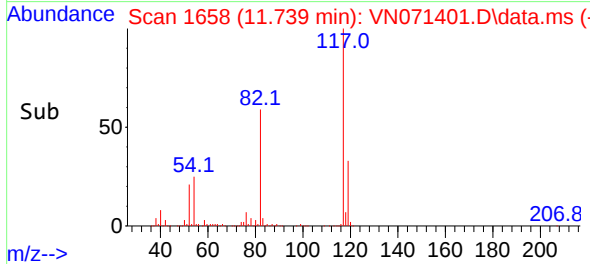


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31

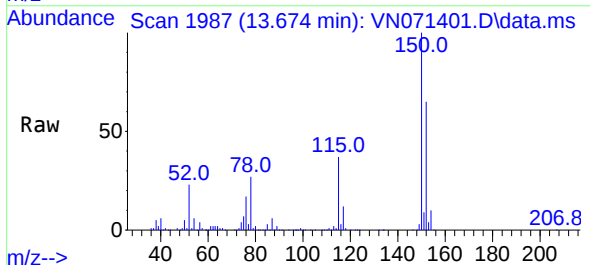
Instrument :
MSVOA_N
ClientSampleId :
C-8-7-8



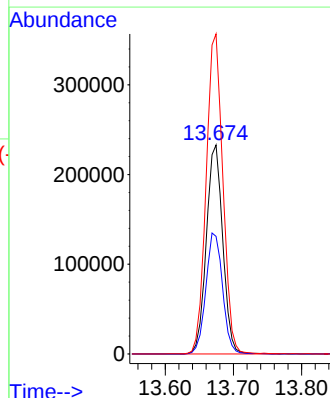
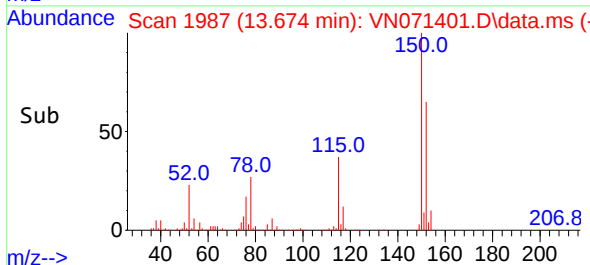
Tgt Ion:117 Resp: 1107372
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 33.4 25.4 38.2

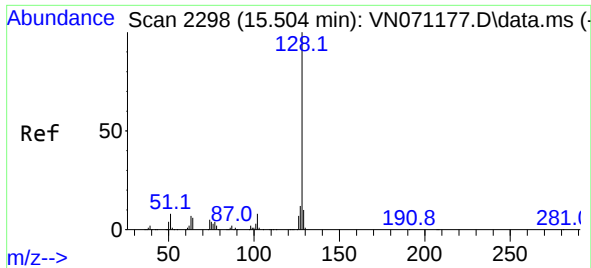


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31



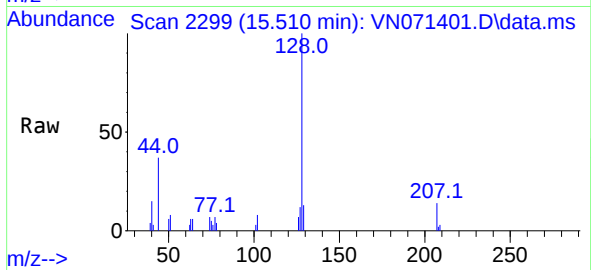
Tgt Ion:152 Resp: 390698
Ion Ratio Lower Upper
152 100
115 58.9 27.5 82.5
150 155.5 0.0 344.4





#95
Naphthalene
Concen: 5.702 ug/l
RT: 15.510 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071401.D
Acq: 19 Mar 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
C-8-7-8



Tgt Ion:	128	Resp:	12646
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.5	15.7
129	11.1	8.7	13.1

