

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073206.D
 Acq On : 28 Jun 2022 19:00
 Operator : JC\MD
 Sample : VN0628WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

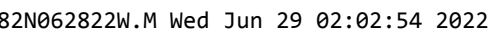
Quant Time: Jun 29 02:02:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

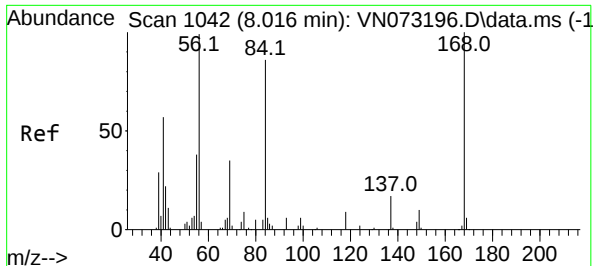
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	317531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	522539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	476794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	241174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	195866	42.729	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.460%		
35) Dibromofluoromethane	7.951	113	167390	48.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.300%		
50) Toluene-d8	10.380	98	543677	44.032	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.060%		
62) 4-Bromofluorobenzene	12.669	95	242261	51.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.120%		
Target Compounds			Qvalue			
5) Bromomethane	2.816	94	477	0.264	ug/l #	56
10) Methyl Iodide	4.363	142	249	3.779	ug/l #	44
16) Acetone	4.263	43	824	0.320	ug/l #	42
31) Cyclohexane	8.016	56	7266	0.968	ug/l #	32
36) 1,1-Dichloropropene	8.016	75	26423	4.939	ug/l #	49
38) Carbon Tetrachloride	8.016	117	33839	6.117	ug/l #	15
59) 2-Hexanone	11.039	43	1530	0.272	ug/l	73
71) Bromoform	12.669	173	1771	0.610	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	125935	19.970	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	125935	54.767	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.192	180	1223	0.265	ug/l	81
95) Naphthalene	15.433	128	7969	0.429	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.615	180	1438	0.303	ug/l	96

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

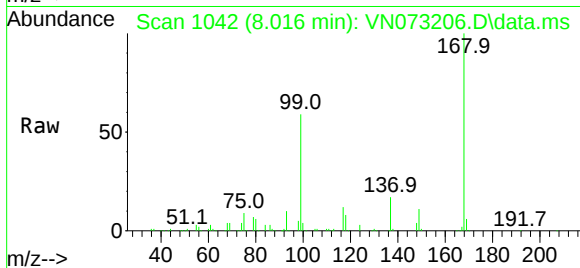
Quant Time: Jun 29 02:02:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration



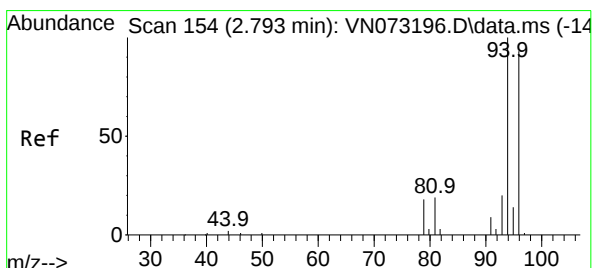
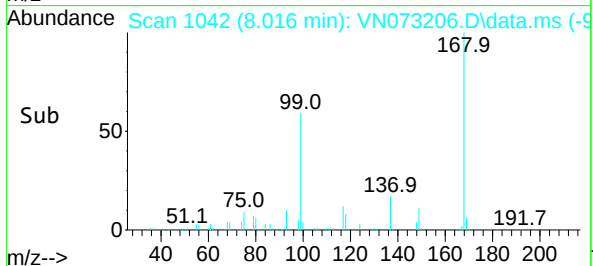
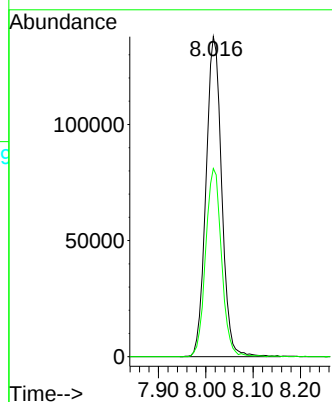


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073206.D
Acq: 28 Jun 2022 19:00

Instrument :
MSVOA_N
ClientSampleId :

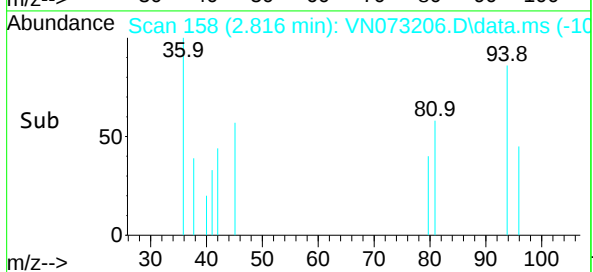
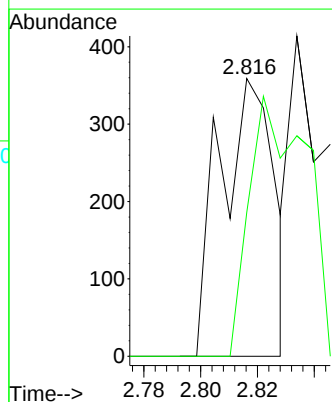
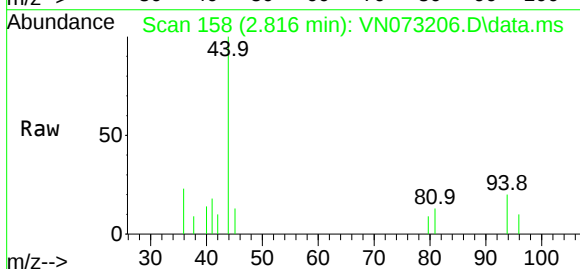


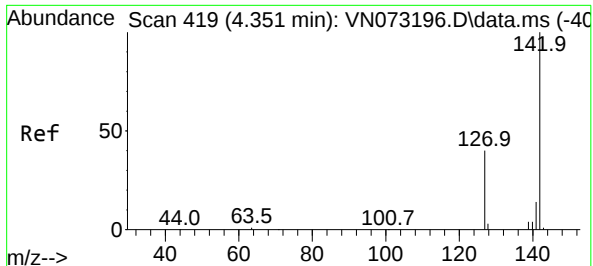
Tgt Ion:168 Resp: 317531
Ion Ratio Lower Upper
168 100
99 58.8 42.3 63.5



#5
Bromomethane
Concen: 0.264 ug/l
RT: 2.816 min Scan# 158
Delta R.T. 0.023 min
Lab File: VN073206.D
Acq: 28 Jun 2022 19:00

Tgt Ion: 94 Resp: 477
Ion Ratio Lower Upper
94 100
96 51.8 76.0 114.0#

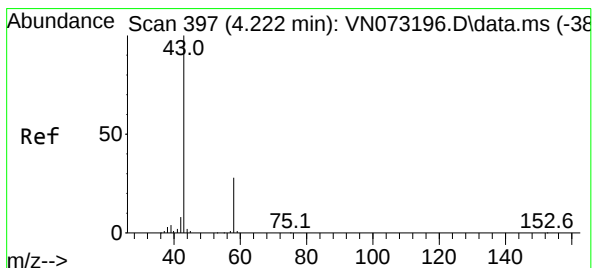
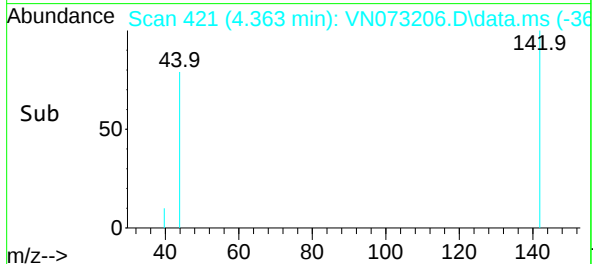
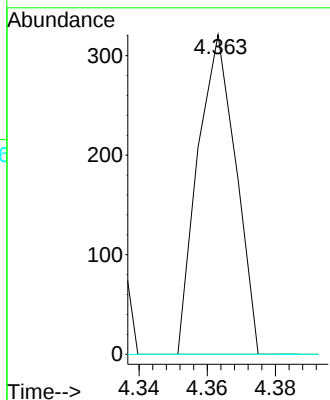
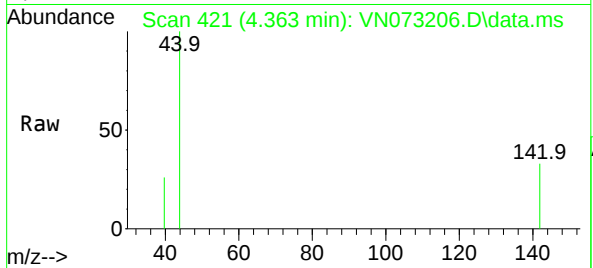




#10
Methyl Iodide
Concen: 3.779 ug/l
RT: 4.363 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN073206.D
Acq: 28 Jun 2022 19:00

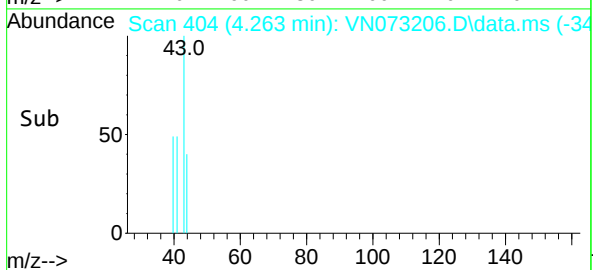
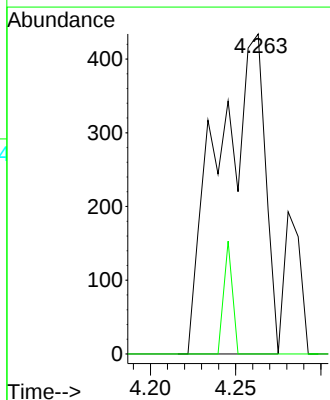
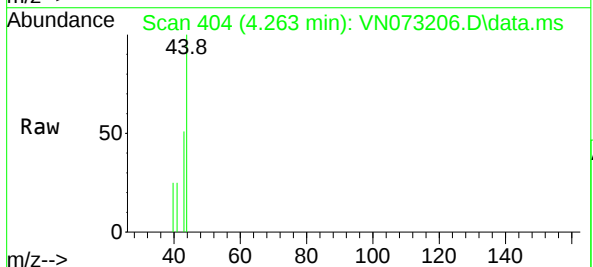
Instrument :
MSVOA_N
ClientSampleId :

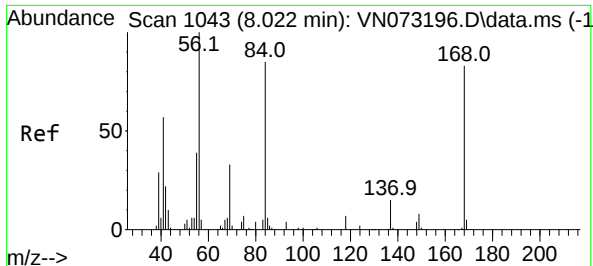
Tgt Ion:142 Resp: 249
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.320 ug/l
RT: 4.263 min Scan# 404
Delta R.T. 0.041 min
Lab File: VN073206.D
Acq: 28 Jun 2022 19:00

Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#31

Cyclohexane

Concen: 0.968 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

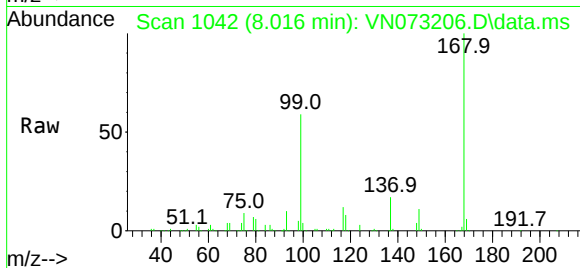
Lab File: VN073206.D

Acq: 28 Jun 2022 19:00

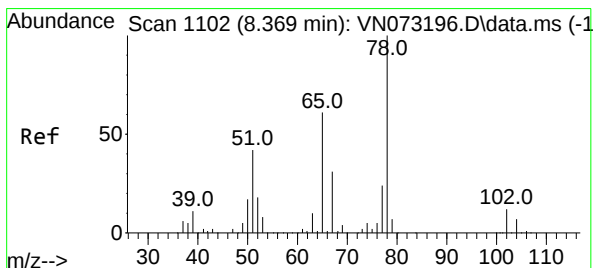
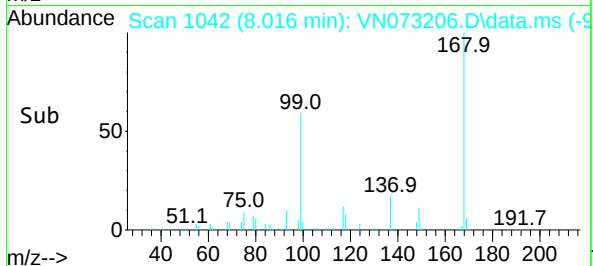
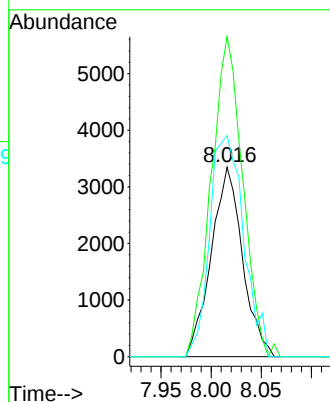
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	7266
Ion Ratio	Lower	Upper	
56	100		
69	160.1	27.8	41.8#
84	110.7	76.9	115.3



#33

1,2-Dichloroethane-d4

Concen: 42.729 ug/l

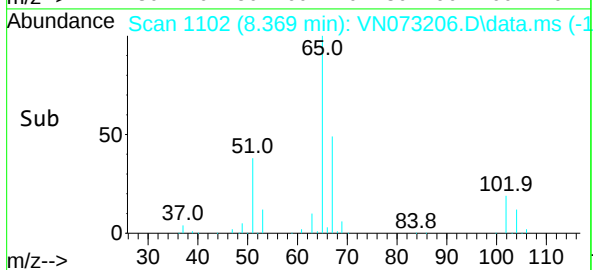
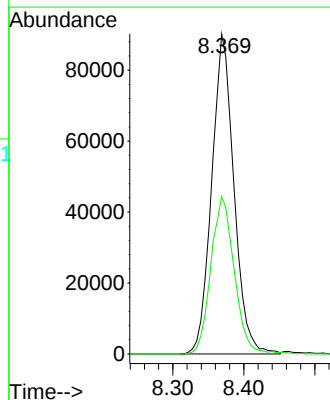
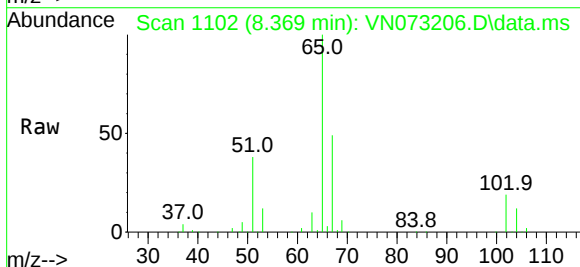
RT: 8.369 min Scan# 1102

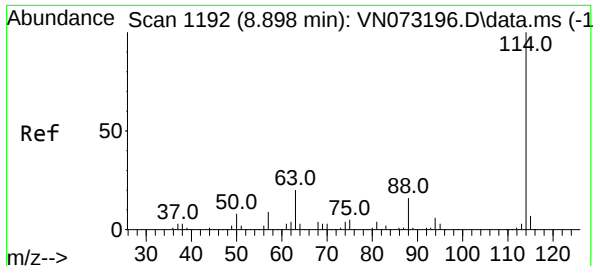
Delta R.T. -0.000 min

Lab File: VN073206.D

Acq: 28 Jun 2022 19:00

Tgt Ion:	65	Resp:	195866
Ion Ratio	Lower	Upper	
65	100		
67	51.7	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: VN073206.D

Acq: 28 Jun 2022 19:00

Instrument :

MSVOA_N

ClientSampleId :

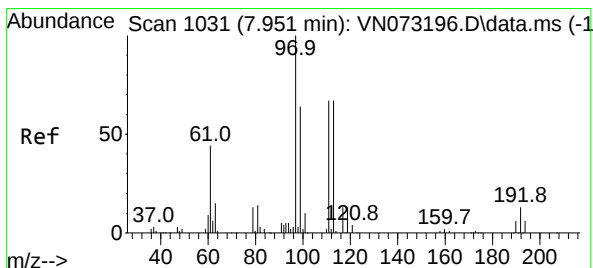
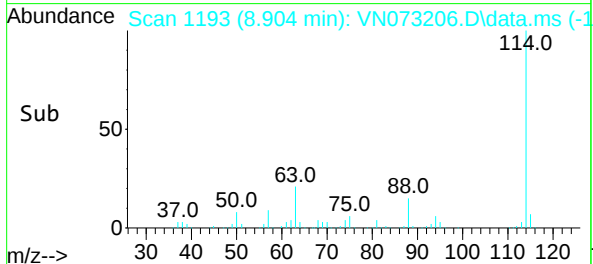
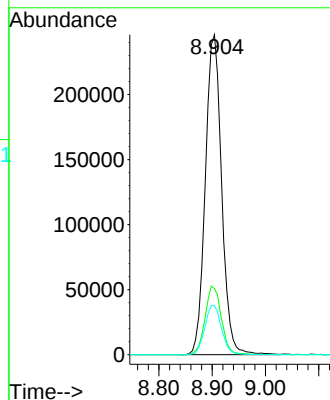
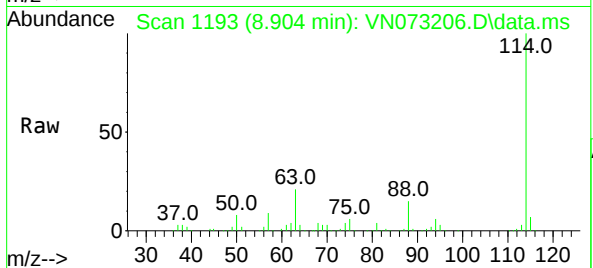
Tgt Ion:114 Resp: 522539

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.149 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073206.D

Acq: 28 Jun 2022 19:00

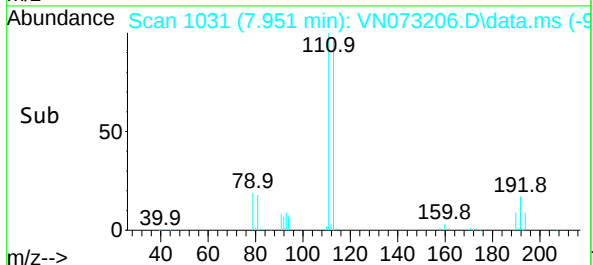
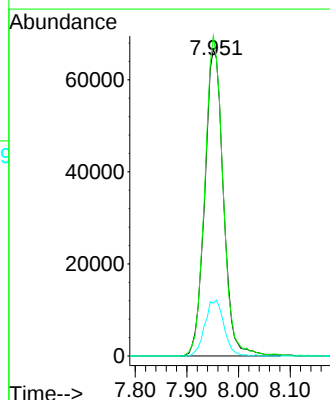
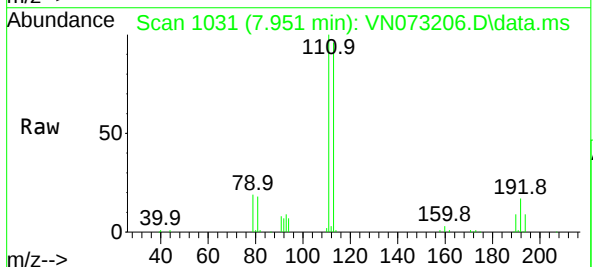
Tgt Ion:113 Resp: 167390

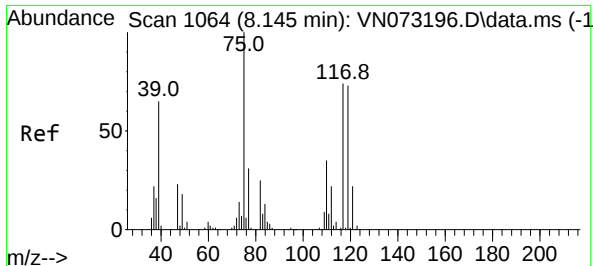
Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 18.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.939 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

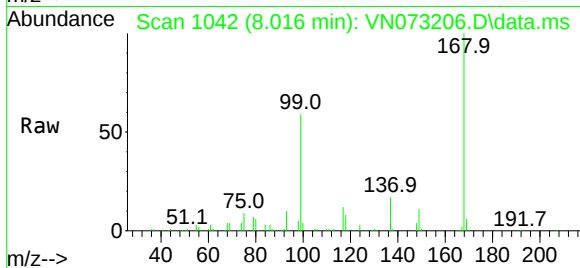
Lab File: VN073206.D

Acq: 28 Jun 2022 19:00

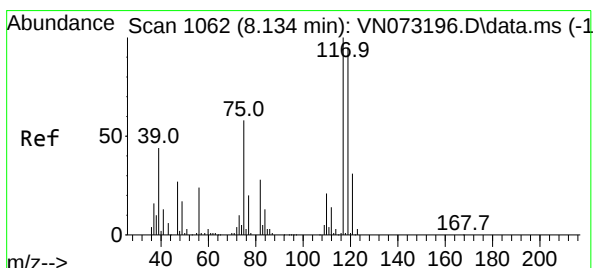
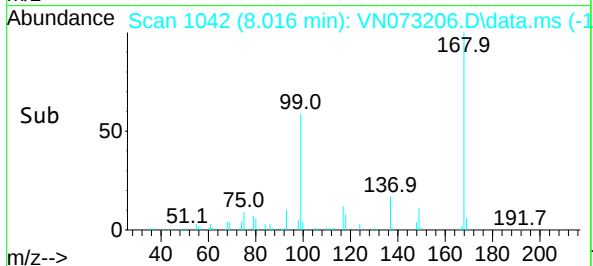
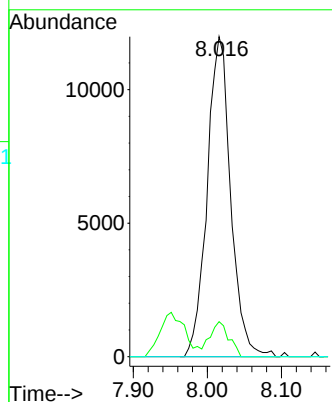
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	26423
Ion Ratio	Lower	Upper	
75	100		
110	8.7	18.3	54.8#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.117 ug/l

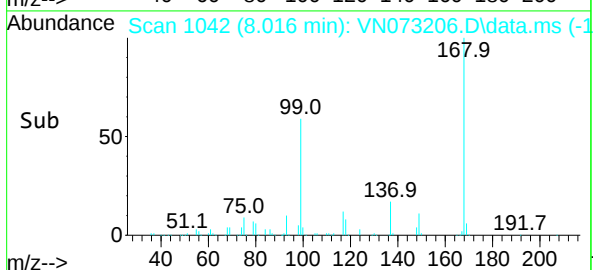
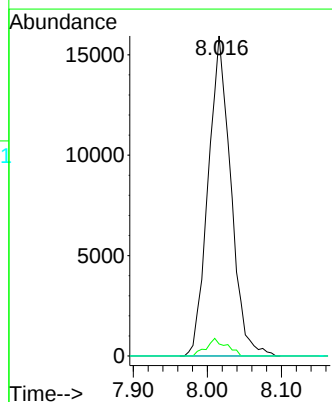
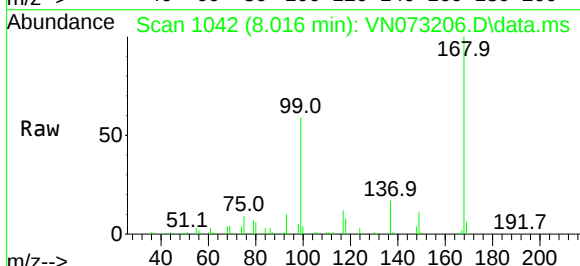
RT: 8.016 min Scan# 1042

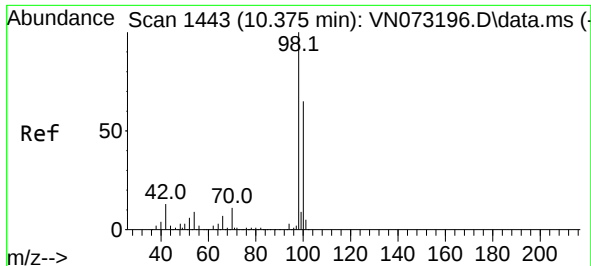
Delta R.T. -0.118 min

Lab File: VN073206.D

Acq: 28 Jun 2022 19:00

Tgt Ion:	117	Resp:	33839
Ion Ratio	Lower	Upper	
117	100		
119	3.8	75.8	113.8#
121	0.0	24.6	37.0#

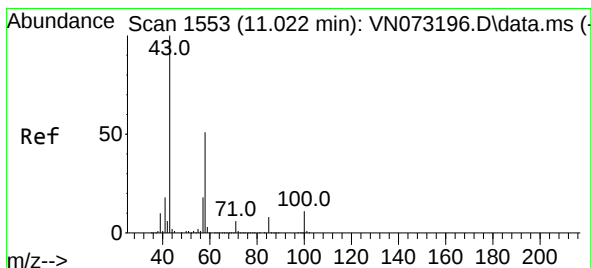
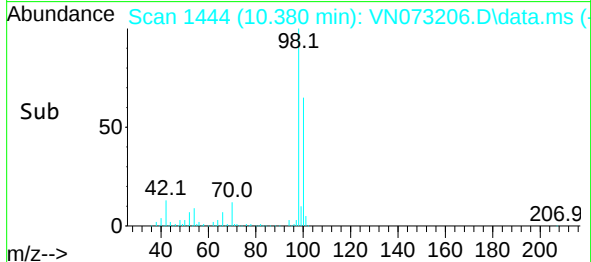
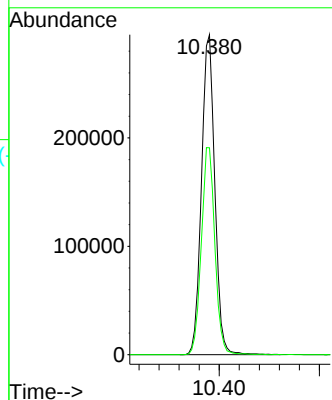
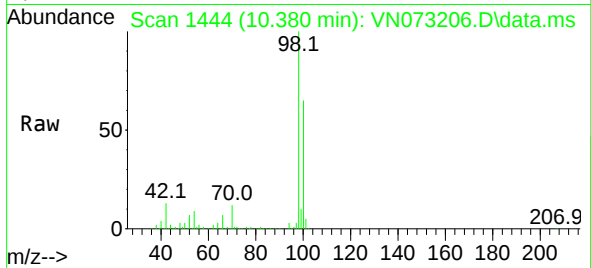




#50
Toluene-d8
Concen: 44.032 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073206.D
Acq: 28 Jun 2022 19:00

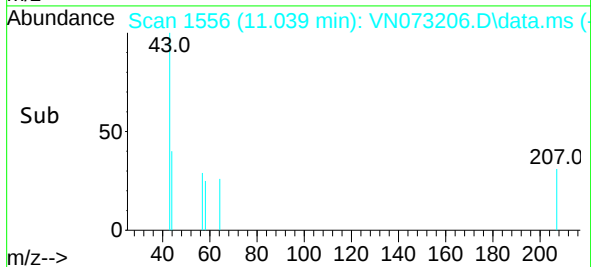
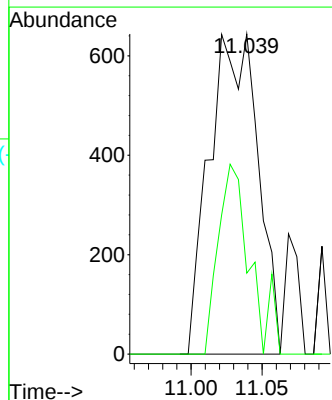
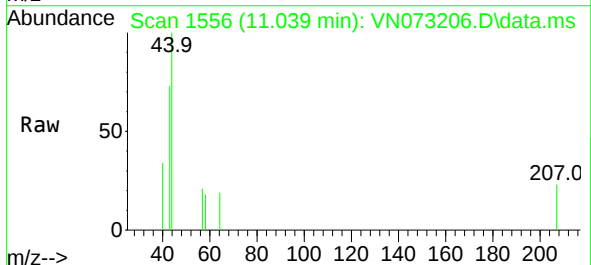
Instrument :
MSVOA_N
ClientSampleId :

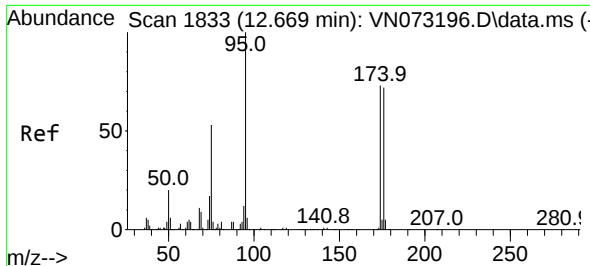
Tgt Ion: 98 Resp: 543677
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#59
2-Hexanone
Concen: 0.272 ug/l
RT: 11.039 min Scan# 1556
Delta R.T. 0.017 min
Lab File: VN073206.D
Acq: 28 Jun 2022 19:00

Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 38.8 29.7 89.1

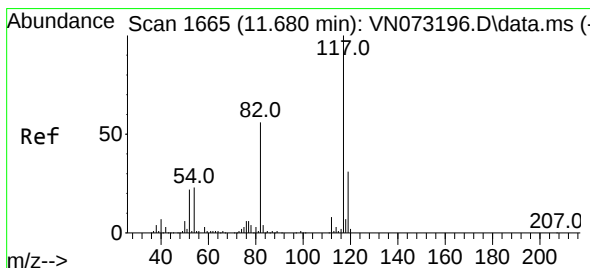
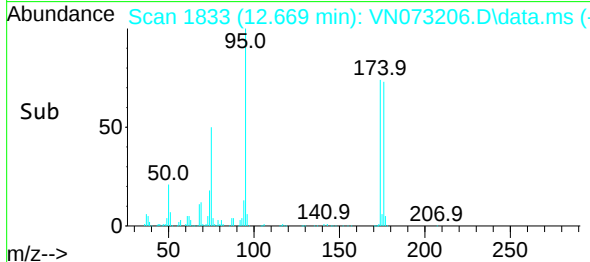
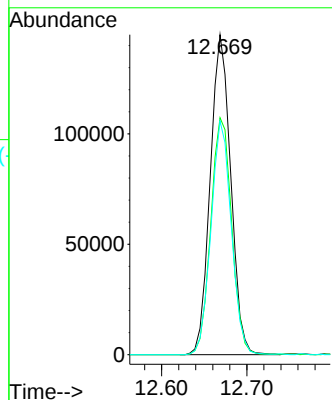
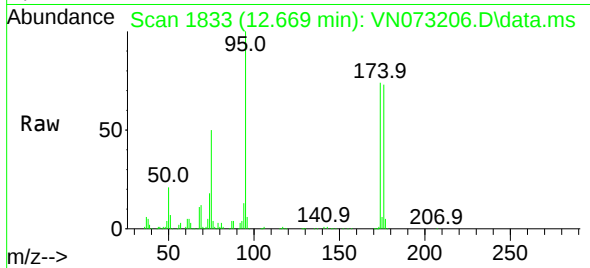




#62
4-Bromofluorobenzene
Concen: 51.055 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073206.D
Acq: 28 Jun 2022 19:00

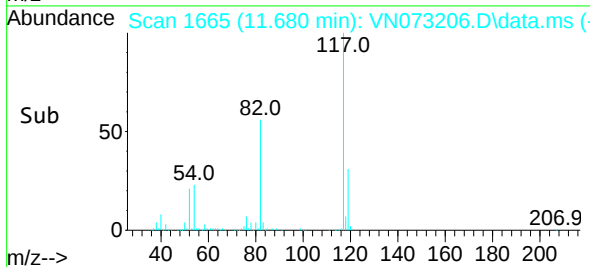
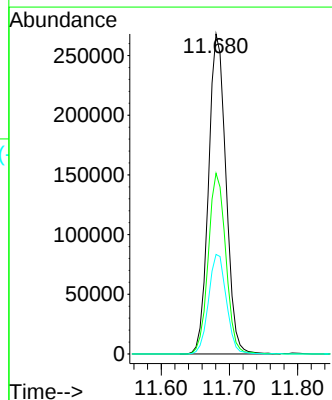
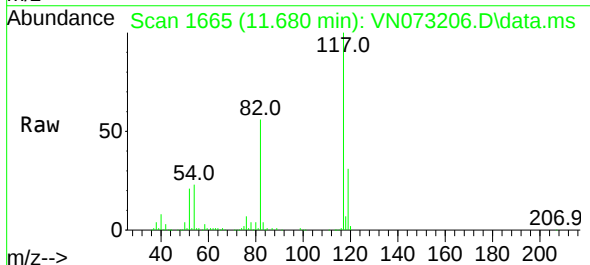
Instrument :
MSVOA_N
ClientSampleId :

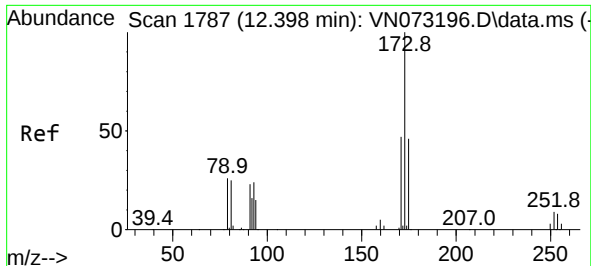
Tgt Ion: 95 Resp: 242261
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 72.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073206.D
Acq: 28 Jun 2022 19:00

Tgt Ion: 117 Resp: 476794
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 31.1 25.4 38.0

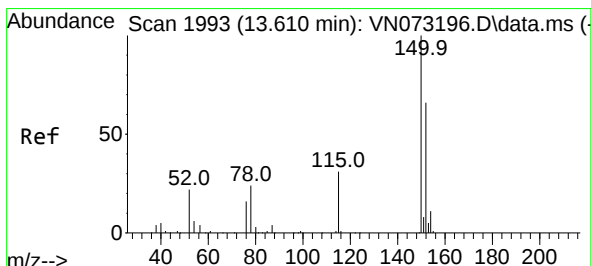
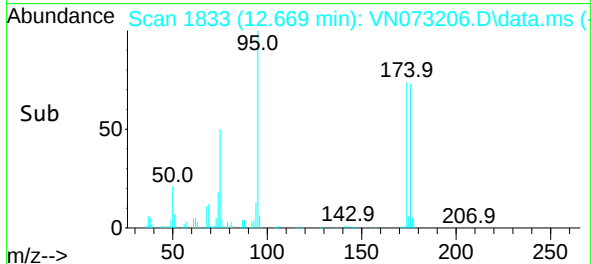
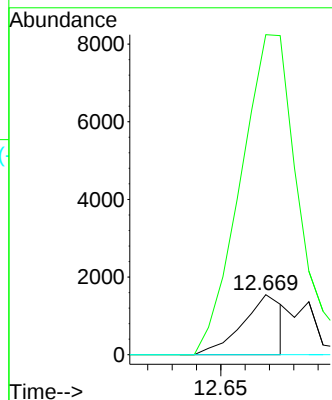
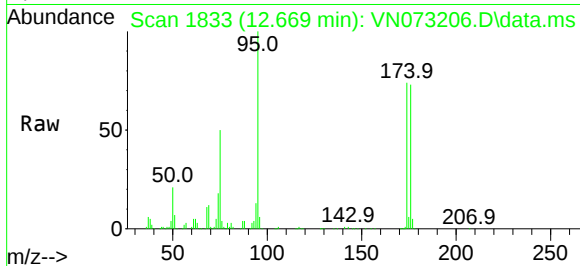




#71
Bromoform
Concen: 0.610 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073206.D
Acq: 28 Jun 2022 19:00

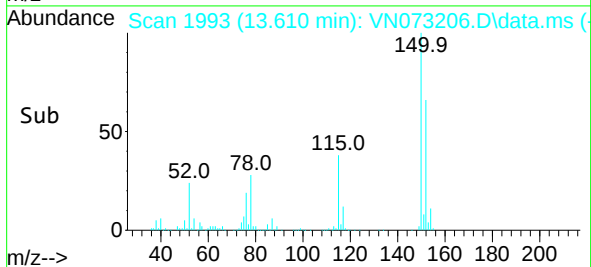
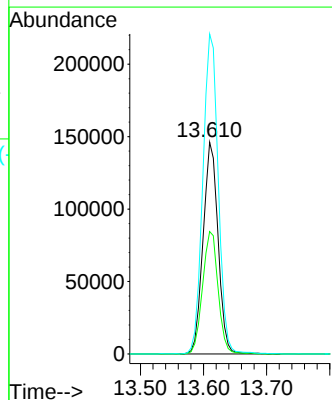
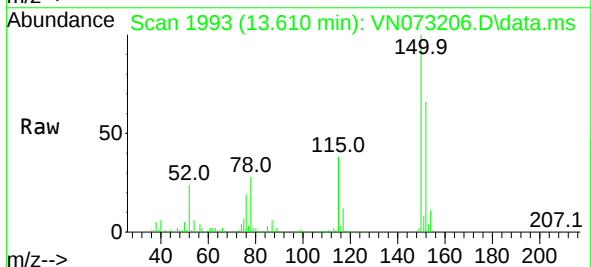
Instrument :
MSVOA_N
ClientSampleId :

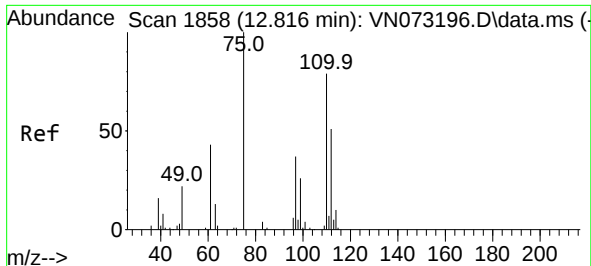
Tgt Ion:173 Resp: 1771
Ion Ratio Lower Upper
173 100
175 587.1 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073206.D
Acq: 28 Jun 2022 19:00

Tgt Ion:152 Resp: 241174
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 155.2 0.0 356.2

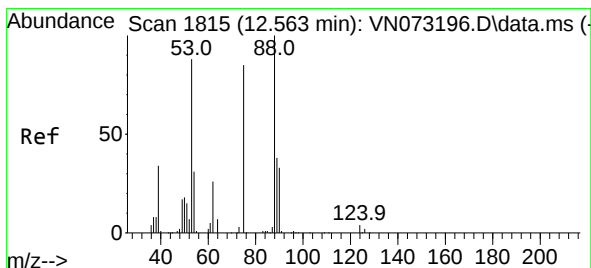
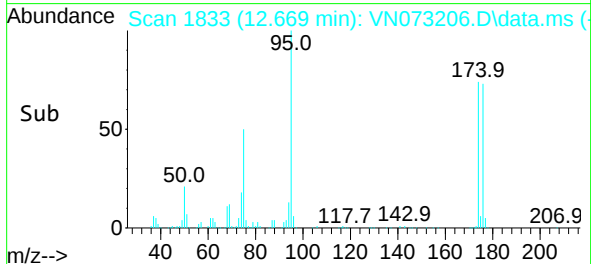
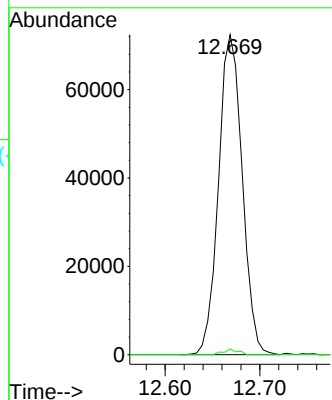
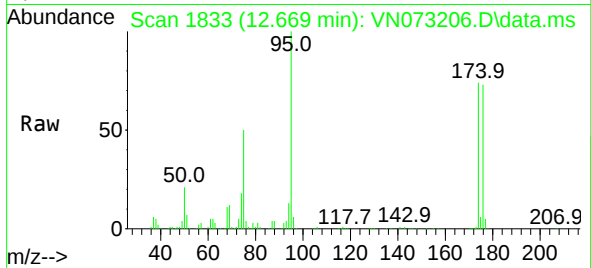




#76
1,2,3-Trichloropropane
Concen: 19.970 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073206.D
Acq: 28 Jun 2022 19:00

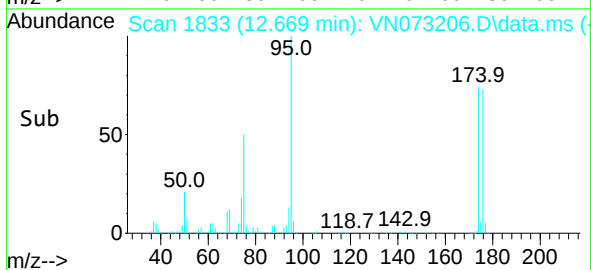
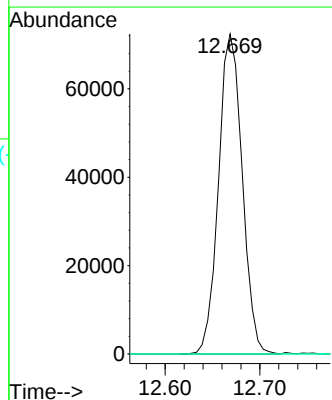
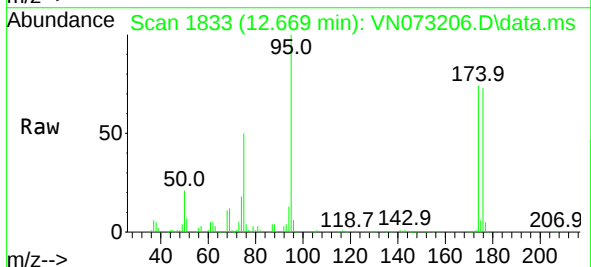
Instrument :
MSVOA_N
ClientSampleId :

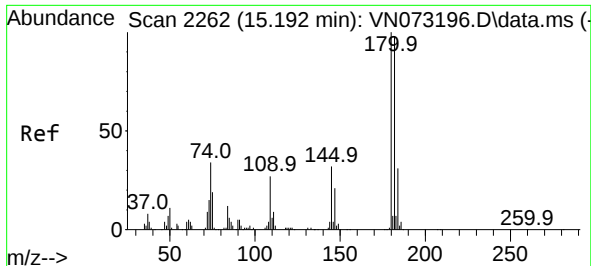
Tgt Ion: 75 Resp: 125935
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.767 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073206.D
Acq: 28 Jun 2022 19:00

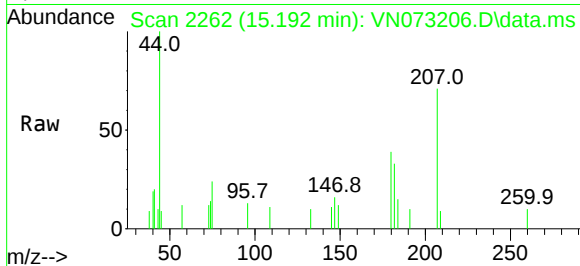
Tgt Ion: 75 Resp: 125935
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



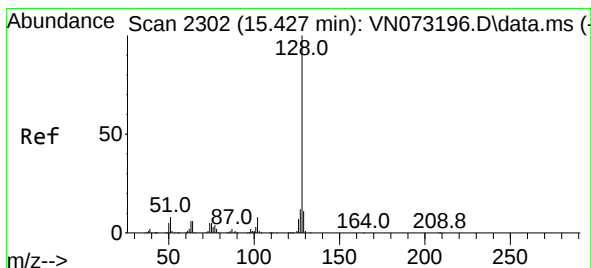
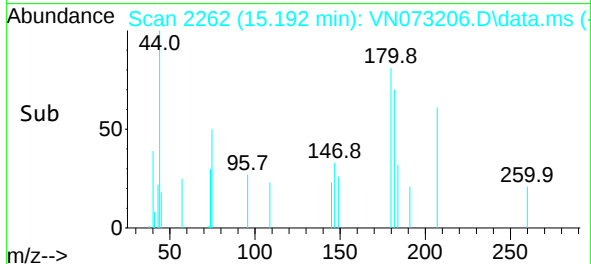
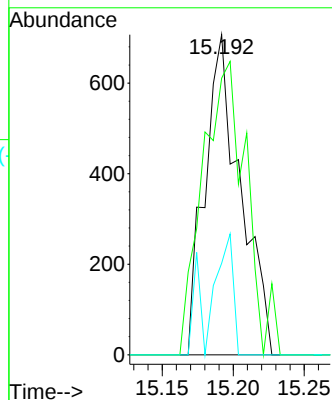


#93
 1,2,4-Trichlorobenzene
 Concen: 0.265 ug/l
 RT: 15.192 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN073206.D
 Acq: 28 Jun 2022 19:00

Instrument :
 MSVOA_N
 ClientSampleId :

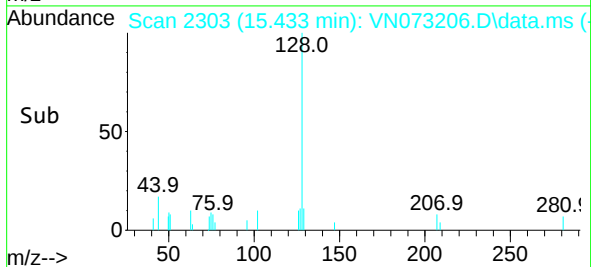
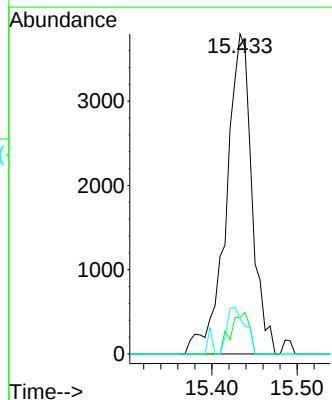
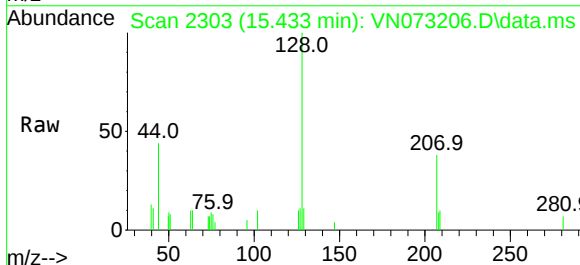


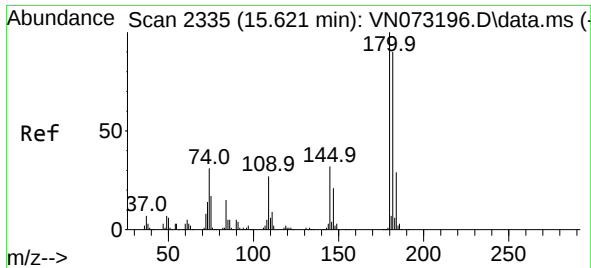
Tgt Ion:	180	Resp:	1223
Ion Ratio	Lower	Upper	
180	100		
182	112.5	47.5	142.5
145	17.9	14.5	43.5



#95
 Naphthalene
 Concen: 0.429 ug/l
 RT: 15.433 min Scan# 2303
 Delta R.T. 0.006 min
 Lab File: VN073206.D
 Acq: 28 Jun 2022 19:00

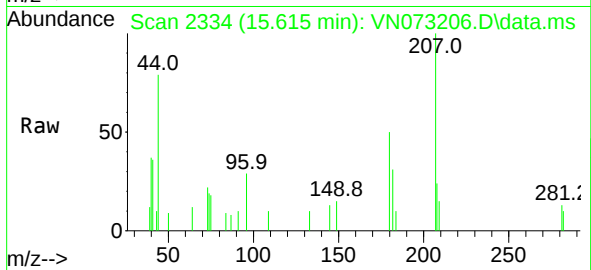
Tgt Ion:	128	Resp:	7969
Ion Ratio	Lower	Upper	
128	100		
127	9.4	10.3	15.5#
129	10.4	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.303 ug/l
 RT: 15.615 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN073206.D
 Acq: 28 Jun 2022 19:00

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1438
Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.8	143.3
145	35.1	15.5	46.5

