

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030222\
 Data File : VN071136.D
 Acq On : 02 Mar 2022 12:08
 Operator : JC\MD
 Sample : VN0302WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 03 03:37:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

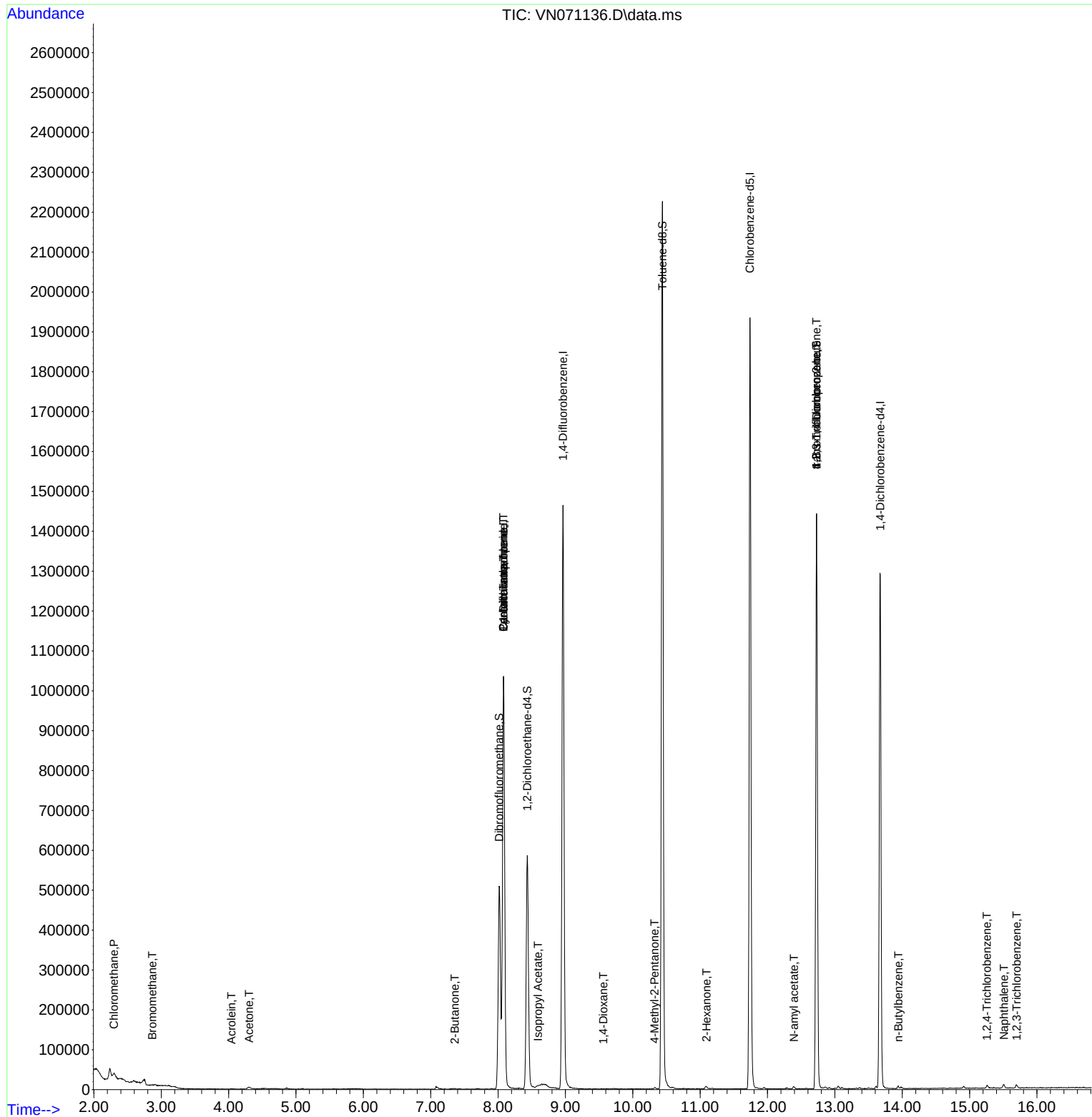
Internal Standards							
1) Pentafluorobenzene		8.081	168	812074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.963	114	1292575	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.739	117	1131146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.674	152	375322	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.434	65	492386	53.079	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.160%	
35) Dibromofluoromethane		8.016	113	379976	49.423	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.840%	
50) Toluene-d8		10.439	98	1557904	50.458	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.920%	
62) 4-Bromofluorobenzene		12.727	95	517003	46.846	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.700%	
Target Compounds							
						Qvalue	
3) Chloromethane		2.299	50	3173	0.299	ug/l	92
5) Bromomethane		2.869	94	1895	0.314	ug/l	82
13) Acrolein		4.040	56	701	0.464	ug/l #	52
16) Acetone		4.304	43	4917	0.962	ug/l	94
18) Methyl Acetate		4.863	43	3475	Below Cal	#	81
25) 2-Butanone		7.357	43	3505	0.516	ug/l	98
31) Cyclohexane		8.081	56	16815	1.048	ug/l #	15
36) 1,1-Dichloropropene		8.081	75	61300	4.867	ug/l #	49
38) Carbon Tetrachloride		8.081	117	79103	6.374	ug/l #	16
43) Isopropyl Acetate		8.592	43	5982	0.281	ug/l #	55
49) 1,4-Dioxane		9.563	88	70	0.391	ug/l #	1
51) 4-Methyl-2-Pentanone		10.322	43	2934	0.226	ug/l	98
59) 2-Hexanone		11.092	43	7137	0.801	ug/l	85
74) N-amyl acetate		12.392	43	4017	0.416	ug/l #	88
76) 1,2,3-Trichloropropane		12.727	75	260002	29.422	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.727	75	260002	95.341	ug/l #	5
89) n-Butylbenzene		13.945	91	4183	0.204	ug/l	95
93) 1,2,4-Trichlorobenzene		15.257	180	2941	2.407	ug/l	82
95) Naphthalene		15.510	128	9633	5.506	ug/l	98
96) 1,2,3-Trichlorobenzene		15.698	180	3555	3.046	ug/l	95

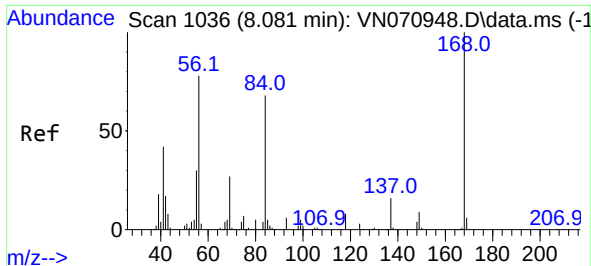
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030222\
Data File : VN071136.D
Acq On : 02 Mar 2022 12:08
Operator : JC\MD
Sample : VN0302WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 03 03:37:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

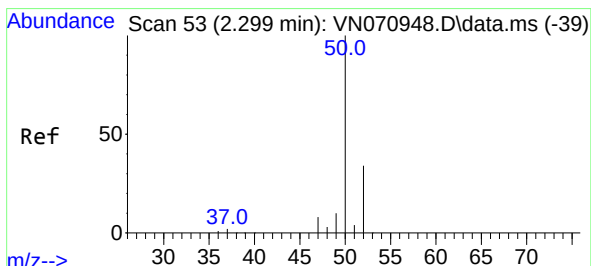
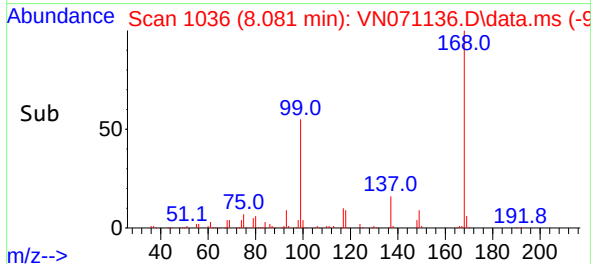
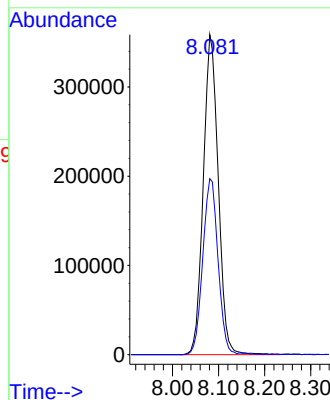
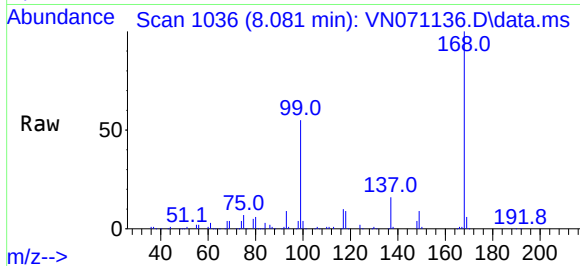




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

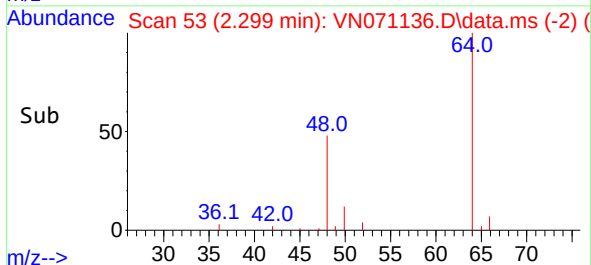
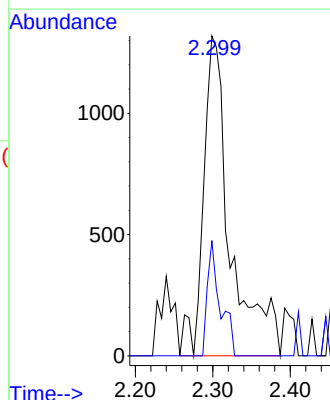
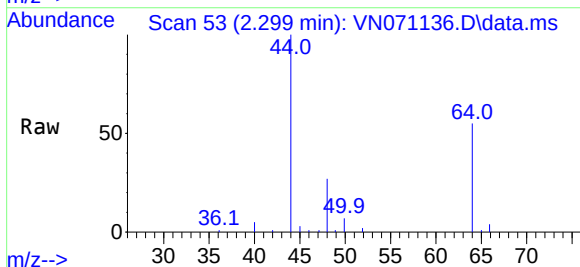
Instrument :
MSVOA_N
ClientSampleId :

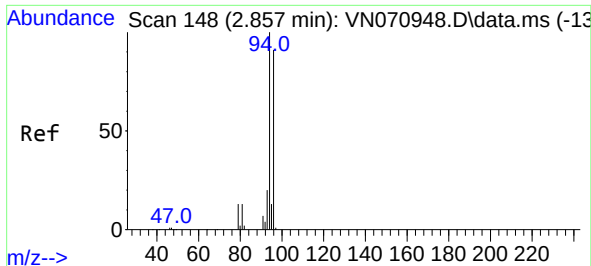
Tgt Ion:168 Resp: 812074
Ion Ratio Lower Upper
168 100
99 55.0 41.3 61.9



#3
Chloromethane
Concen: 0.299 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Tgt Ion: 50 Resp: 3173
Ion Ratio Lower Upper
50 100
52 36.0 25.4 38.0

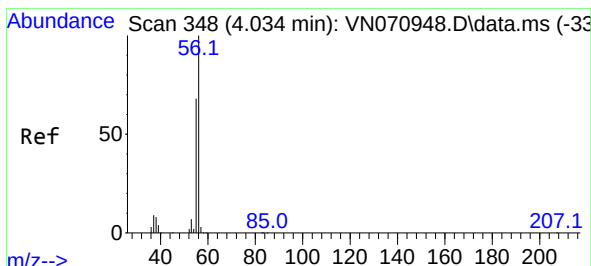
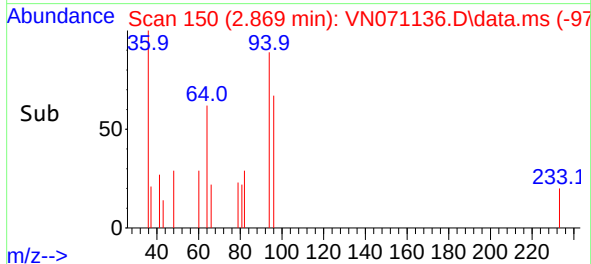
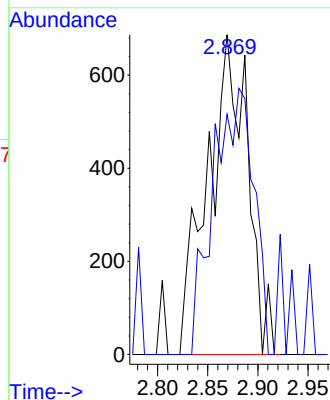
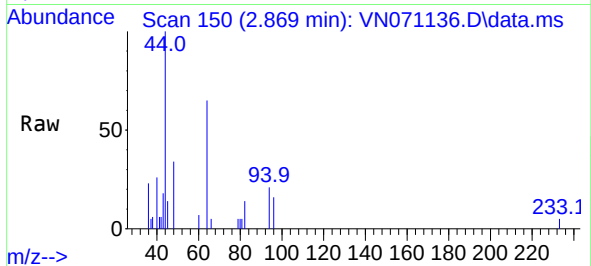




#5
Bromomethane
Concen: 0.314 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

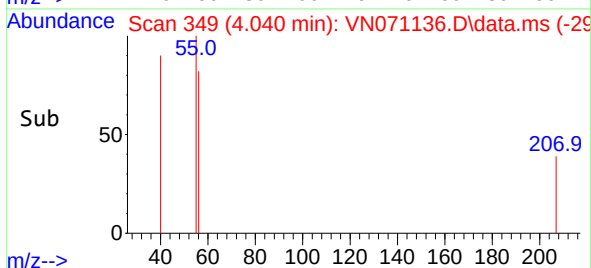
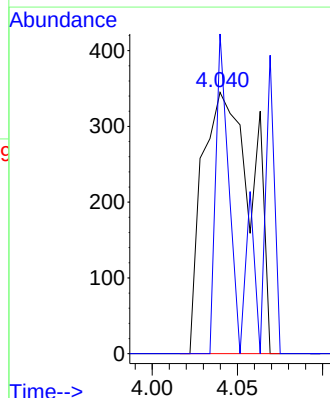
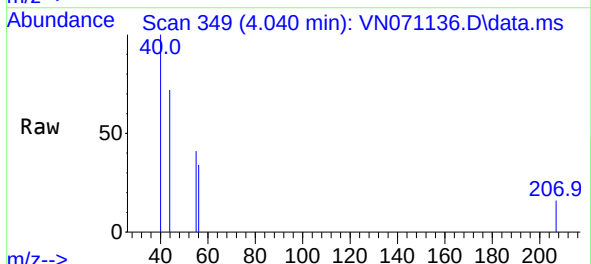
Instrument :
MSVOA_N
ClientSampleId :

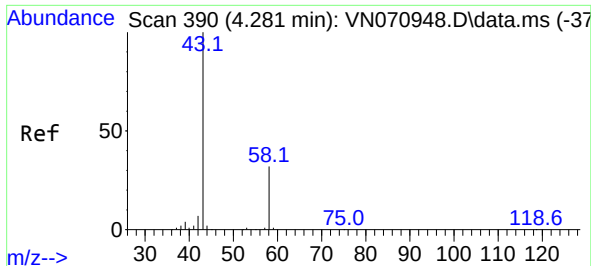
Tgt Ion: 94 Resp: 1895
Ion Ratio Lower Upper
94 100
96 75.1 73.8 110.8



#13
Acrolein
Concen: 0.464 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Tgt Ion: 56 Resp: 701
Ion Ratio Lower Upper
56 100
55 31.2 56.6 85.0#

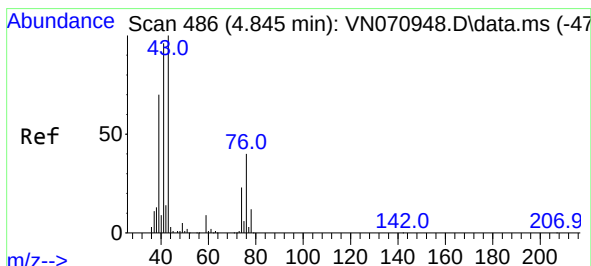
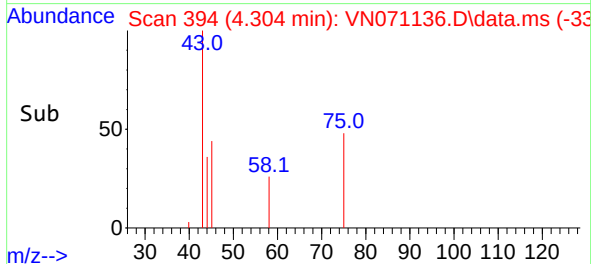
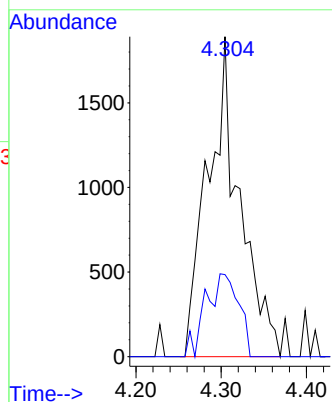
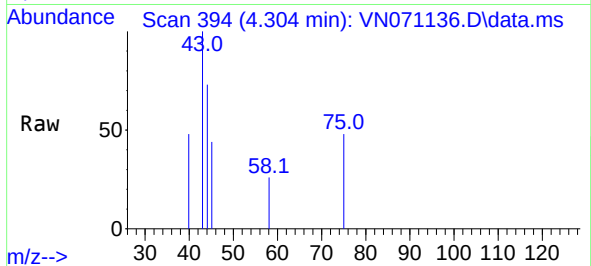




#16
Acetone
Concen: 0.962 ug/l
RT: 4.304 min Scan# 391
Delta R.T. 0.024 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

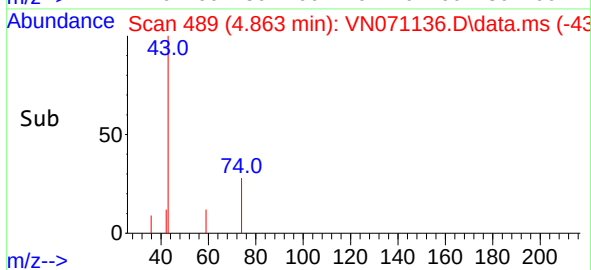
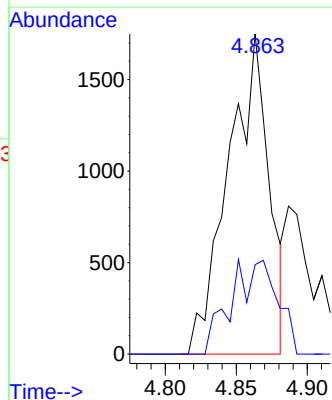
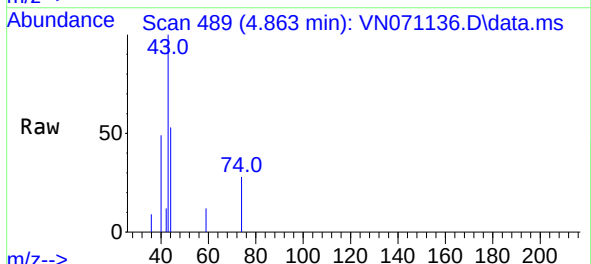
Instrument :
MSVOA_N
ClientSampleId :

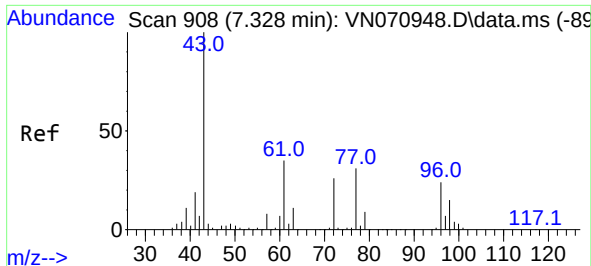
Tgt Ion: 43 Resp: 4917
Ion Ratio Lower Upper
43 100
58 25.6 23.1 34.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.018 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Tgt Ion: 43 Resp: 3475
Ion Ratio Lower Upper
43 100
74 33.6 19.4 29.2#

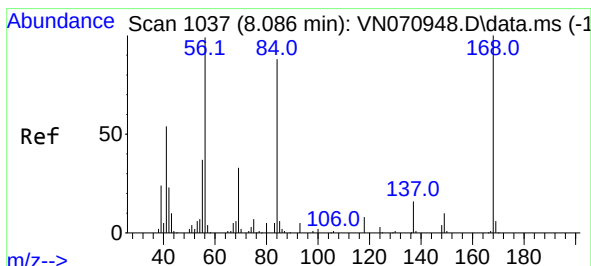
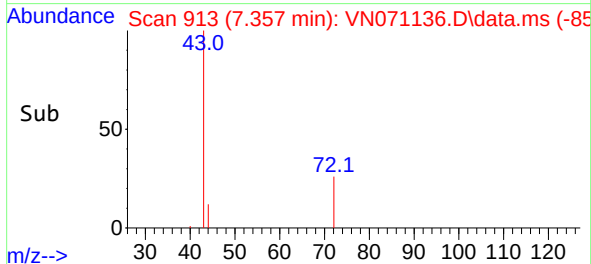
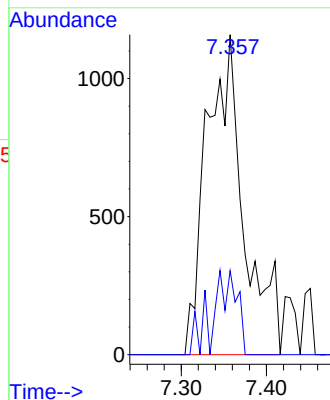
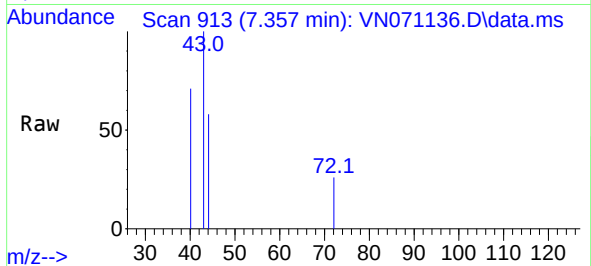




#25
2-Butanone
Concen: 0.516 ug/l
RT: 7.357 min Scan# 91
Delta R.T. 0.030 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

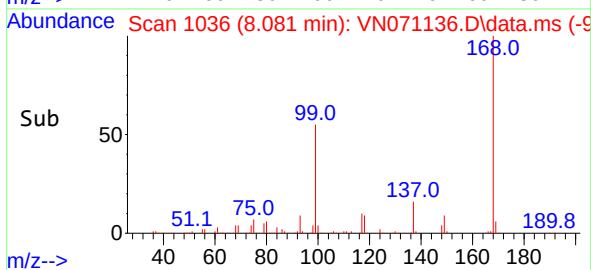
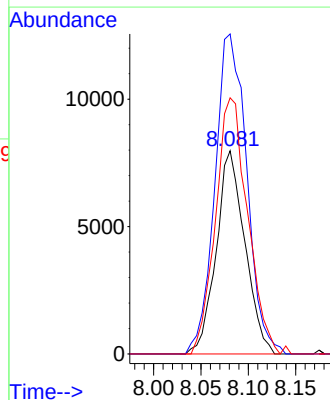
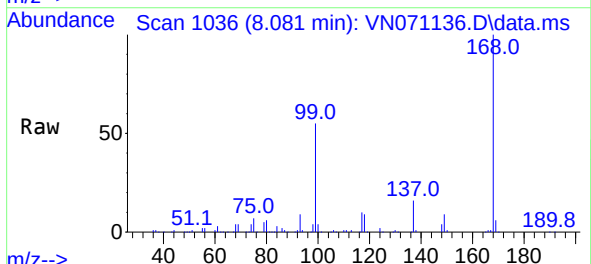
Instrument :
MSVOA_N
ClientSampleId :

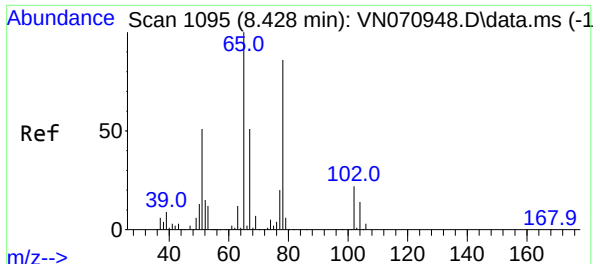
Tgt Ion: 43 Resp: 3505
Ion Ratio Lower Upper
43 100
72 26.2 21.7 32.5



#31
Cyclohexane
Concen: 1.048 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Tgt Ion: 56 Resp: 16815
Ion Ratio Lower Upper
56 100
69 157.4 27.1 40.7#
84 126.0 73.4 110.0#

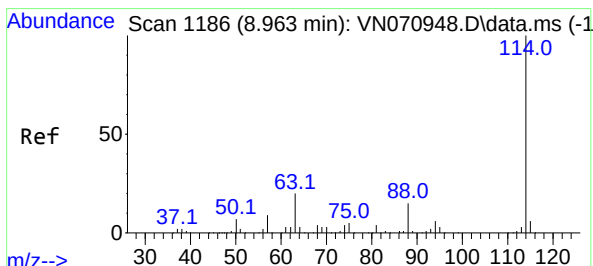
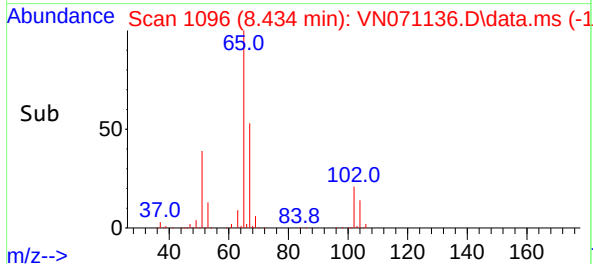
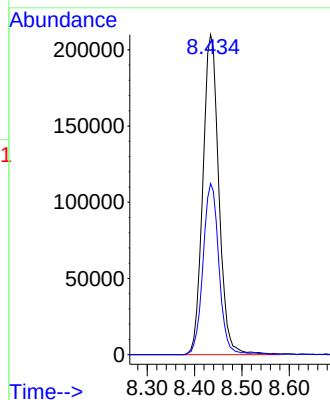
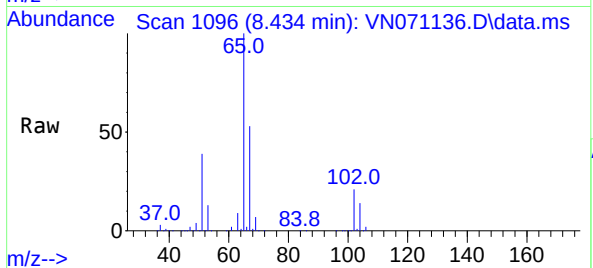




#33
1,2-Dichloroethane-d4
Concen: 53.079 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

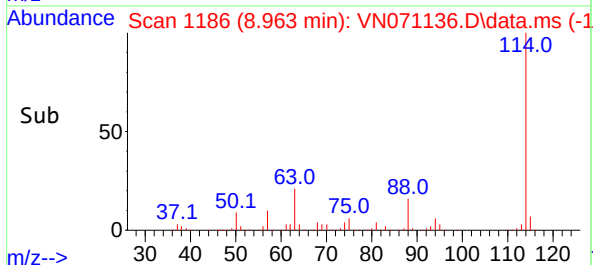
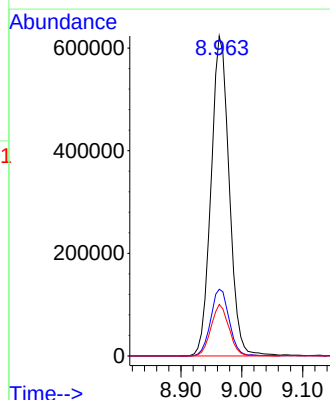
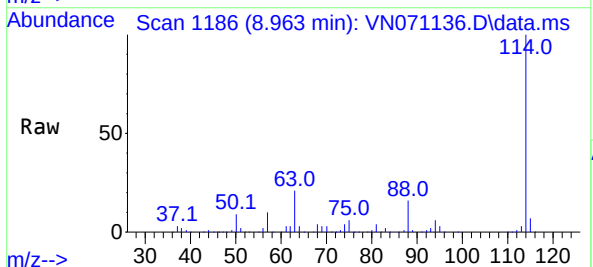
Instrument :
MSVOA_N
ClientSampleId :

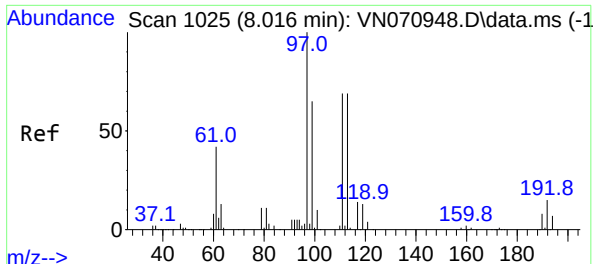
Tgt Ion: 65 Resp: 492386
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

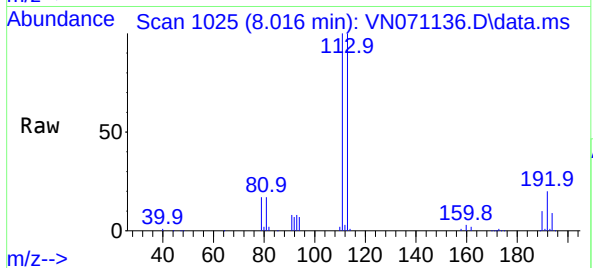
Tgt Ion:114 Resp: 1292575
Ion Ratio Lower Upper
114 100
63 20.8 0.0 37.8
88 16.1 0.0 27.4



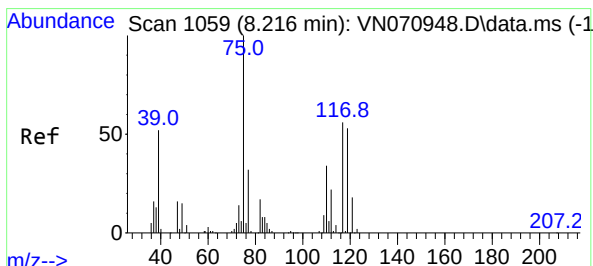
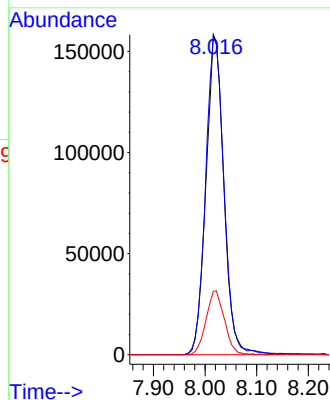
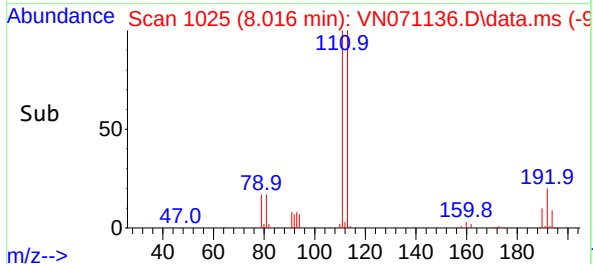


#35
Dibromofluoromethane
Concen: 49.423 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

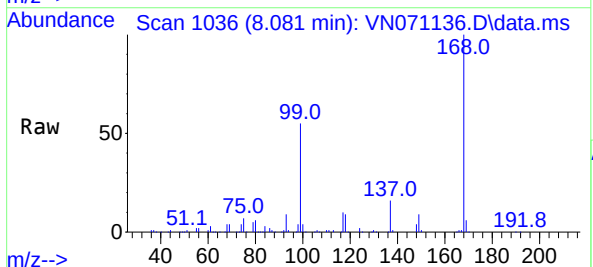
Instrument :
MSVOA_N
ClientSampleId :



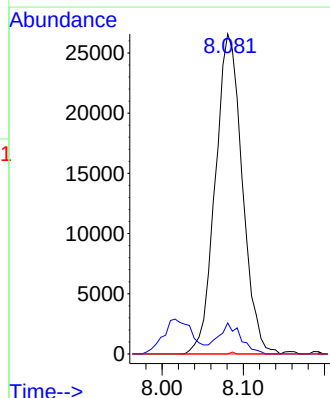
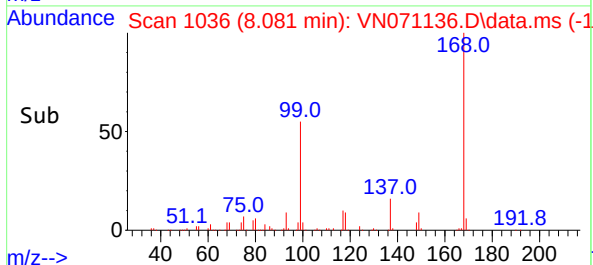
Tgt Ion:113 Resp: 379976
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 20.6 16.9 25.3

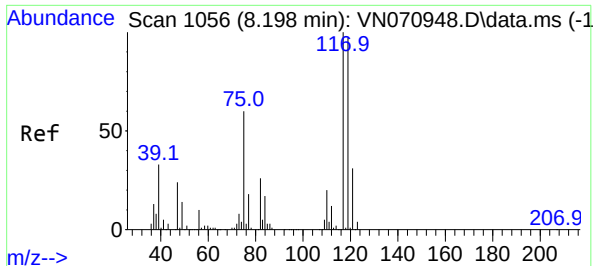


#36
1,1-Dichloropropene
Concen: 4.867 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08



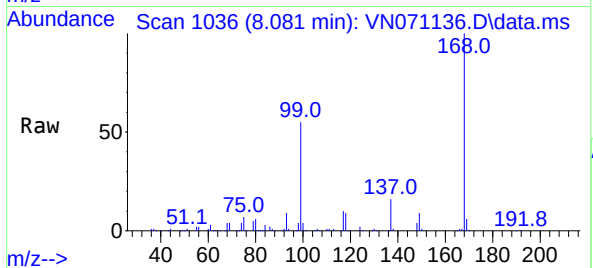
Tgt Ion: 75 Resp: 61300
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.1 24.4 36.6#



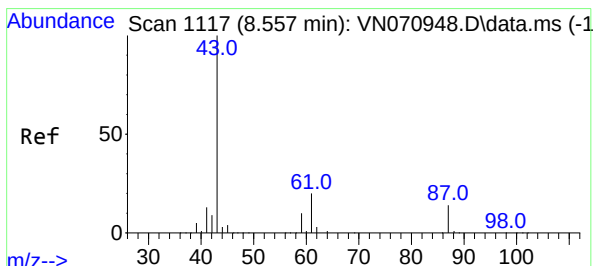
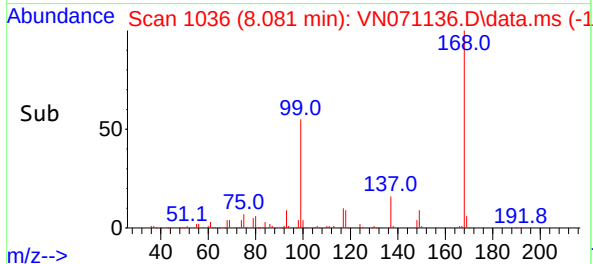
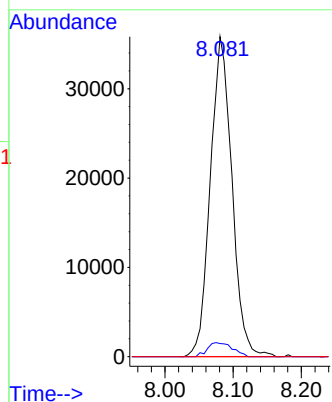


#38
Carbon Tetrachloride
Concen: 6.374 ug/l
RT: 8.081 min Scan# 1103
Delta R.T. -0.118 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :

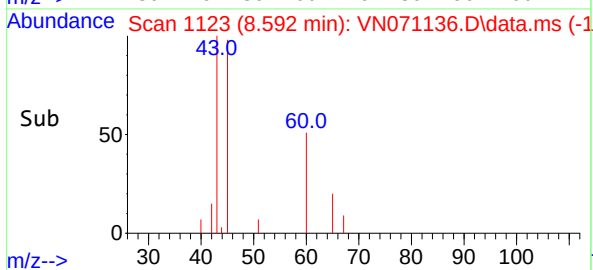
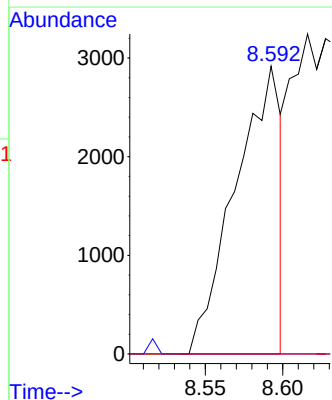
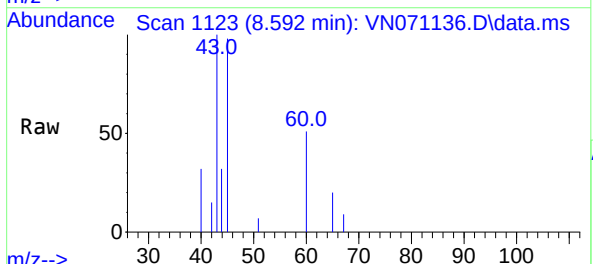


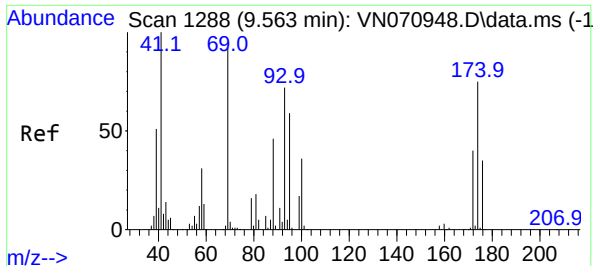
Tgt Ion:117 Resp: 79103
Ion Ratio Lower Upper
117 100
119 4.1 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.281 ug/l
RT: 8.592 min Scan# 1123
Delta R.T. 0.035 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

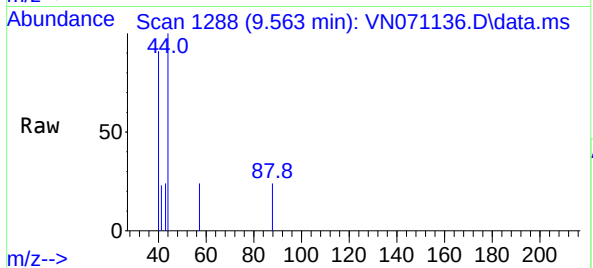
Tgt Ion: 43 Resp: 5982
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



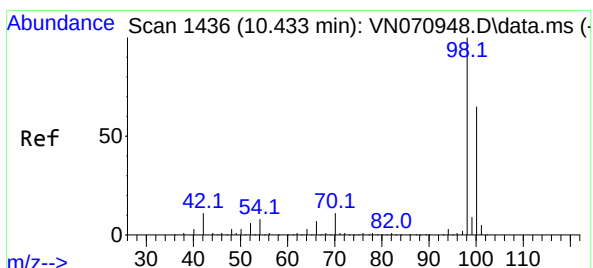
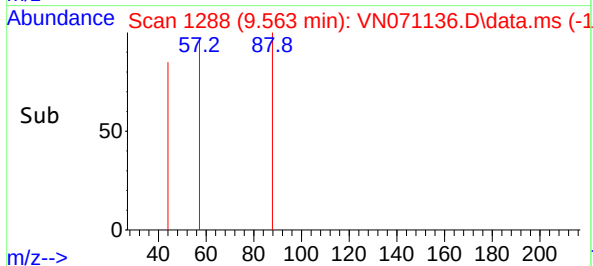
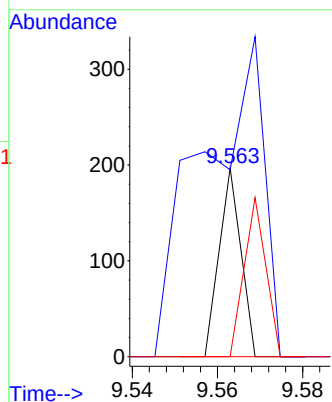


#49
1,4-Dioxane
Concen: 0.391 ug/l
RT: 9.563 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :

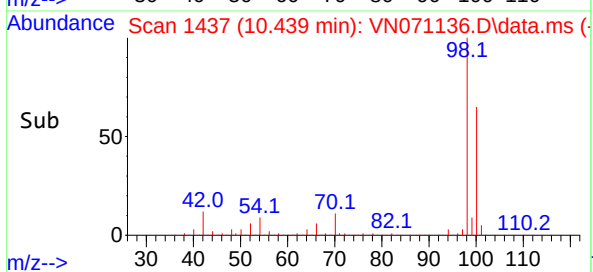
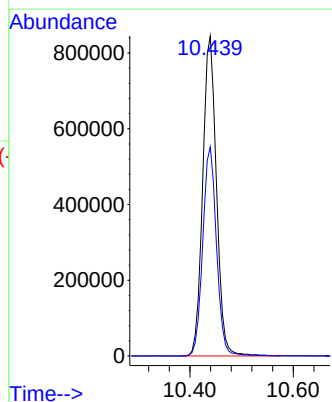
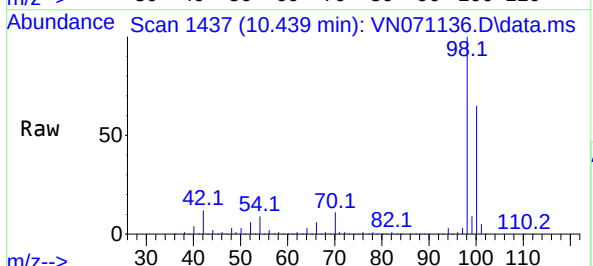


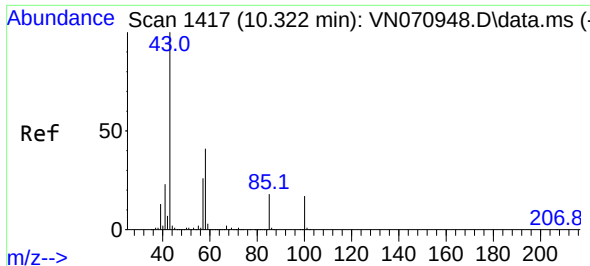
Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 478.6 23.4 35.2#
58 84.3 50.6 75.8#



#50
Toluene-d8
Concen: 50.458 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Tgt Ion: 98 Resp: 1557904
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6

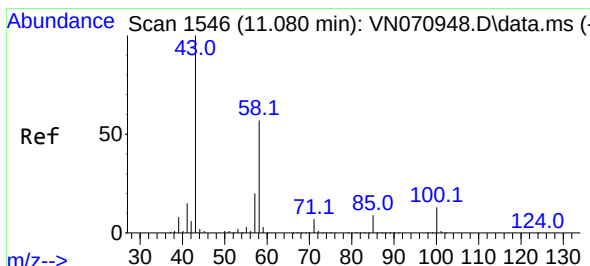
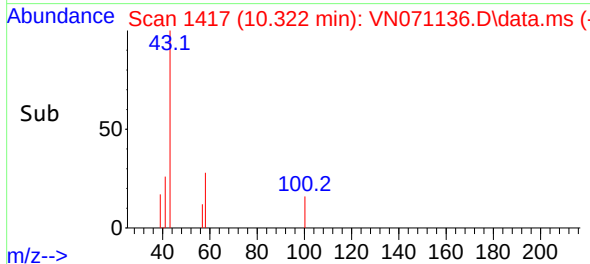
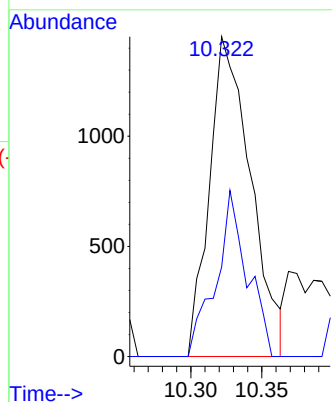
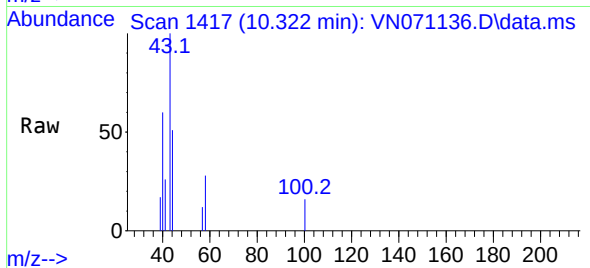




#51
4-Methyl-2-Pentanone
Concen: 0.226 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

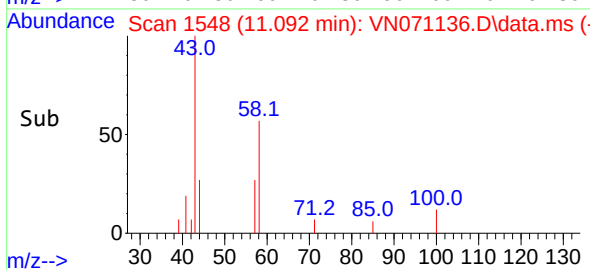
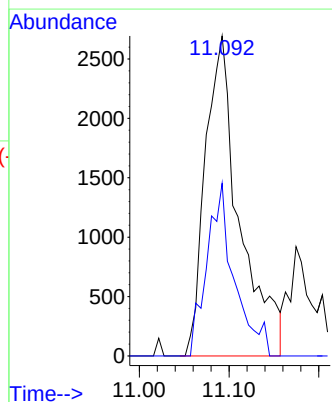
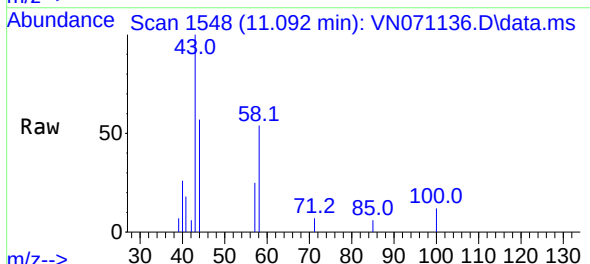
Instrument :
MSVOA_N
ClientSampleId :

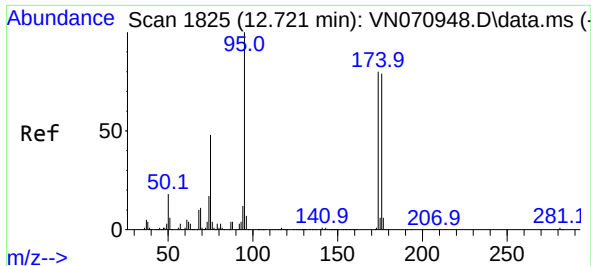
Tgt Ion: 43 Resp: 2934
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6



#59
2-Hexanone
Concen: 0.801 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.012 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Tgt Ion: 43 Resp: 7137
Ion Ratio Lower Upper
43 100
58 43.0 26.9 80.7

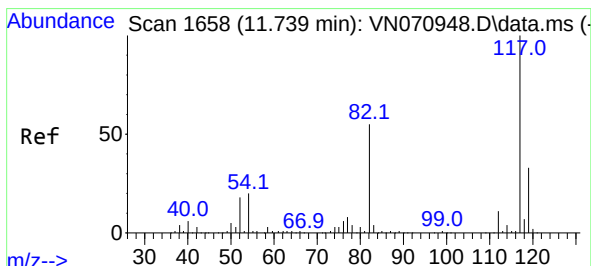
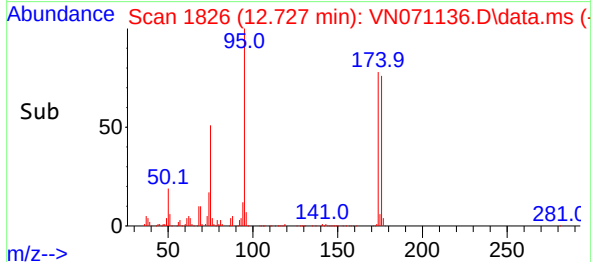
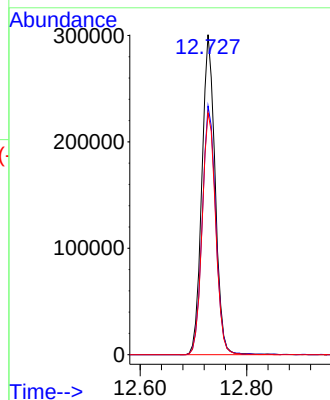
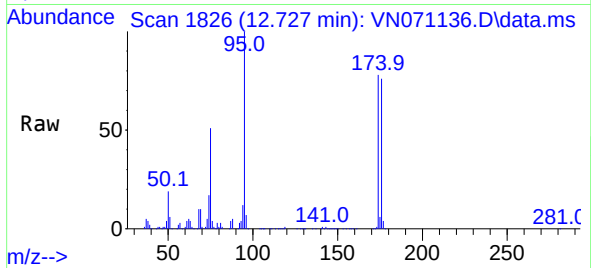




#62
4-Bromofluorobenzene
Concen: 46.846 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

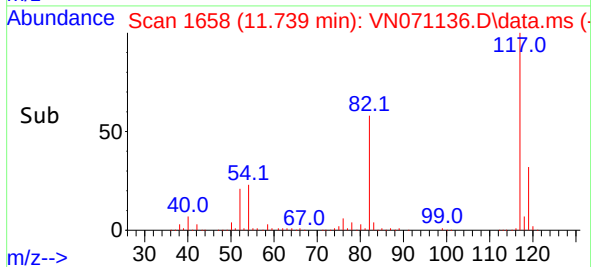
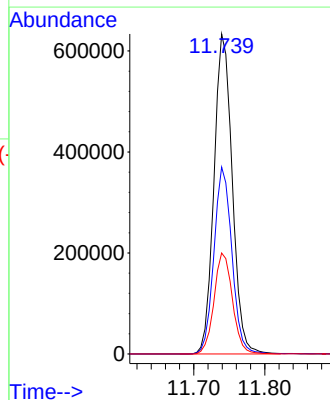
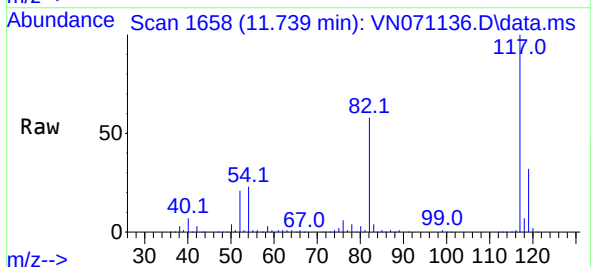
Instrument :
MSVOA_N
ClientSampleId :

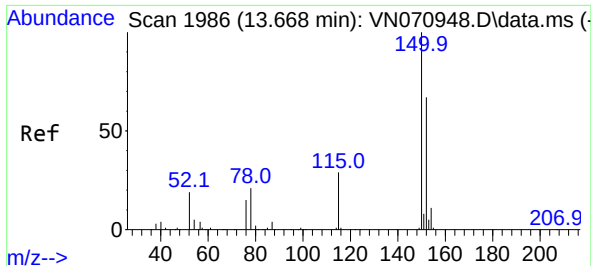
Tgt Ion: 95 Resp: 517003
Ion Ratio Lower Upper
95 100
174 78.9 0.0 187.2
176 77.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

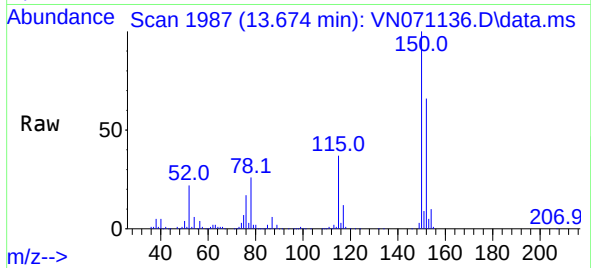
Tgt Ion: 117 Resp: 1131146
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 31.6 25.4 38.2



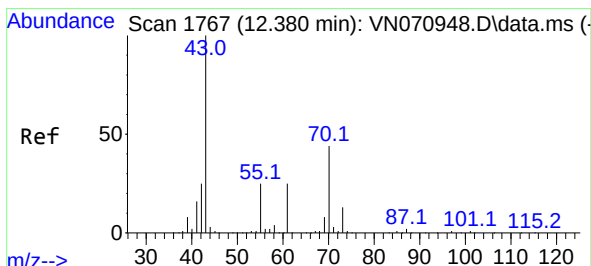
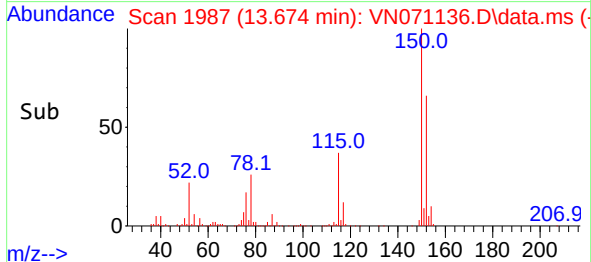
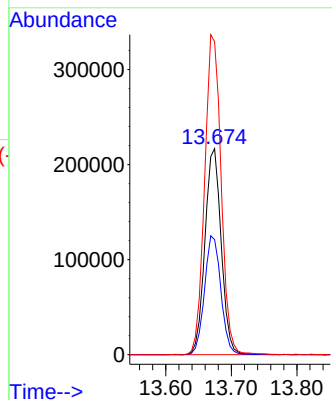


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :

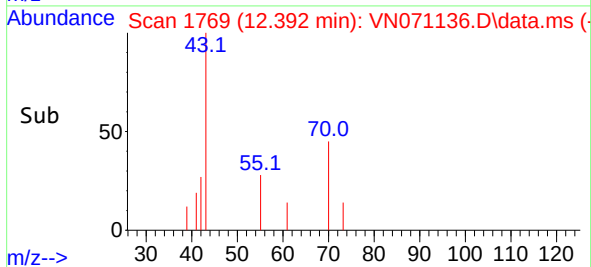
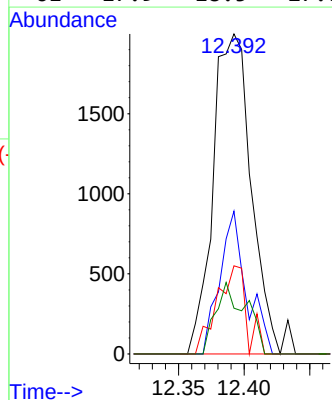
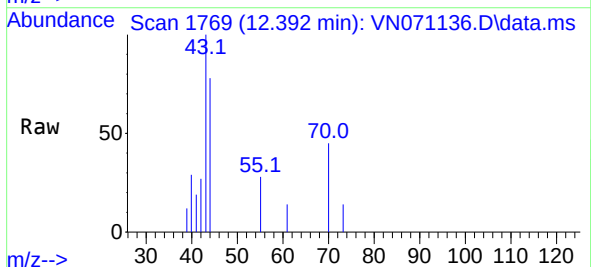


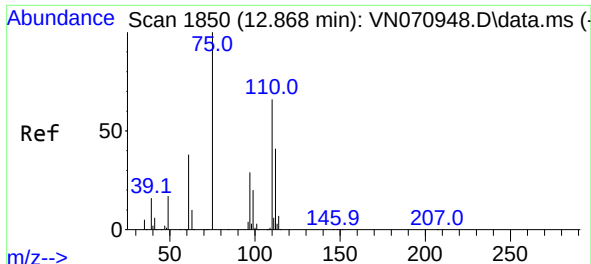
Tgt Ion:152 Resp: 375322
Ion Ratio Lower Upper
152 100
115 57.9 27.5 82.5
150 157.0 0.0 344.4



#74
N-amy1 acetate
Concen: 0.416 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.012 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Tgt Ion: 43 Resp: 4017
Ion Ratio Lower Upper
43 100
70 31.4 33.4 50.0#
55 21.6 19.3 28.9
61 17.9 18.5 27.7#

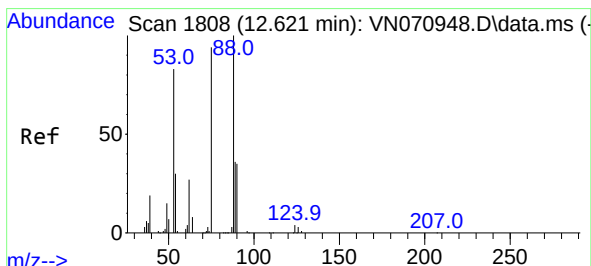
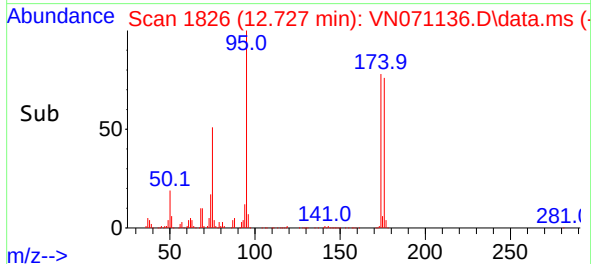
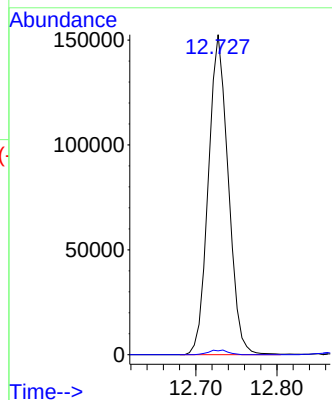
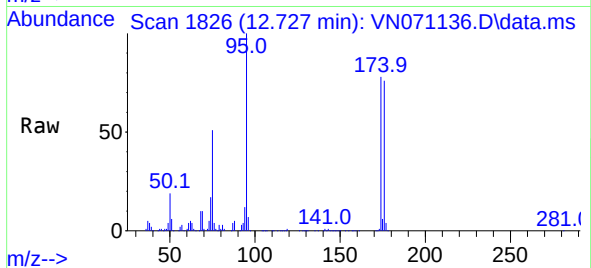




#76
1,2,3-Trichloropropane
Concen: 29.422 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

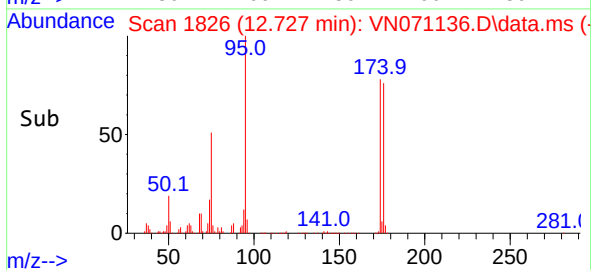
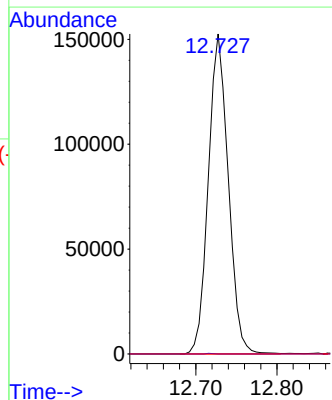
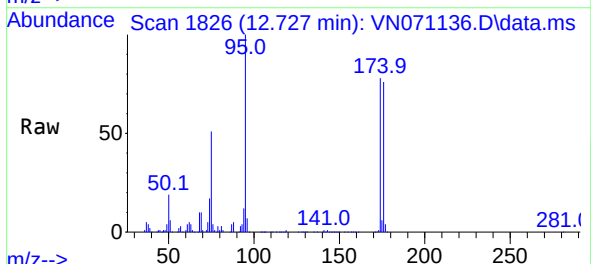
Instrument :
MSVOA_N
ClientSampleId :

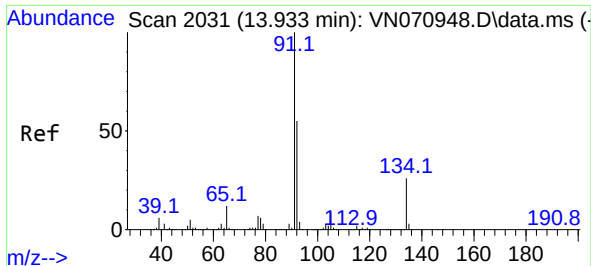
Tgt Ion: 75 Resp: 260002
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.341 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Tgt Ion: 75 Resp: 260002
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

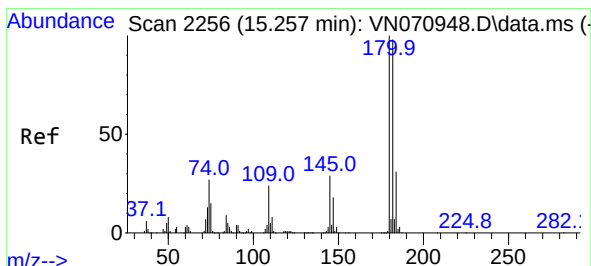
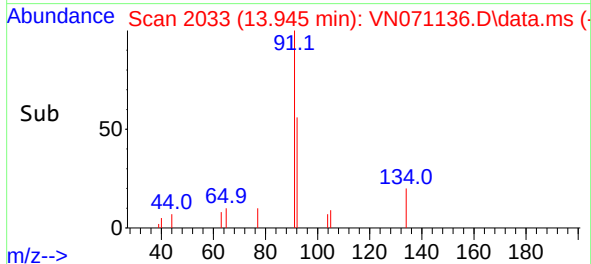
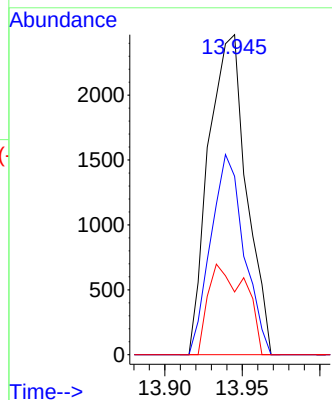
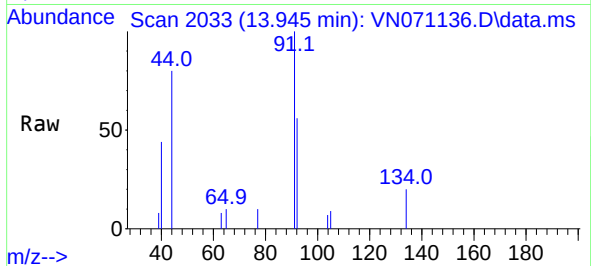




#89
n-Butylbenzene
Concen: 0.204 ug/l
RT: 13.945 min Scan# 2031
Delta R.T. 0.012 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

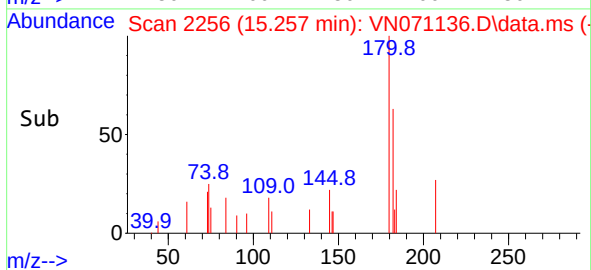
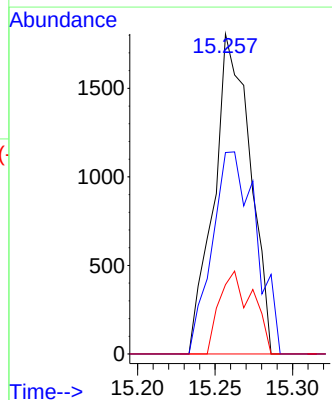
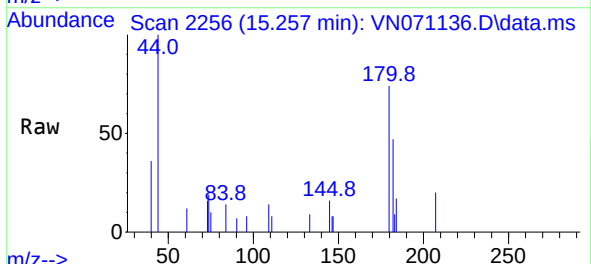
Instrument :
MSVOA_N
ClientSampleId :

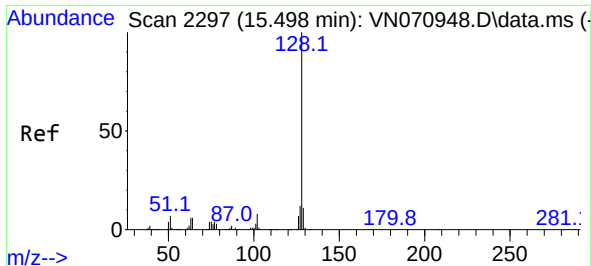
Tgt Ion: 91 Resp: 4183
Ion Ratio Lower Upper
91 100
92 55.3 25.4 76.0
134 27.5 13.6 40.8



#93
1,2,4-Trichlorobenzene
Concen: 2.407 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Tgt Ion: 180 Resp: 2941
Ion Ratio Lower Upper
180 100
182 76.2 48.3 144.9
145 23.6 14.5 43.5

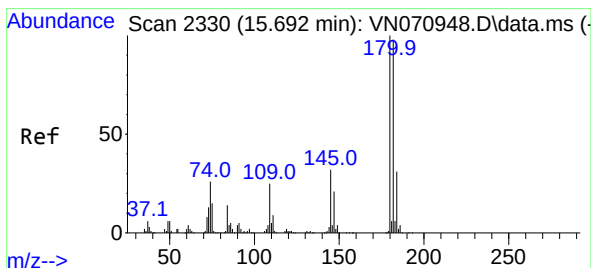
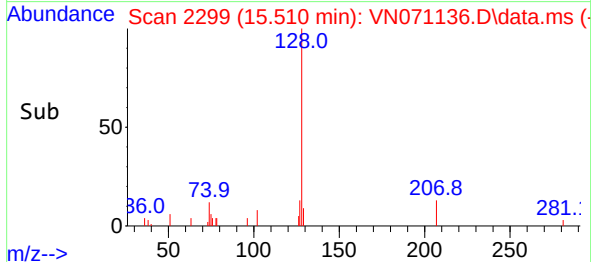
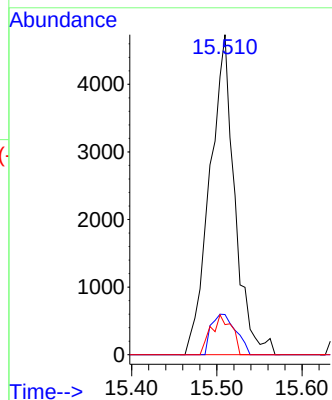
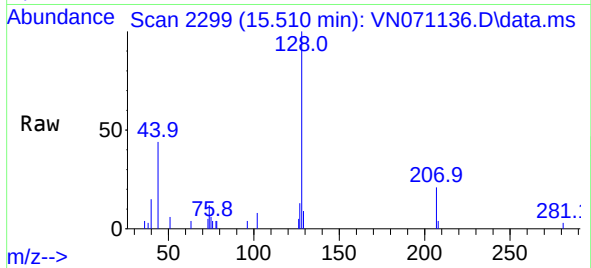




#95
Naphthalene
Concen: 5.506 ug/l
RT: 15.510 min Scan# 2299
Delta R.T. 0.012 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 9633
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.046 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071136.D
Acq: 02 Mar 2022 12:08

Tgt Ion:180 Resp: 3555
Ion Ratio Lower Upper
180 100
182 89.0 47.4 142.2
145 28.9 15.0 45.1

