

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073424.D
 Acq On : 11 Jul 2022 17:08
 Operator : JC\MD
 Sample : N3651-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP

Quant Time: Jul 12 07:28:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

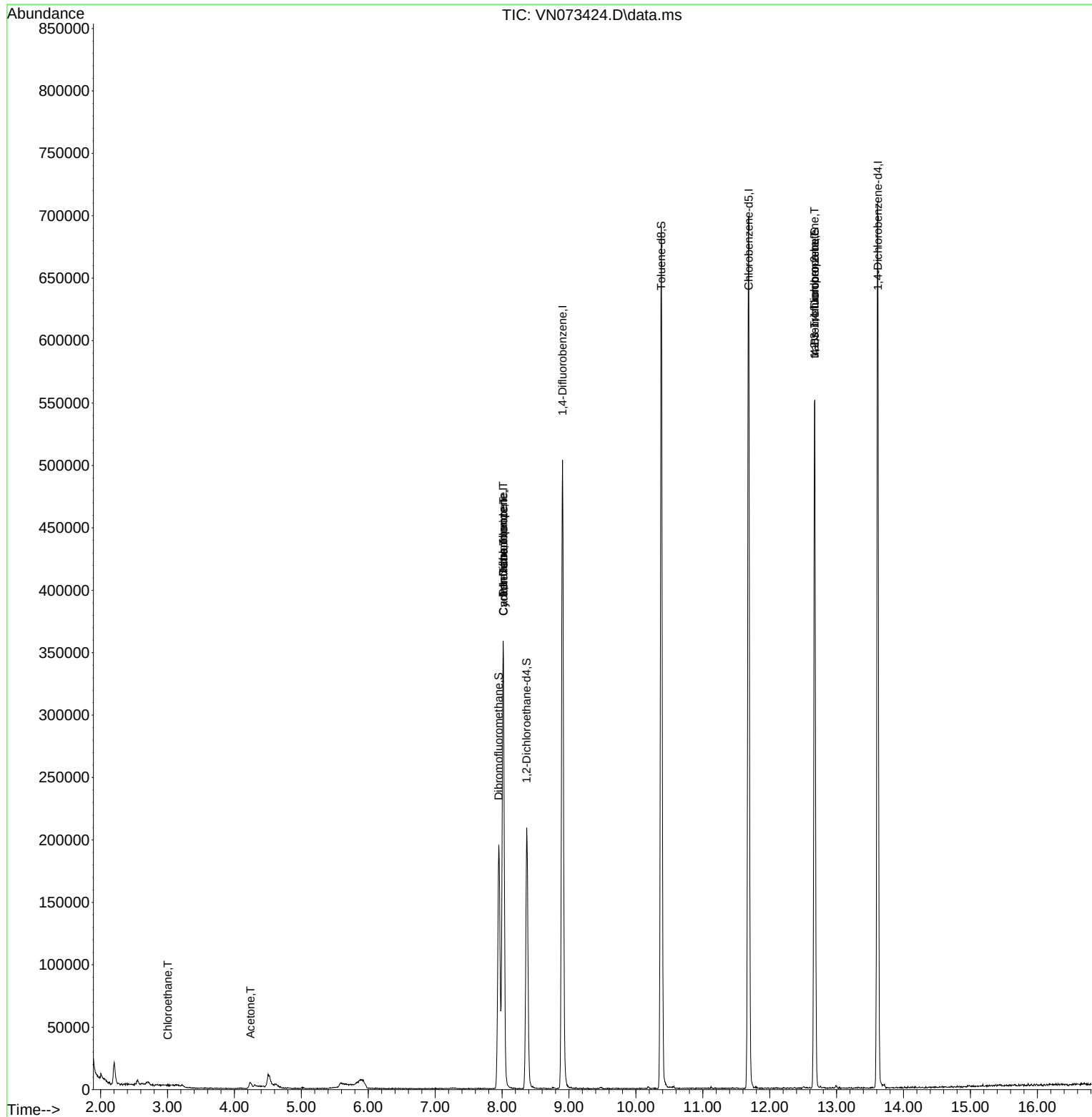
Internal Standards						
1) Pentafluorobenzene	8.016	168	259668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	432388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	401660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	187956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	175808	46.900	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.800%
35) Dibromofluoromethane	7.951	113	143495	49.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.760%
50) Toluene-d8	10.380	98	462427	45.260	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.520%
62) 4-Bromofluorobenzene	12.674	95	196174	49.962	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.920%
Target Compounds						
					Qvalue	
6) Chloroethane	3.004	64	394	0.214	ug/l #	69
16) Acetone	4.239	43	9748	4.633	ug/l #	83
31) Cyclohexane	8.022	56	6579	1.072	ug/l #	35
36) 1,1-Dichloropropene	8.016	75	21782	4.921	ug/l #	50
38) Carbon Tetrachloride	8.022	117	29215	6.382	ug/l #	16
76) 1,2,3-Trichloropropane	12.668	75	103884	21.138	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	103884	57.969	ug/l #	10

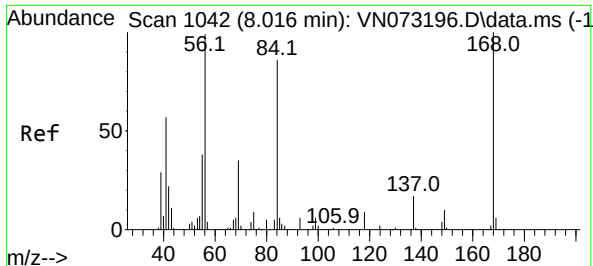
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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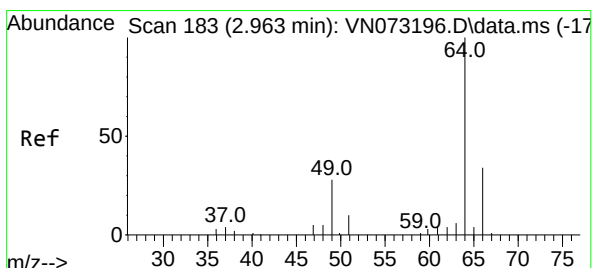
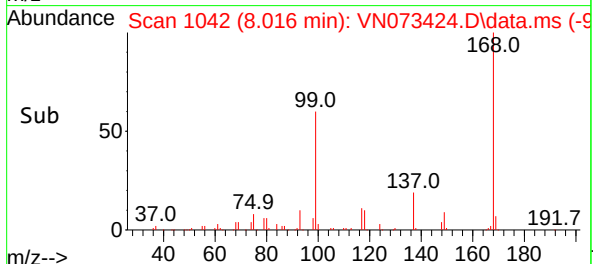
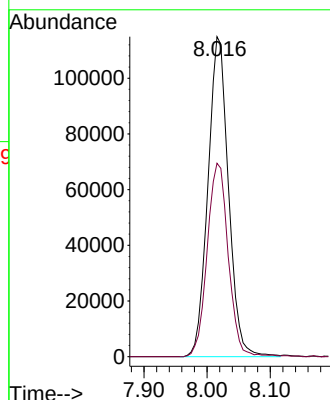
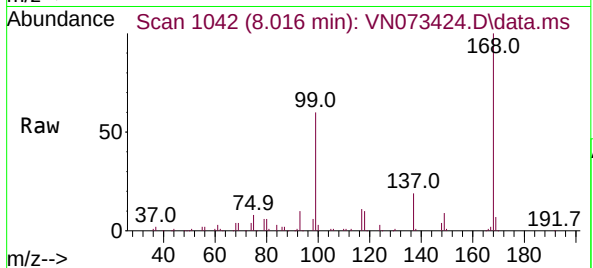




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073424.D
Acq: 11 Jul 2022 17:08

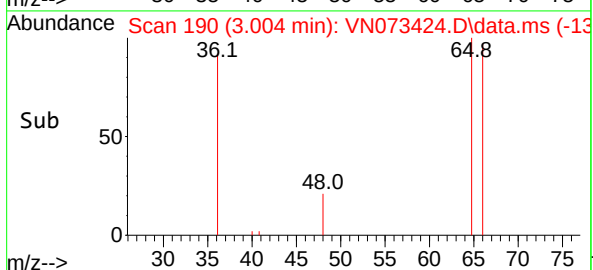
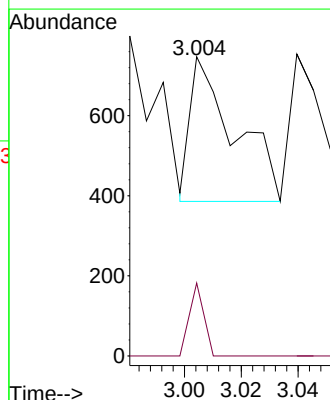
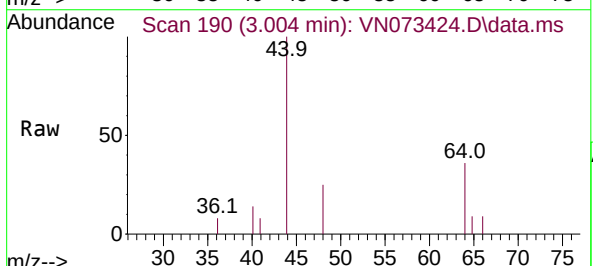
Instrument :
MSVOA_N
ClientSampleId :
DUP

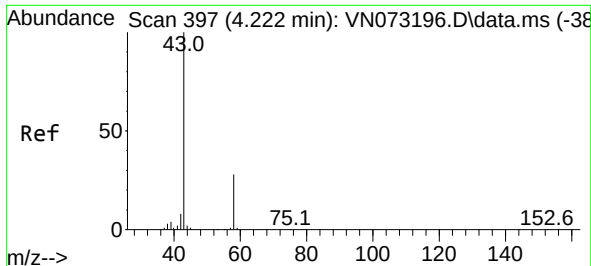
Tgt Ion:168 Resp: 259668
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5



#6
Chloroethane
Concen: 0.214 ug/l
RT: 3.004 min Scan# 190
Delta R.T. 0.041 min
Lab File: VN073424.D
Acq: 11 Jul 2022 17:08

Tgt Ion: 64 Resp: 394
Ion Ratio Lower Upper
64 100
66 50.4 26.2 39.4#

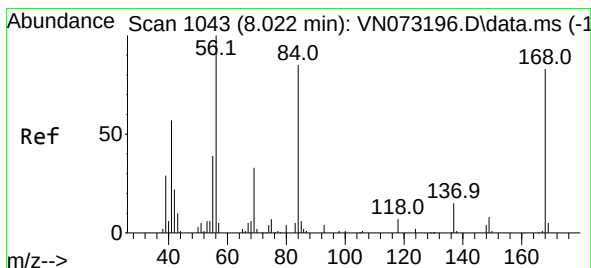
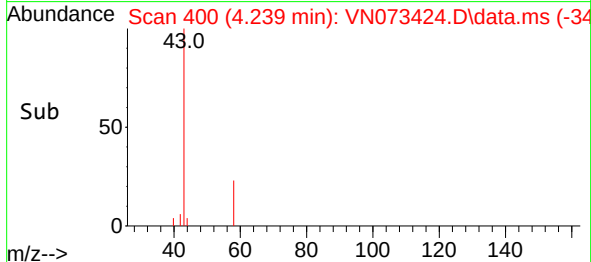
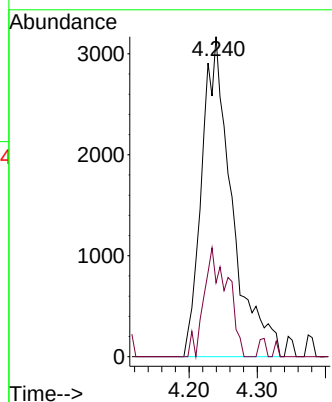
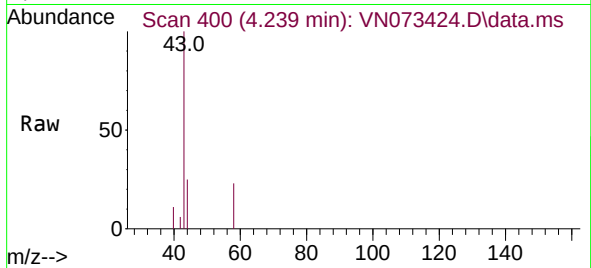




#16
Acetone
Concen: 4.633 ug/l
RT: 4.239 min Scan# 40
Delta R.T. 0.017 min
Lab File: VN073424.D
Acq: 11 Jul 2022 17:08

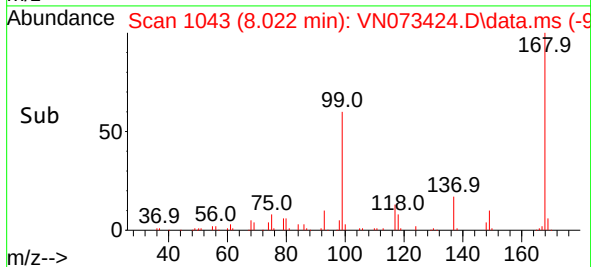
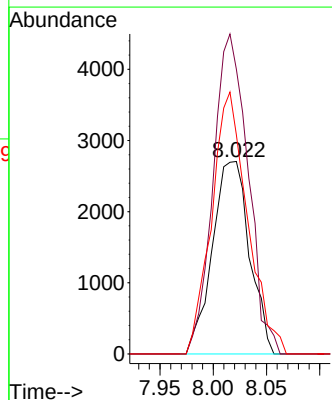
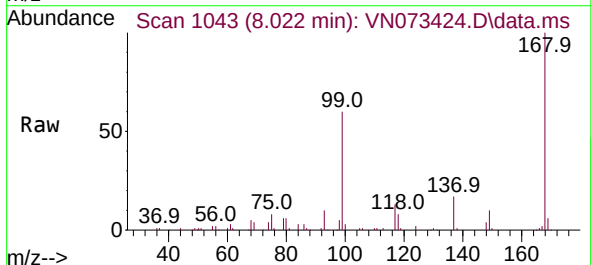
Instrument :
MSVOA_N
ClientSampleId :
DUP

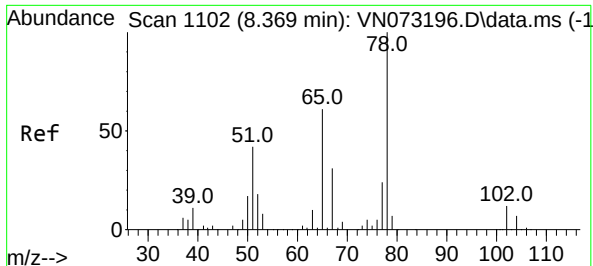
Tgt Ion: 43 Resp: 9748
Ion Ratio Lower Upper
43 100
58 23.1 26.0 39.0#



#31
Cyclohexane
Concen: 1.072 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073424.D
Acq: 11 Jul 2022 17:08

Tgt Ion: 56 Resp: 6579
Ion Ratio Lower Upper
56 100
69 148.0 27.8 41.8#
84 113.9 76.9 115.3

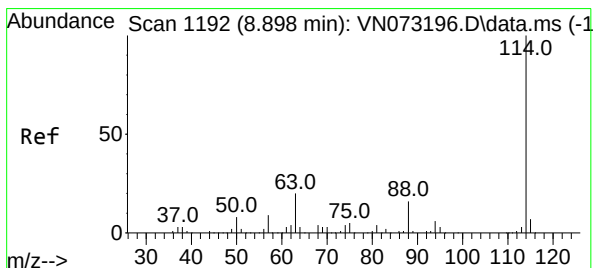
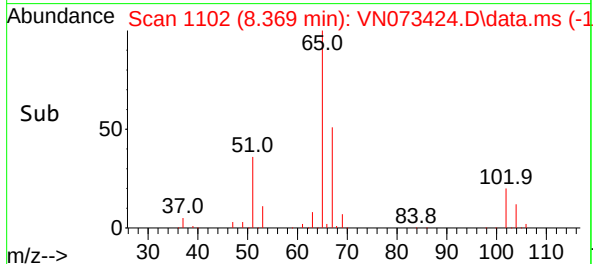
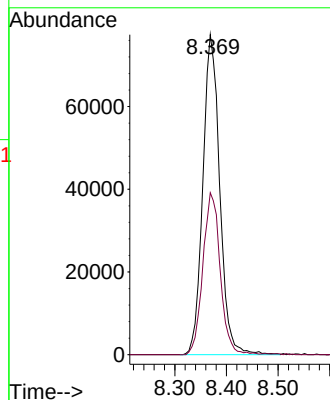
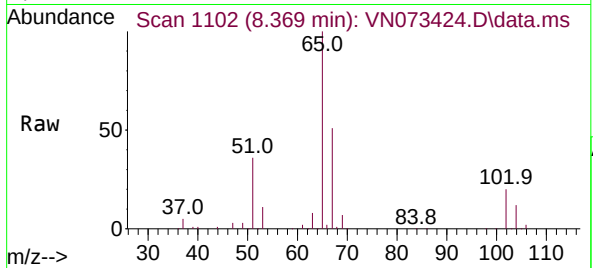




#33
1,2-Dichloroethane-d4
Concen: 46.900 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073424.D
Acq: 11 Jul 2022 17:08

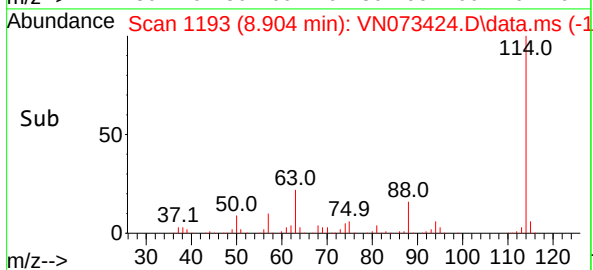
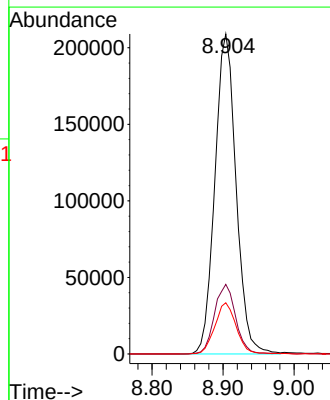
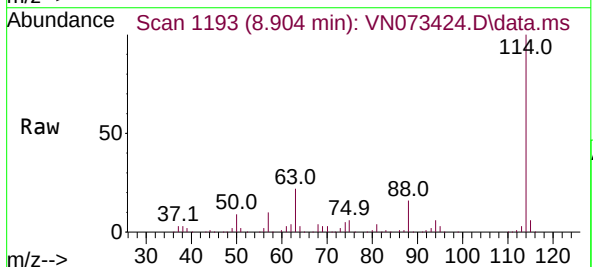
Instrument :
MSVOA_N
ClientSampleId :
DUP

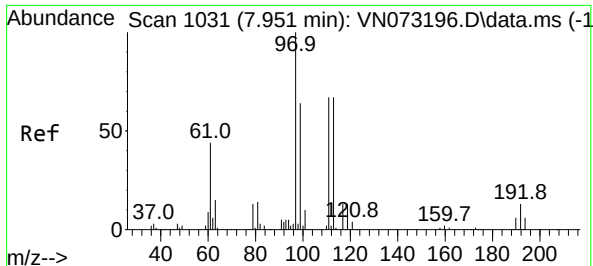
Tgt Ion: 65 Resp: 175808
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073424.D
Acq: 11 Jul 2022 17:08

Tgt Ion: 114 Resp: 432388
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.0
88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.881 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073424.D

Acq: 11 Jul 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

DUP

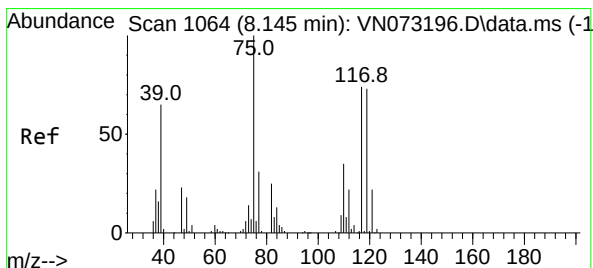
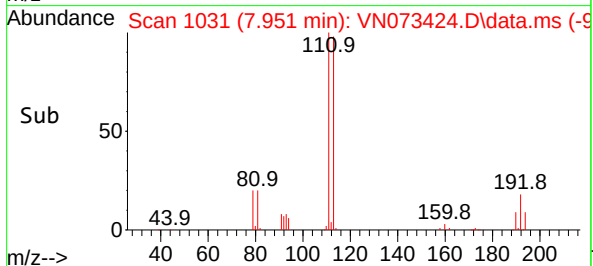
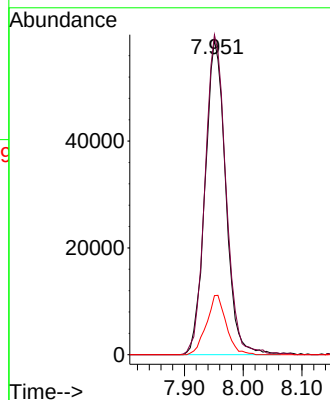
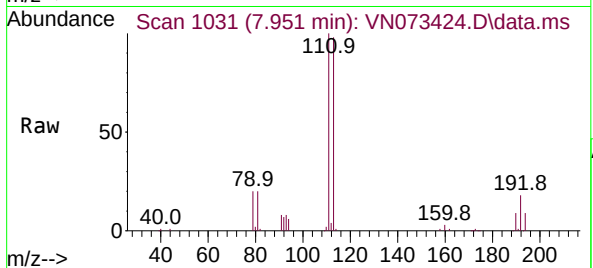
Tgt Ion:113 Resp: 143495

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 18.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.921 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073424.D

Acq: 11 Jul 2022 17:08

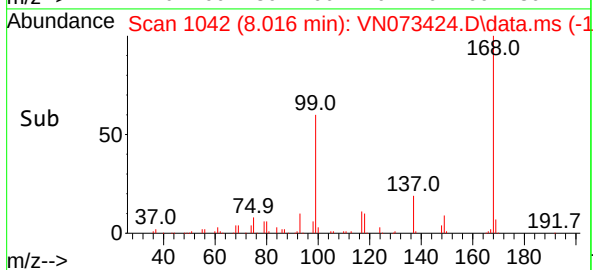
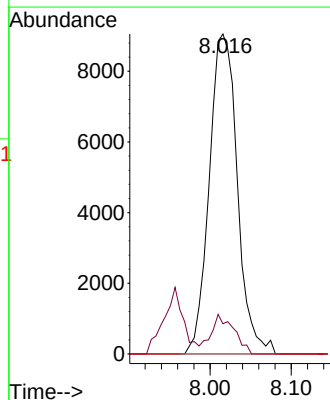
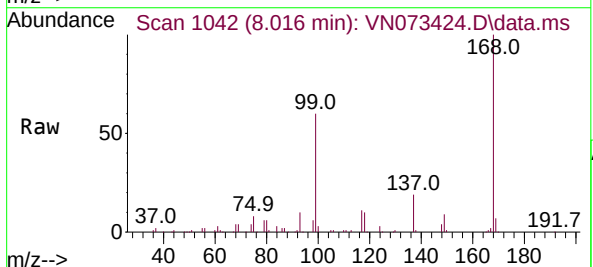
Tgt Ion: 75 Resp: 21782

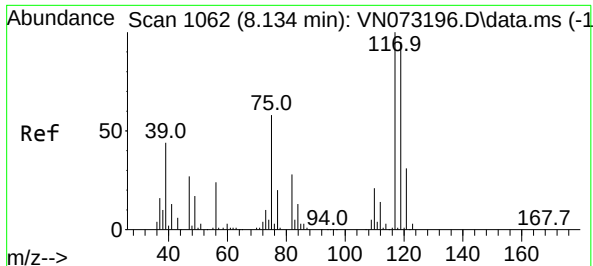
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

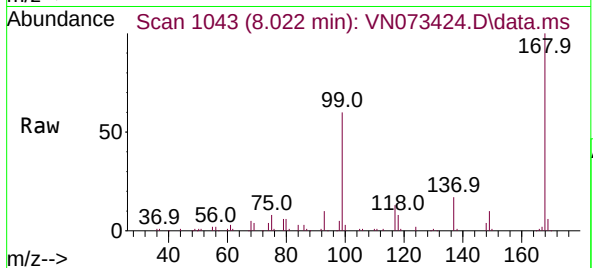
77 0.0 25.1 37.7#



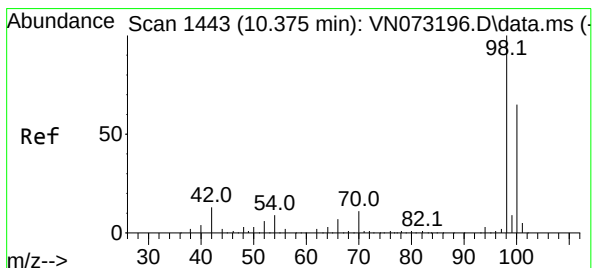
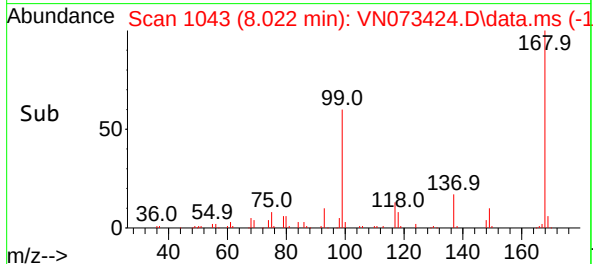
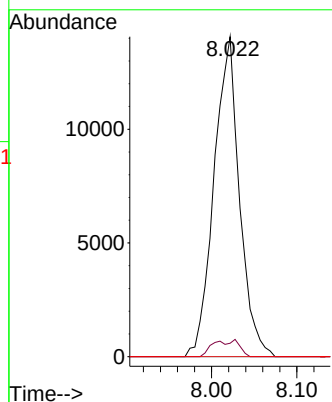


#38
Carbon Tetrachloride
Concen: 6.382 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN073424.D
Acq: 11 Jul 2022 17:08

Instrument :
MSVOA_N
ClientSampleId :
DUP

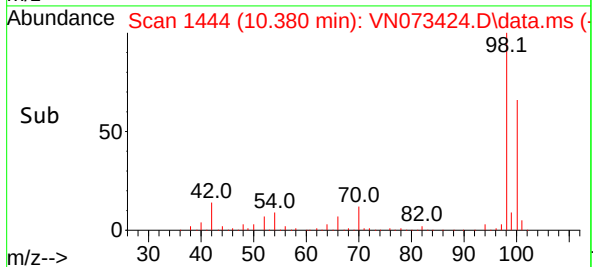
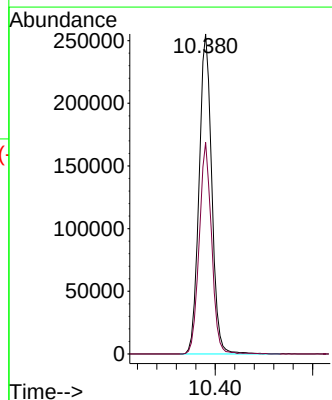
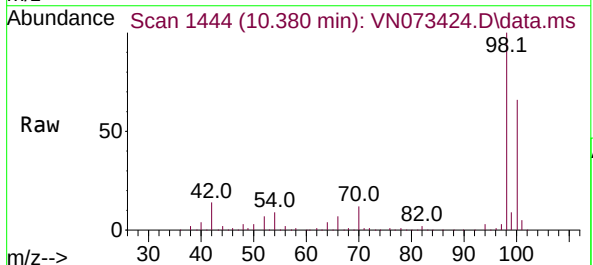


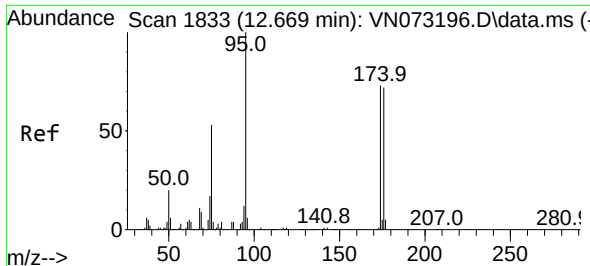
Tgt Ion:117 Resp: 29215
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.260 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073424.D
Acq: 11 Jul 2022 17:08

Tgt Ion: 98 Resp: 462427
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

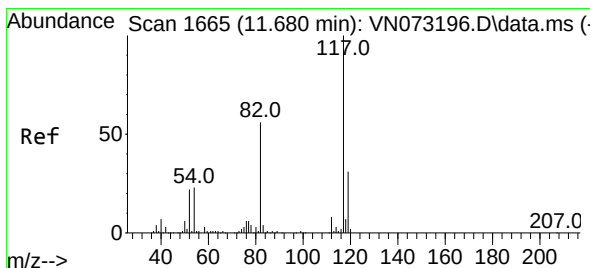
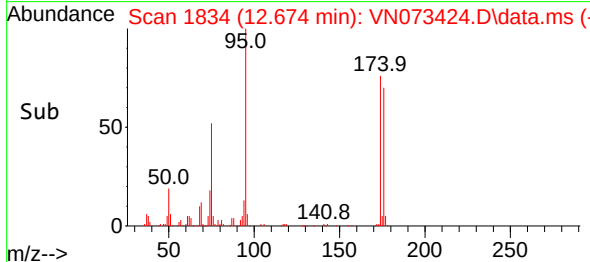
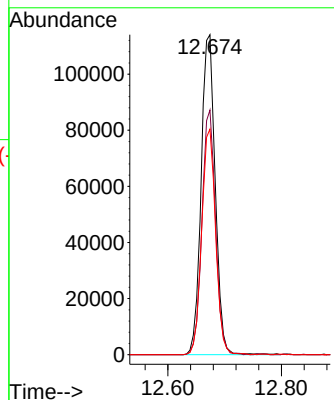
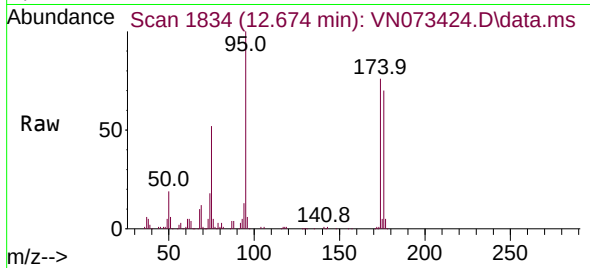




#62
4-Bromofluorobenzene
Concen: 49.962 ug/l
RT: 12.674 min Scan# 1833
Delta R.T. 0.005 min
Lab File: VN073424.D
Acq: 11 Jul 2022 17:08

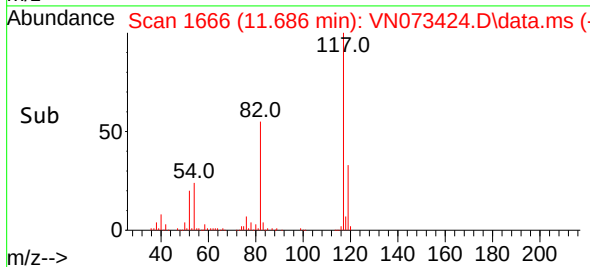
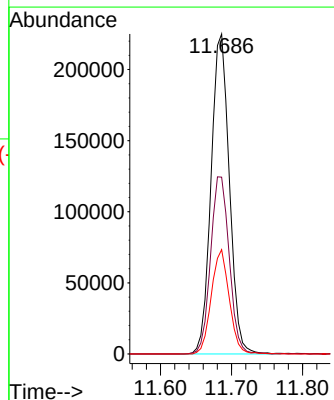
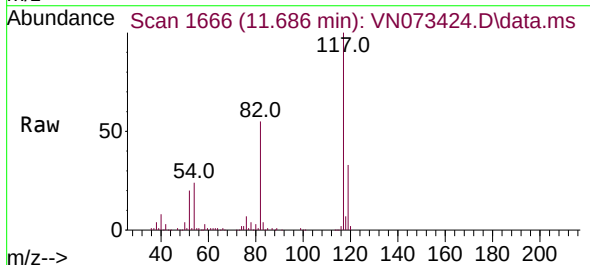
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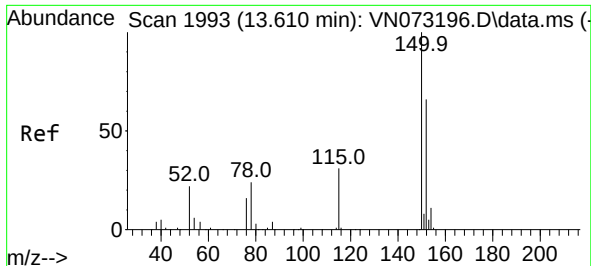
Tgt Ion: 95 Resp: 196174
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 69.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073424.D
Acq: 11 Jul 2022 17:08

Tgt Ion: 117 Resp: 401660
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.6 25.4 38.0

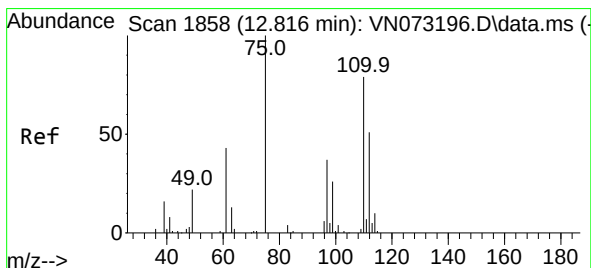
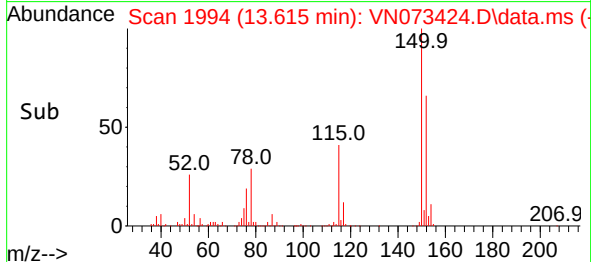
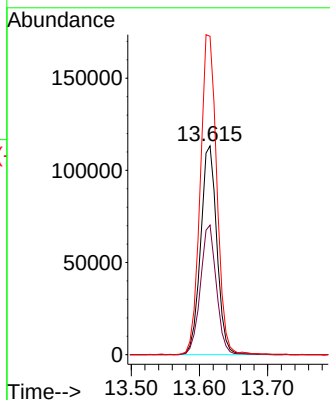
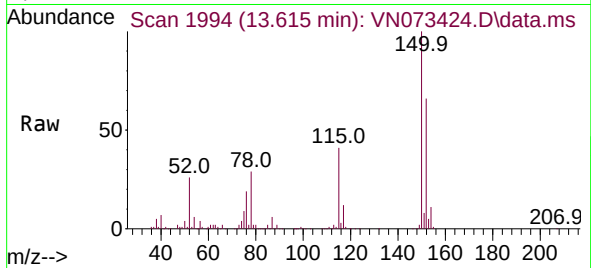




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1993
 Delta R.T. 0.005 min
 Lab File: VN073424.D
 Acq: 11 Jul 2022 17:08

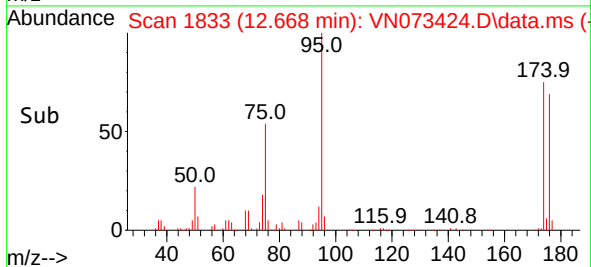
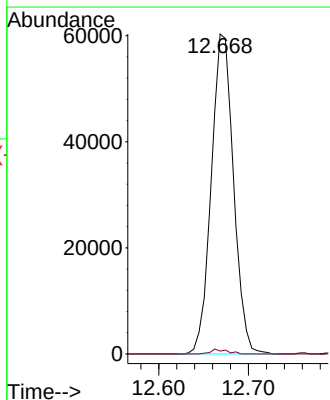
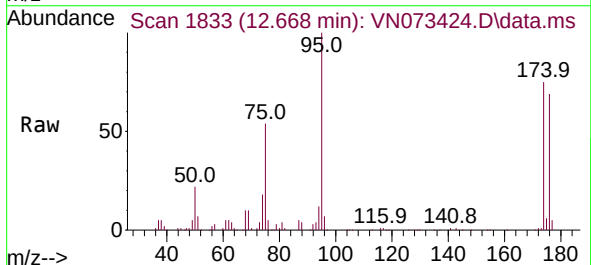
Instrument :
 MSVOA_N
 ClientSampleId :
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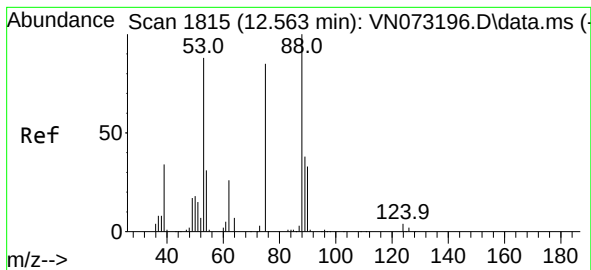
Tgt Ion:152 Resp: 187956
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.9 86.7
 150 156.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.138 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.148 min
 Lab File: VN073424.D
 Acq: 11 Jul 2022 17:08

Tgt Ion: 75 Resp: 103884
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.969 ug/l
 RT: 12.668 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VN073424.D
 Acq: 11 Jul 2022 17:08

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP

Tgt Ion: 75 Resp: 103884
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

