

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073365.D
 Acq On : 07 Jul 2022 12:40
 Operator : JC\MD
 Sample : N3591-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OW-01B-64-69-070522-FD

Quant Time: Jul 07 15:03:25 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)

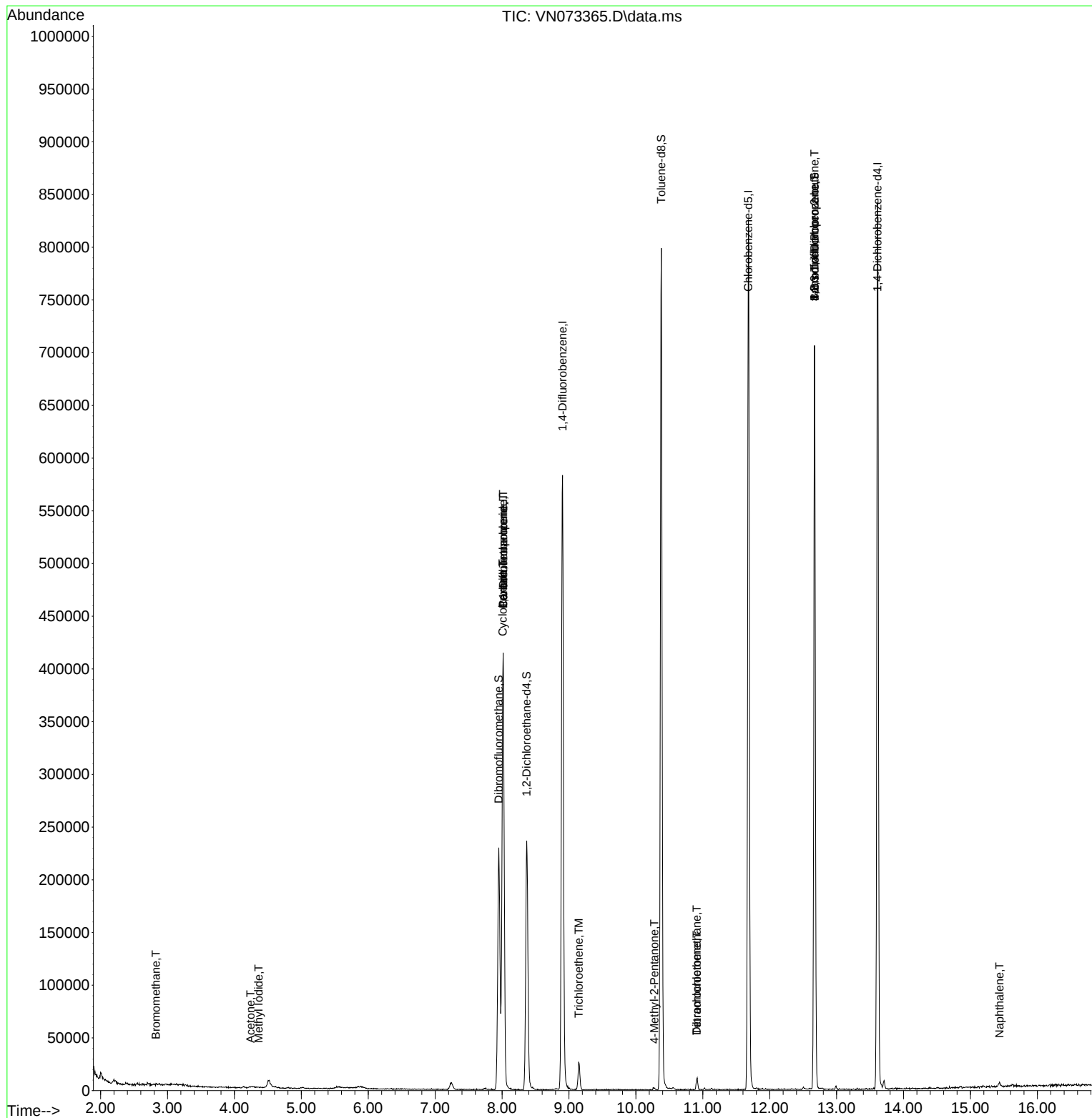
Internal Standards						
1) Pentafluorobenzene	8.016	168	309668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	515193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	483188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	229771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	201851	45.153	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.300%		
35) Dibromofluoromethane	7.951	113	167290	48.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.620%		
50) Toluene-d8	10.380	98	541998	44.521	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.040%		
62) 4-Bromofluorobenzene	12.668	95	240615	51.431	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.860%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	506	0.287	ug/l #	60
10) Methyl Iodide	4.363	142	54	3.746	ug/l #	44
16) Acetone	4.240	43	2663	1.061	ug/l #	82
31) Cyclohexane	8.010	56	7283	0.995	ug/l #	45
36) 1,1-Dichloropropene	8.016	75	25758	4.884	ug/l #	49
38) Carbon Tetrachloride	8.016	117	33035	6.057	ug/l #	16
44) Trichloroethene	9.145	130	9399	2.269	ug/l	89
51) 4-Methyl-2-Pentanone	10.274	43	1874	0.258	ug/l #	76
60) Dibromochloromethane	10.910	129	2305	0.584	ug/l #	11
64) Tetrachloroethene	10.910	164	2384	0.604	ug/l #	80
71) Bromoform	12.668	173	1773	0.603	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	125520	20.892	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	125520	57.295	ug/l #	10
95) Naphthalene	15.433	128	4612	0.260	ug/l #	95

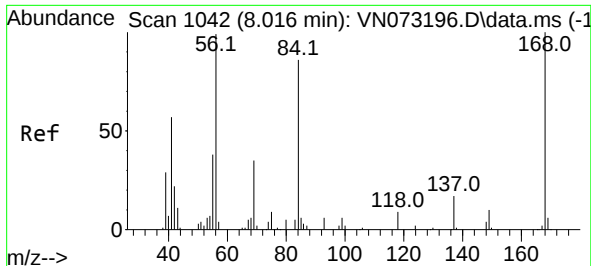
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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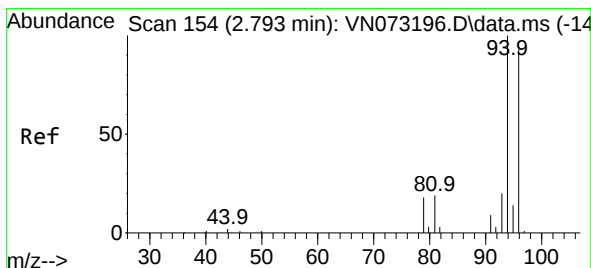
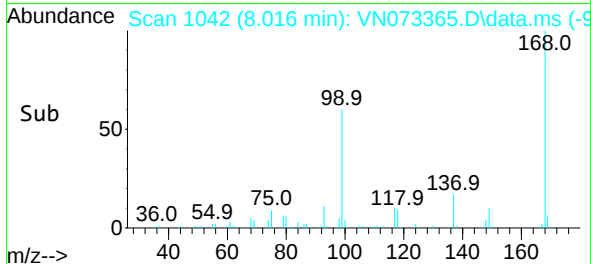
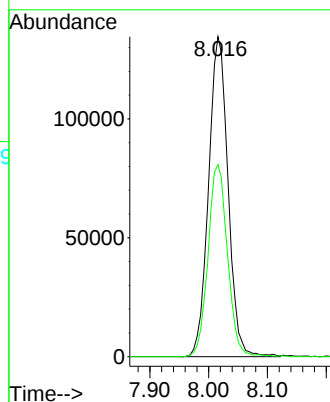
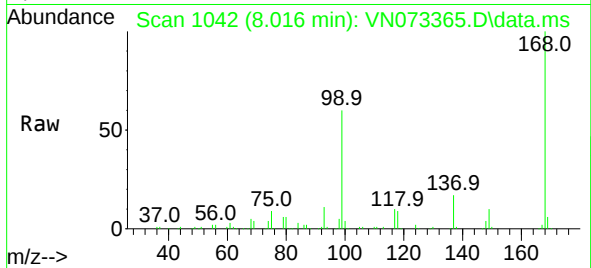




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

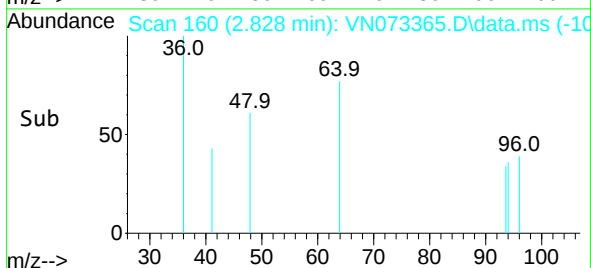
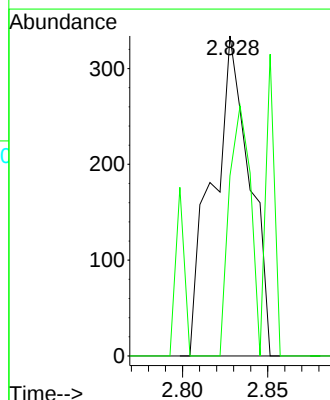
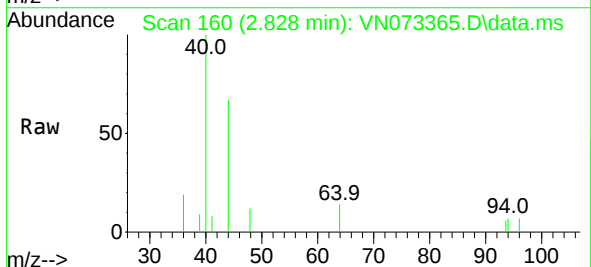
Instrument :
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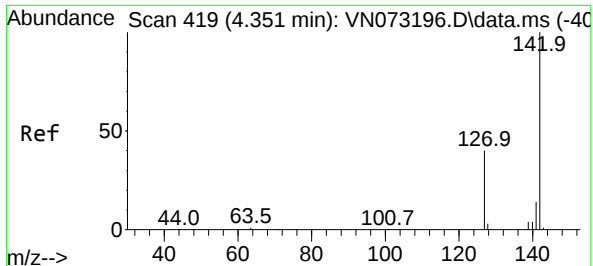
Tgt Ion:168 Resp: 309668
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#5
Bromomethane
Concen: 0.287 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.035 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

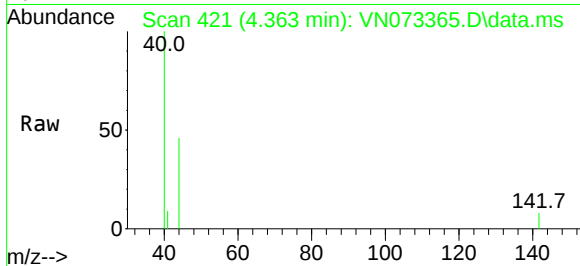
Tgt Ion: 94 Resp: 506
Ion Ratio Lower Upper
94 100
96 56.3 76.0 114.0#



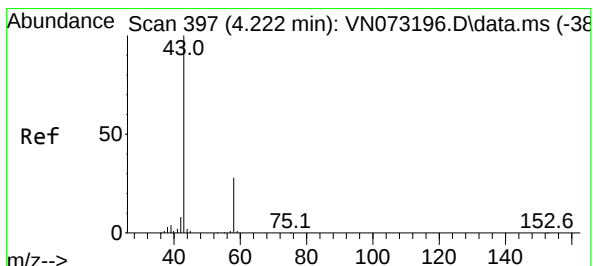
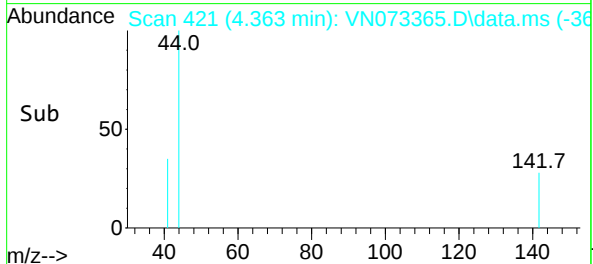
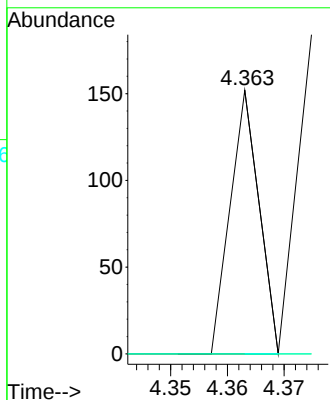


#10
Methyl Iodide
Concen: 3.746 ug/l
RT: 4.363 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

Instrument :
MSVOA_N
ClientSampleId :
OW-01B-64-69-070522-FD

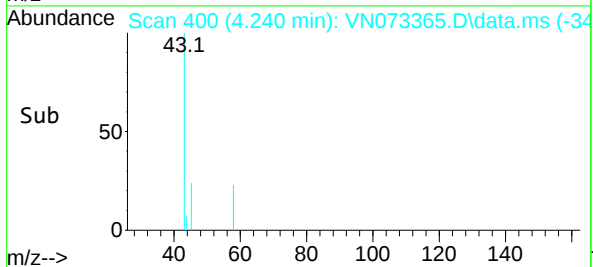
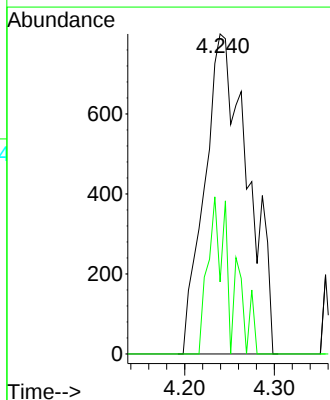
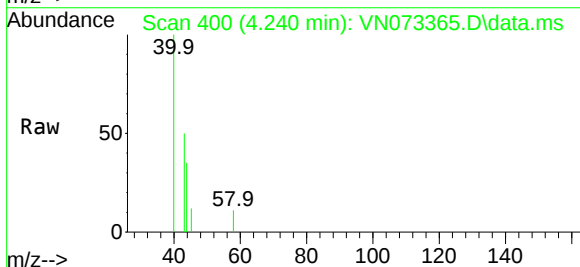


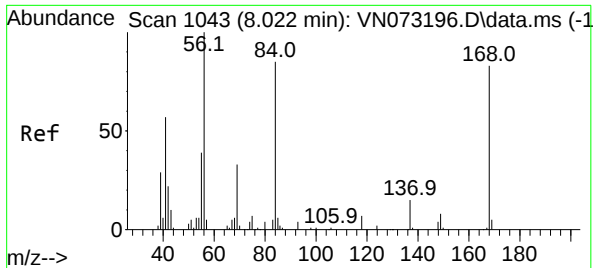
Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 1.061 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

Tgt Ion: 43 Resp: 2663
Ion Ratio Lower Upper
43 100
58 22.5 26.0 39.0#

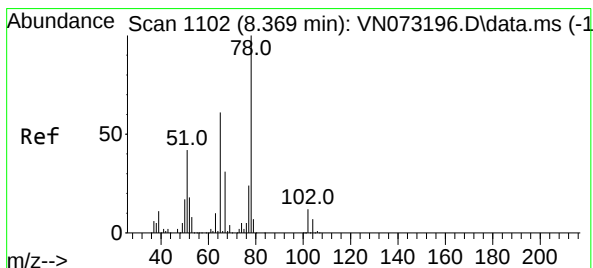
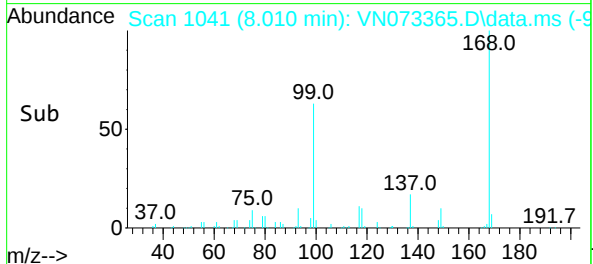
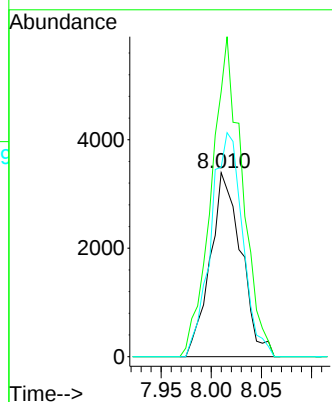
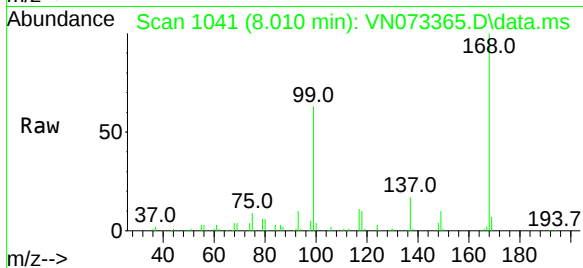




#31
Cyclohexane
Concen: 0.995 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

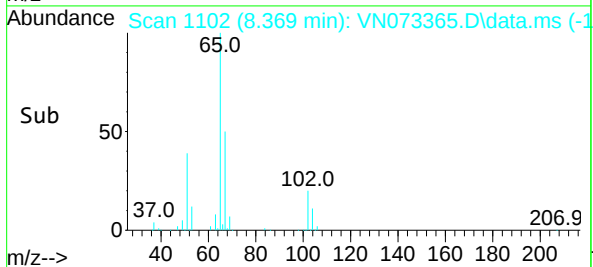
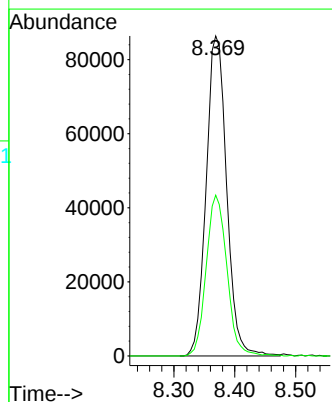
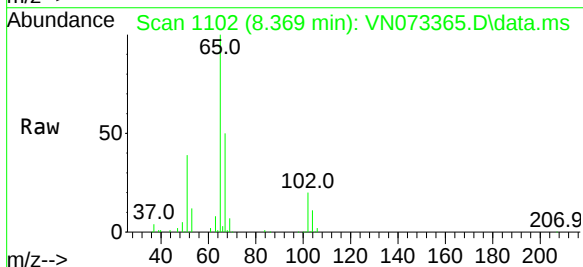
Instrument :
MSVOA_N
ClientSampleId :
OW-01B-64-69-070522-FD

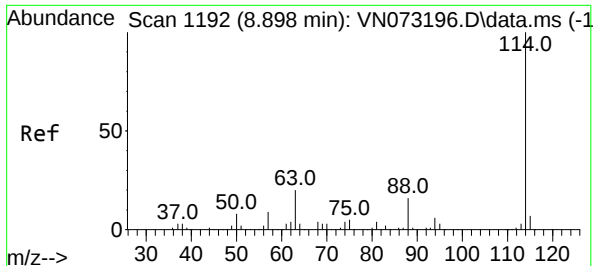
Tgt Ion: 56 Resp: 7283
Ion Ratio Lower Upper
56 100
69 143.9 27.8 41.8#
84 102.9 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 45.153 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

Tgt Ion: 65 Resp: 201851
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073365.D

Acq: 07 Jul 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

OW-01B-64-69-070522-FD

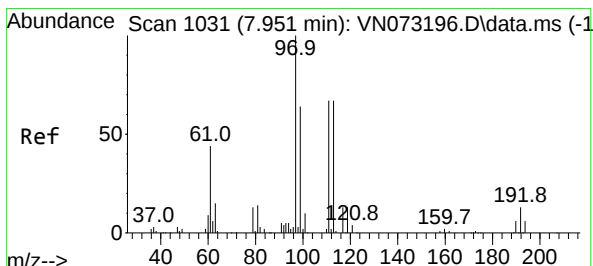
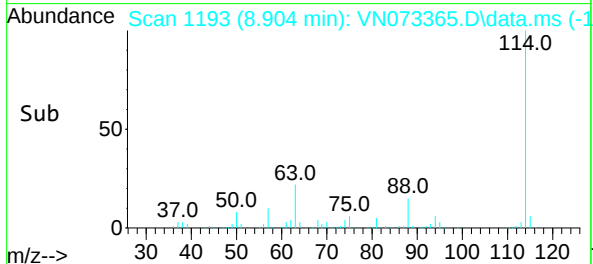
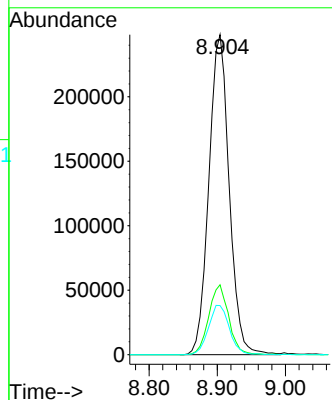
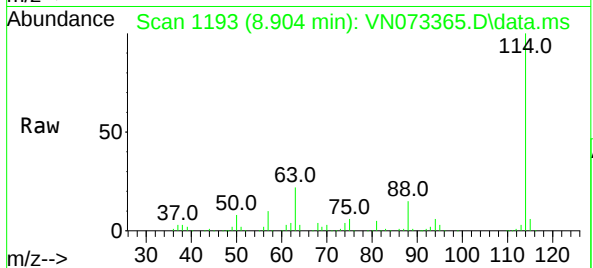
Tgt Ion:114 Resp: 515193

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.806 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073365.D

Acq: 07 Jul 2022 12:40

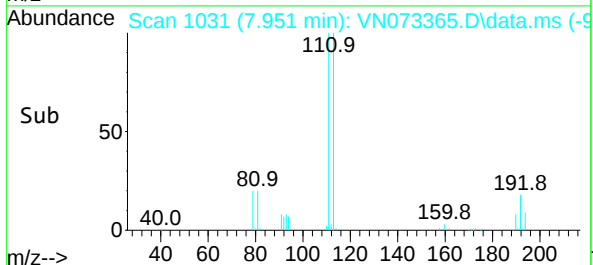
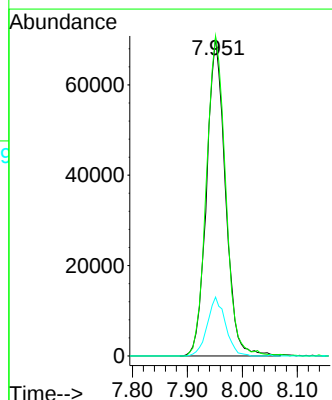
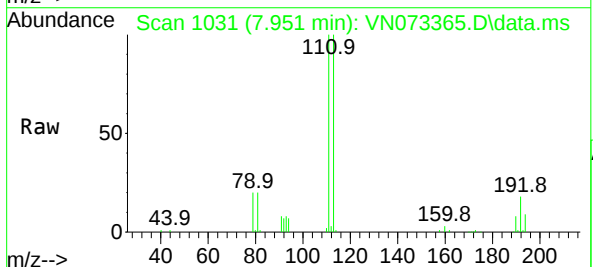
Tgt Ion:113 Resp: 167290

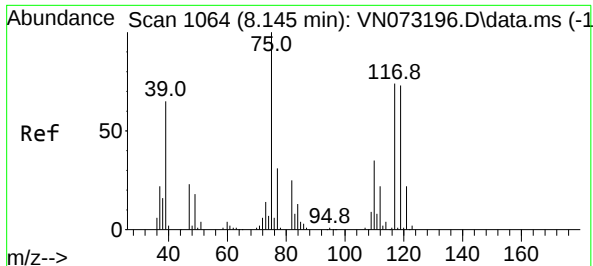
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 17.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.884 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073365.D

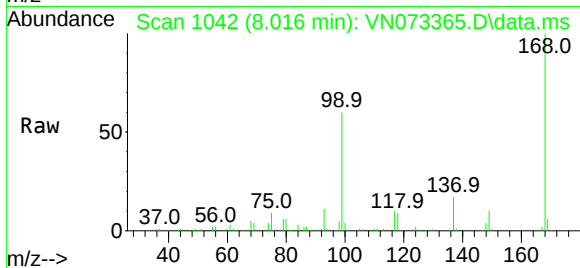
Acq: 07 Jul 2022 12:40

Instrument :

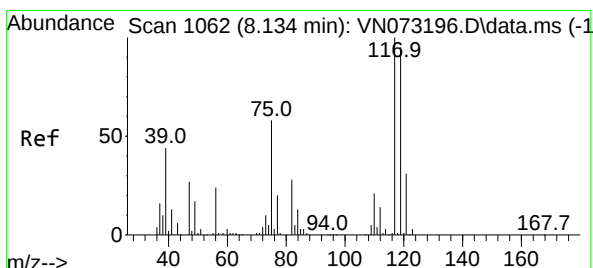
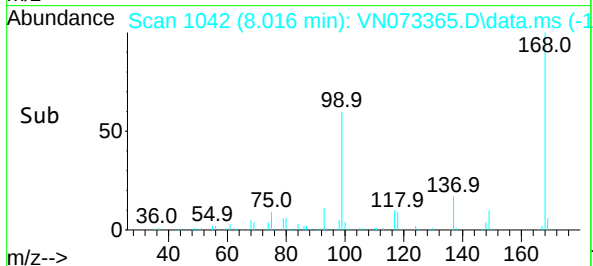
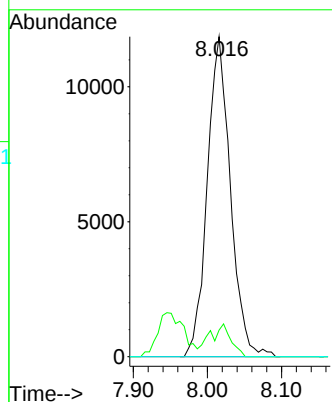
MSVOA_N

ClientSampleId :

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Tgt Ion:	75	Resp:	25758
Ion Ratio	Lower	Upper	
75	100		
110	9.3	18.3	54.8#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.057 ug/l

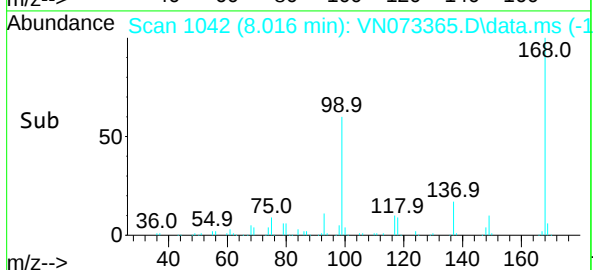
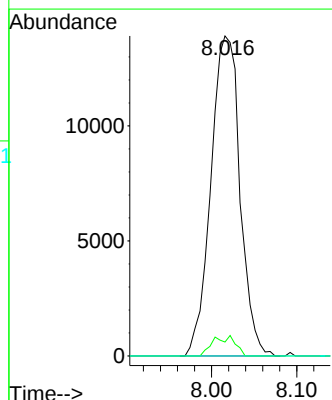
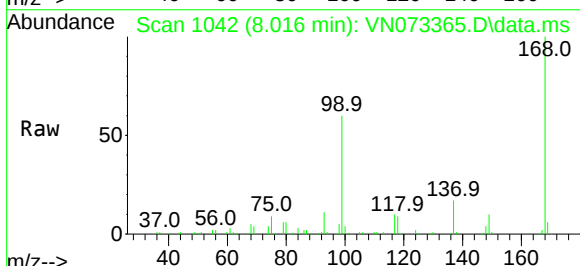
RT: 8.016 min Scan# 1042

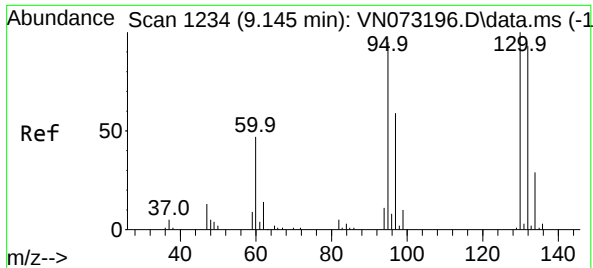
Delta R.T. -0.118 min

Lab File: VN073365.D

Acq: 07 Jul 2022 12:40

Tgt Ion:	117	Resp:	33035
Ion Ratio	Lower	Upper	
117	100		
119	4.4	75.8	113.8#
121	0.0	24.6	37.0#

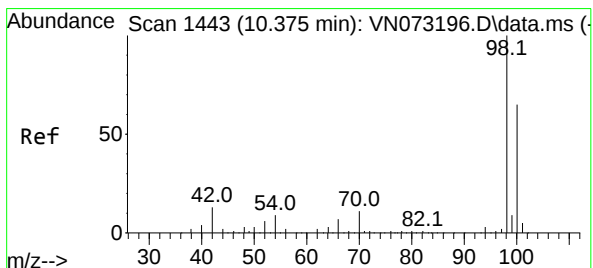
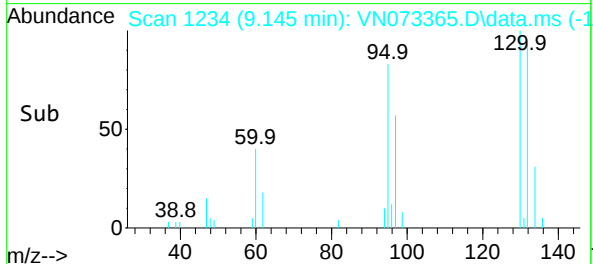
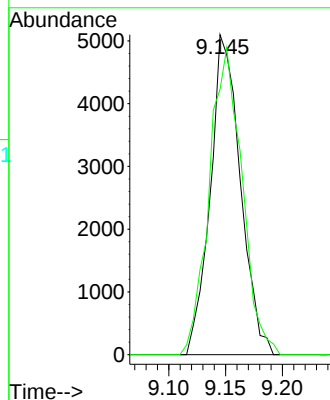
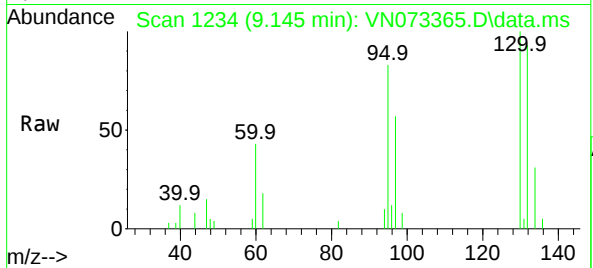




#44
Trichloroethene
Concen: 2.269 ug/l
RT: 9.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

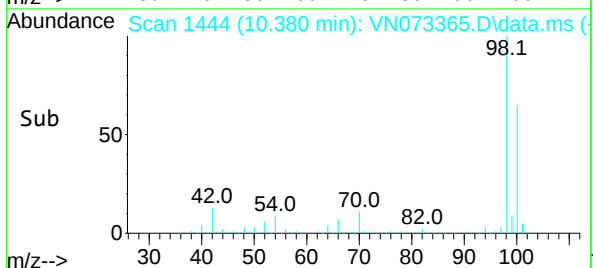
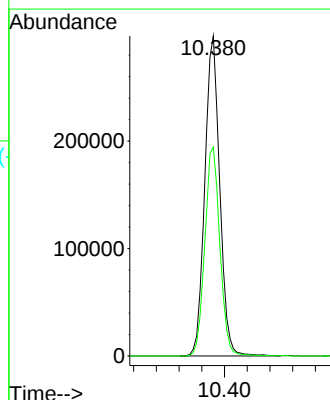
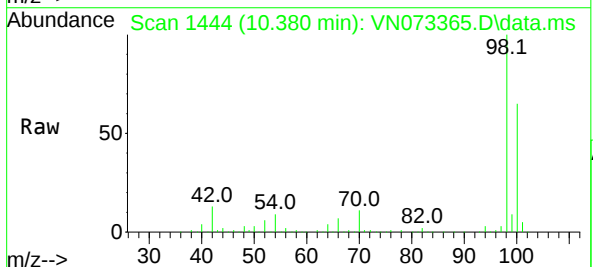
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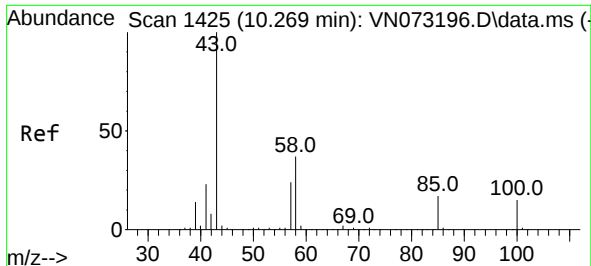
Tgt Ion:130 Resp: 9399
Ion Ratio Lower Upper
130 100
95 82.9 0.0 186.8



#50
Toluene-d8
Concen: 44.521 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

Tgt Ion: 98 Resp: 541998
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

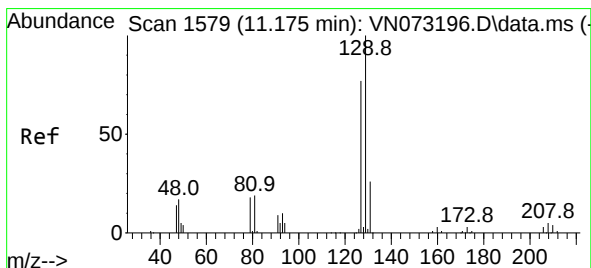
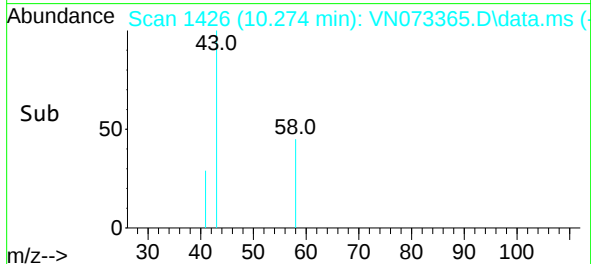
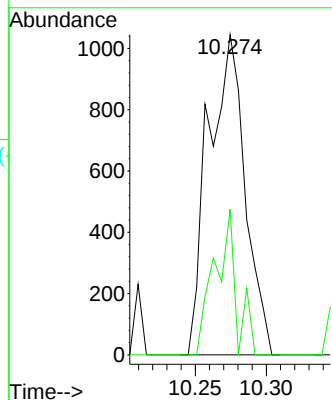
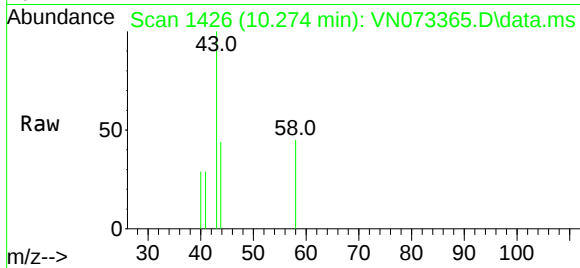




#51
4-Methyl-2-Pentanone
Concen: 0.258 ug/l
RT: 10.274 min Scan# 14
Delta R.T. 0.005 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

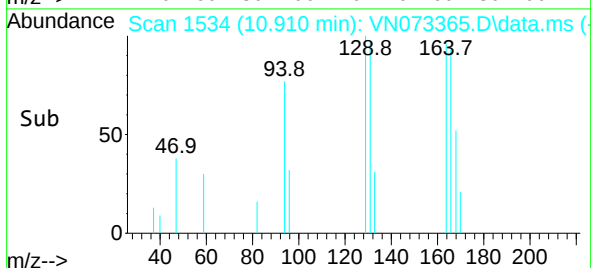
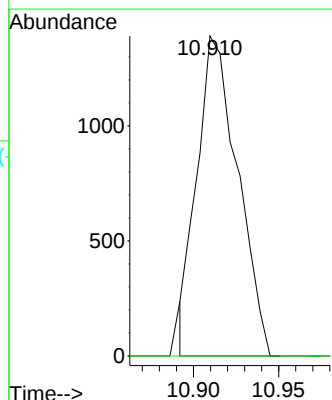
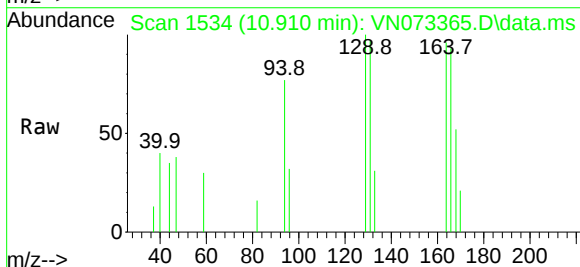
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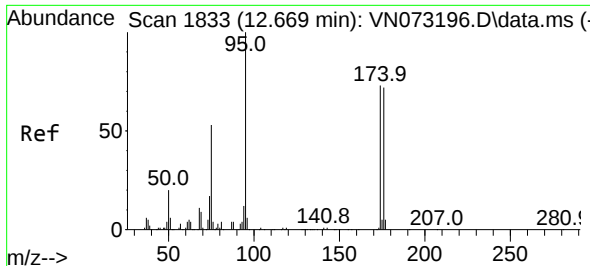
Tgt Ion: 43 Resp: 1874
Ion Ratio Lower Upper
43 100
58 27.1 34.1 51.1#



#60
Dibromochloromethane
Concen: 0.584 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.265 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

Tgt Ion: 129 Resp: 2305
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

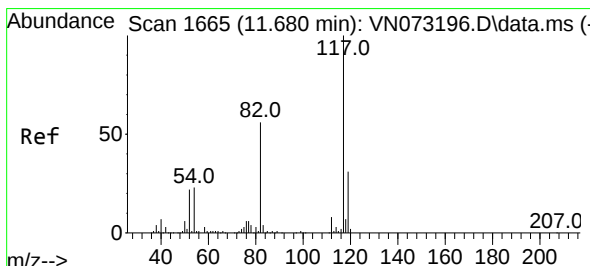
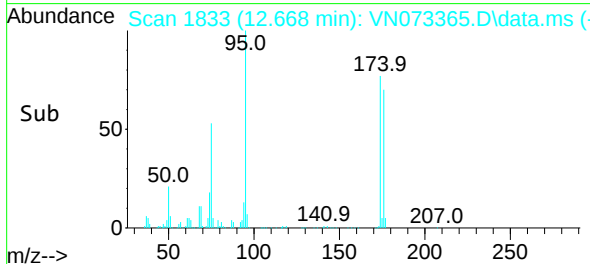
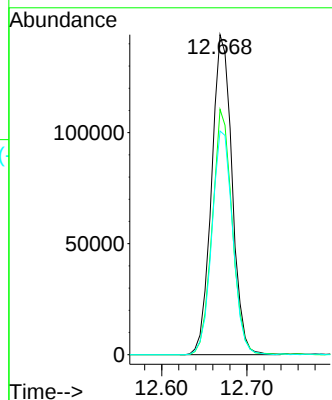
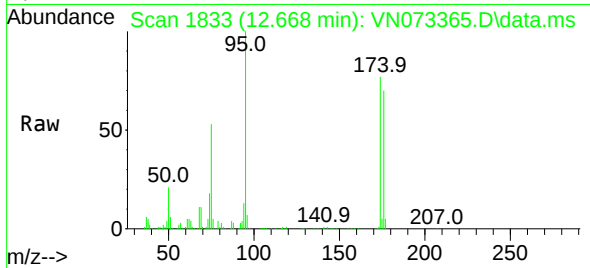




#62
4-Bromofluorobenzene
Concen: 51.431 ug/l
RT: 12.668 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

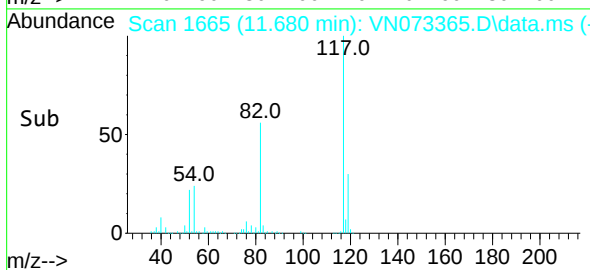
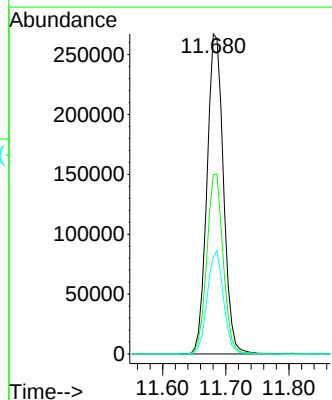
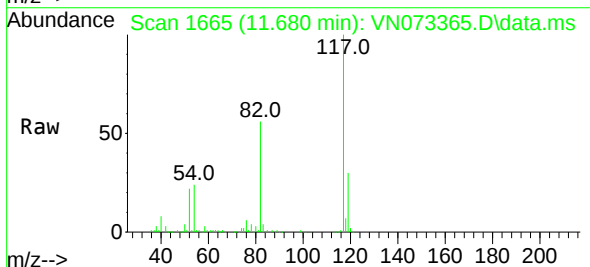
Instrument :
MSVOA_N
ClientSampleId :
OW-01B-64-69-070522-FD

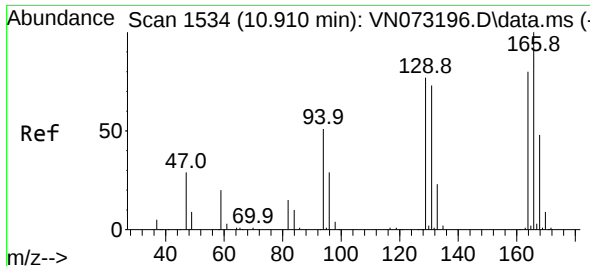
Tgt Ion: 95 Resp: 240615
Ion Ratio Lower Upper
95 100
174 74.4 0.0 167.6
176 71.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

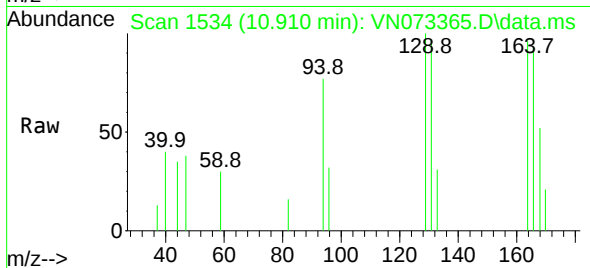
Tgt Ion: 117 Resp: 483188
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 30.3 25.4 38.0



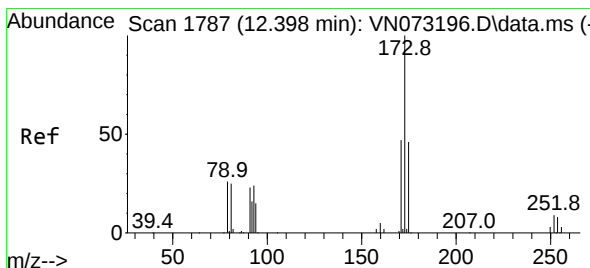
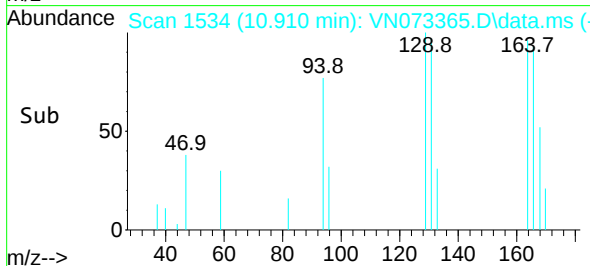
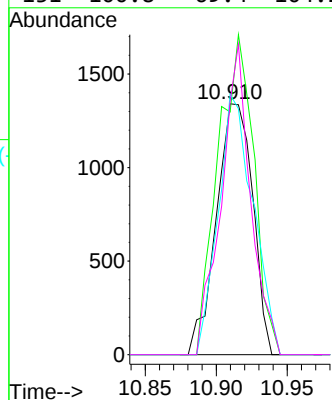


#64
Tetrachloroethene
Concen: 0.604 ug/l
RT: 10.910 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

Instrument :
MSVOA_N
ClientSampleId :
OW-01B-64-69-070522-FD

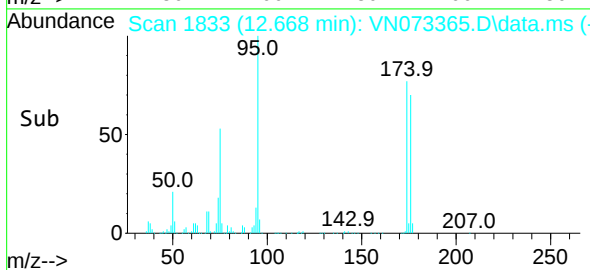
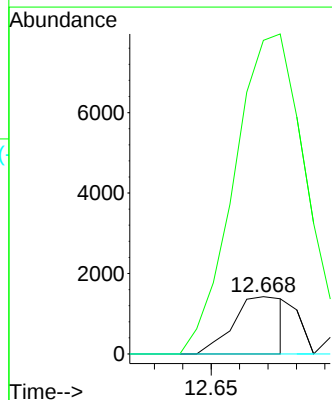
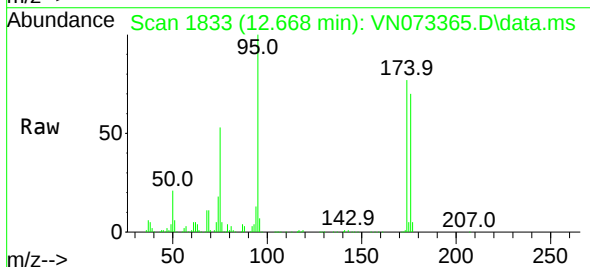


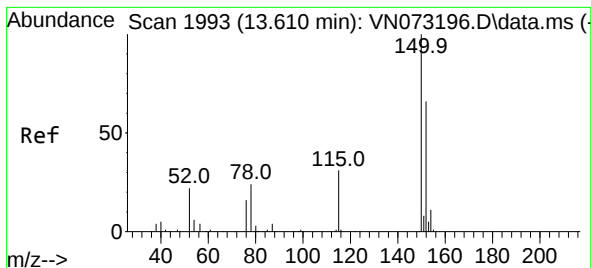
Tgt Ion:164 Resp: 2384
Ion Ratio Lower Upper
164 100
166 96.7 104.2 156.2#
129 103.7 73.9 110.9
131 100.8 69.4 104.2



#71
Bromoform
Concen: 0.603 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

Tgt Ion:173 Resp: 1773
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: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073365.D

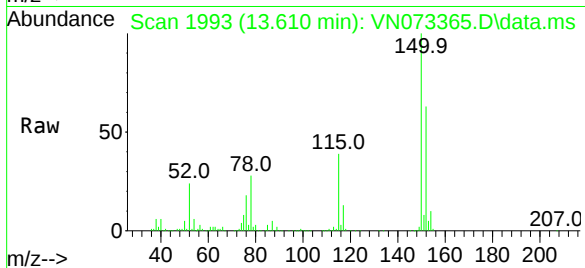
Acq: 07 Jul 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

OW-01B-64-69-070522-FD



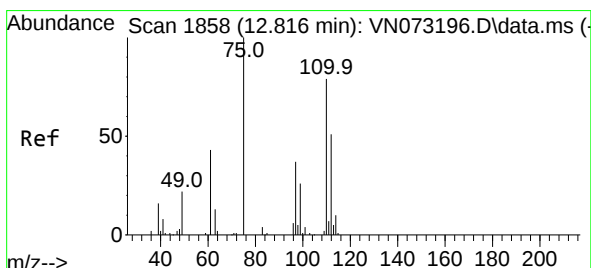
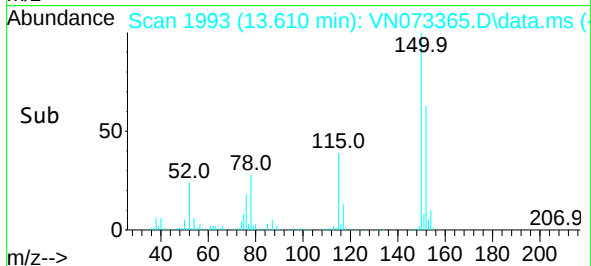
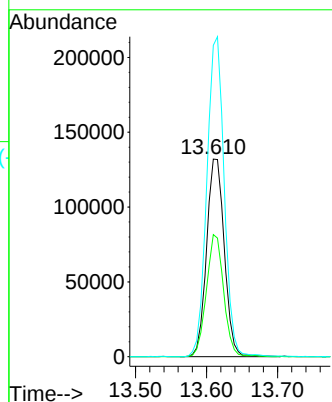
Tgt Ion:152 Resp: 229771

Ion Ratio Lower Upper

152 100

115 60.2 28.9 86.7

150 158.6 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 20.892 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.148 min

Lab File: VN073365.D

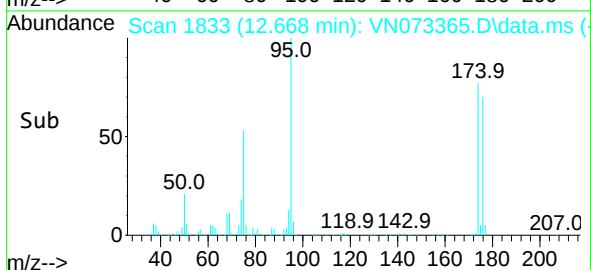
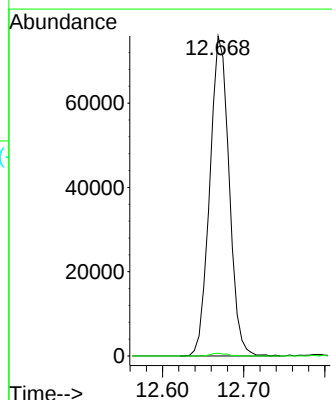
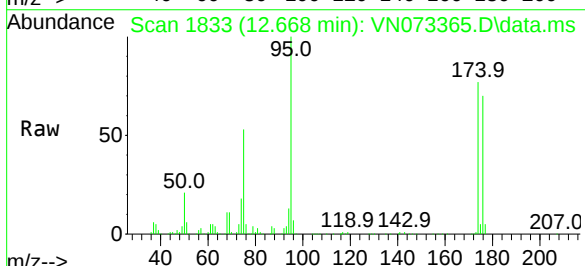
Acq: 07 Jul 2022 12:40

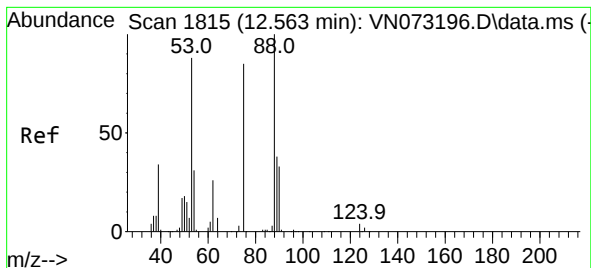
Tgt Ion: 75 Resp: 125520

Ion Ratio Lower Upper

75 100

77 0.7 98.5 295.5#

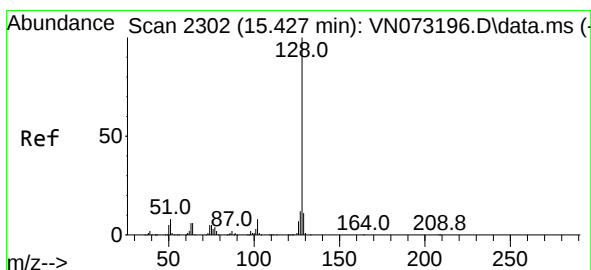
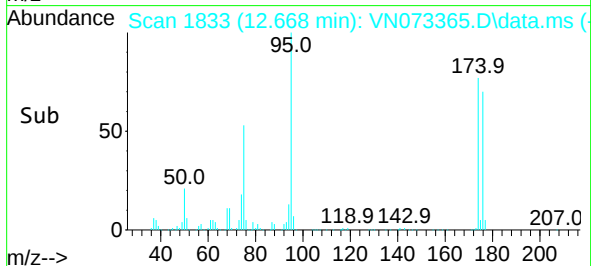
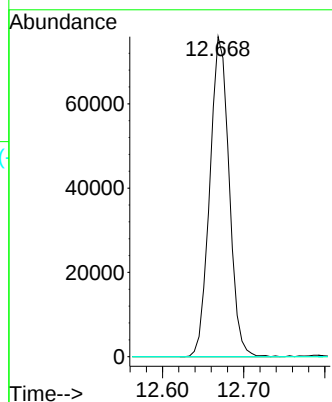
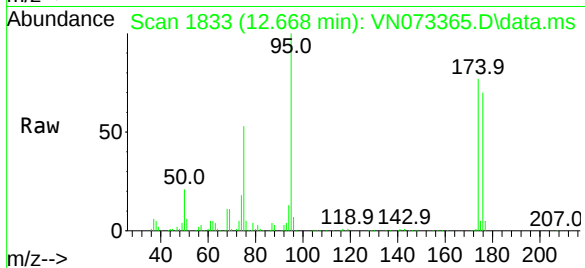




#81
trans-1,4-Dichloro-2-butene
Concen: 57.295 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.105 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

Instrument :
MSVOA_N
ClientSampleId :
OW-01B-64-69-070522-FD

Tgt Ion: 75 Resp: 125520
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.260 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073365.D
Acq: 07 Jul 2022 12:40

Tgt Ion:128 Resp: 4612
Ion Ratio Lower Upper
128 100
127 9.6 10.3 15.5#
129 11.0 8.6 13.0

