

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071474.D
 Acq On : 22 Mar 2022 18:09
 Operator : JC\MD
 Sample : N2031-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 23 07:10:12 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

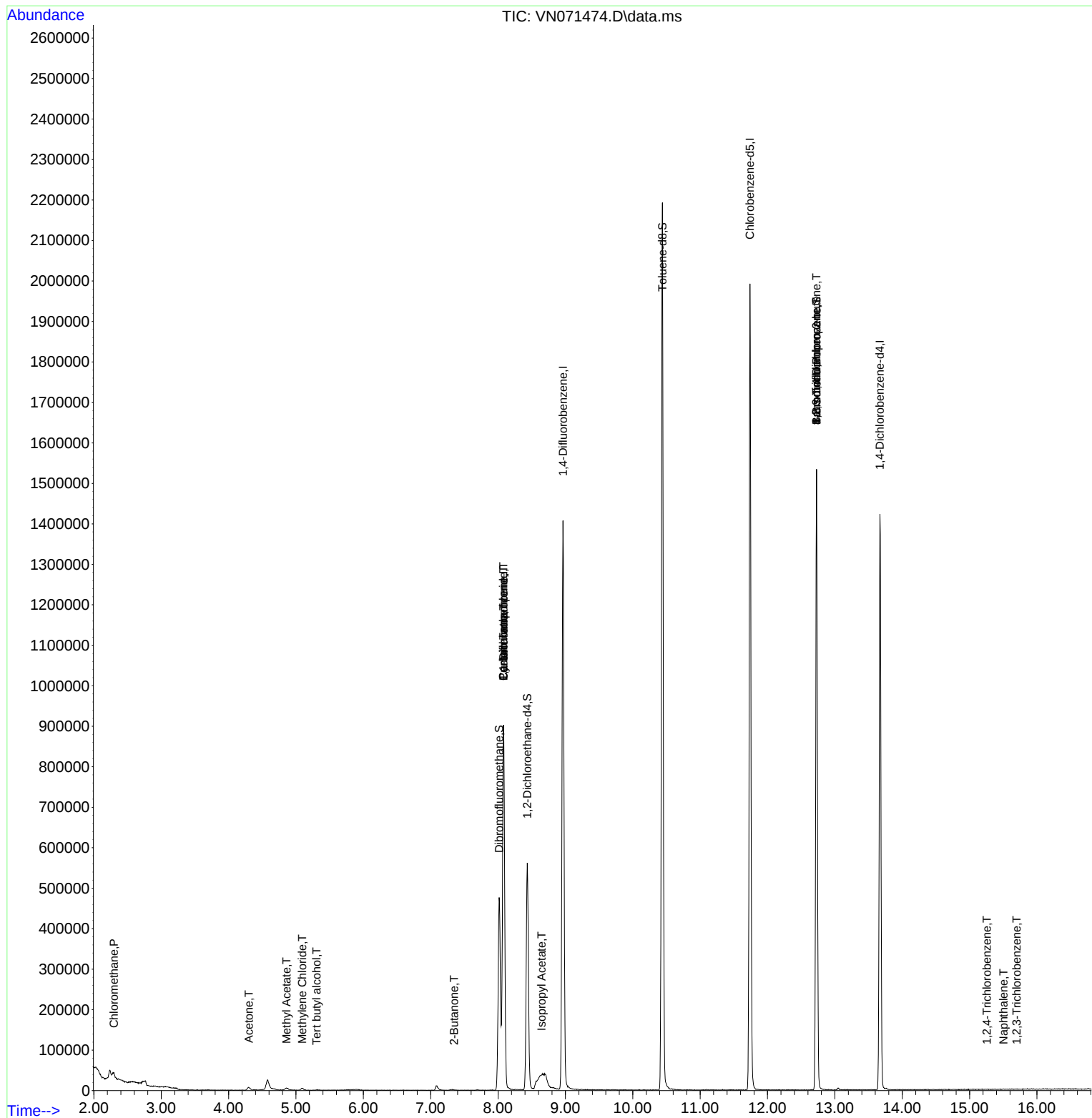
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.080	168	688010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1197766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1132720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	391416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	462654	49.065	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.120%
35) Dibromofluoromethane	8.016	113	350275	46.343	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.680%
50) Toluene-d8	10.439	98	1474990	48.468	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.727	95	529526	51.385	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	3218	0.283	ug/l #	85
5) Bromomethane	2.840	94	367	Below Cal	#	23
11) Tert butyl alcohol	5.304	59	862	0.465	ug/l #	71
16) Acetone	4.298	43	10536	2.296	ug/l	96
18) Methyl Acetate	4.857	43	12375	1.465	ug/l	97
20) Methylene Chloride	5.092	84	3371	0.781	ug/l #	68
25) 2-Butanone	7.345	43	1640	0.222	ug/l #	48
31) Cyclohexane	8.080	56	14317	0.951	ug/l #	9
36) 1,1-Dichloropropene	8.080	75	54606	4.509	ug/l #	49
38) Carbon Tetrachloride	8.080	117	70204	5.993	ug/l #	17
43) Isopropyl Acetate	8.645	43	61077	2.451	ug/l #	57
71) Bromoform	12.727	173	3227	0.476	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.721	83	378	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	275400	27.776	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	275400	76.059	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.256	180	78	3.001	ug/l #	12
95) Naphthalene	15.503	128	602	5.098	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.698	180	126	2.751	ug/l #	12

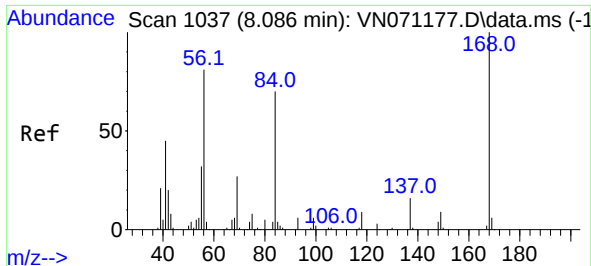
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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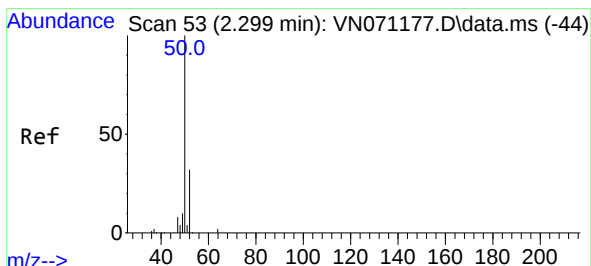
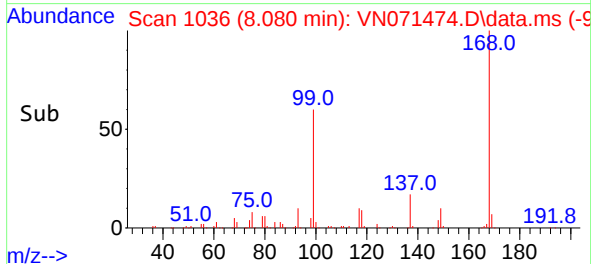
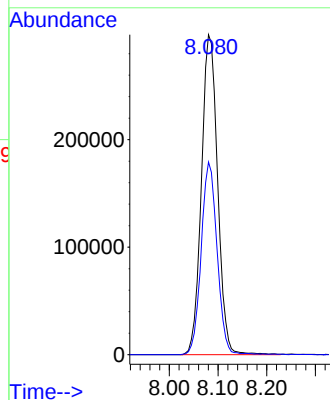
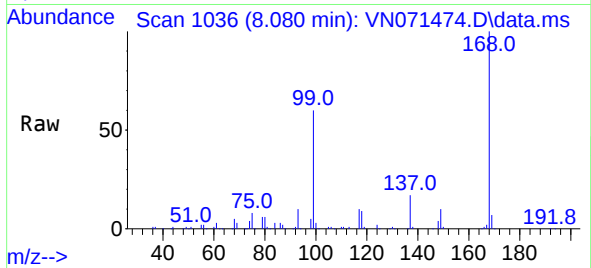




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

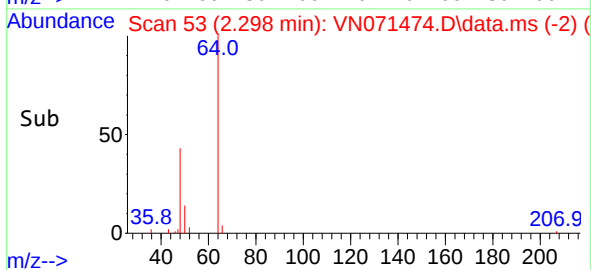
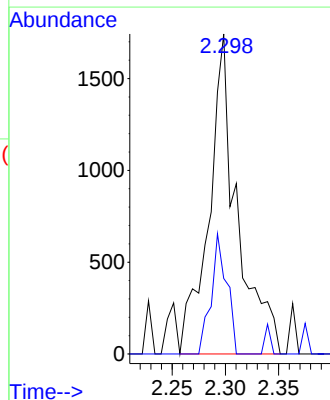
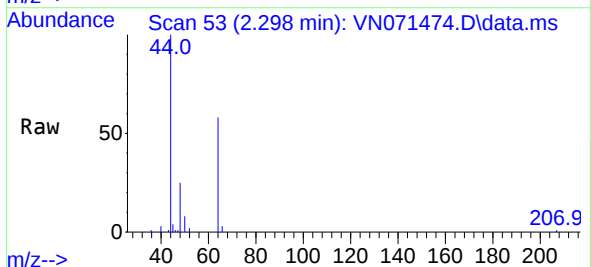
Instrument :
MSVOA_N
ClientSampleId :

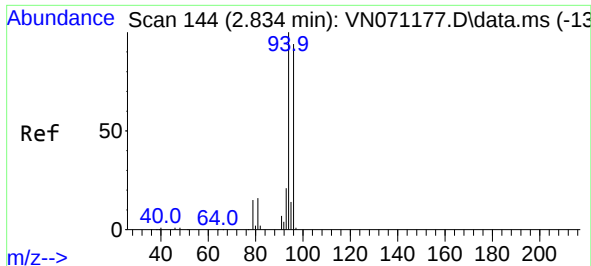
Tgt Ion:168 Resp: 688010
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#3
Chloromethane
Concen: 0.283 ug/l
RT: 2.298 min Scan# 53
Delta R.T. -0.001 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

Tgt Ion: 50 Resp: 3218
Ion Ratio Lower Upper
50 100
52 23.6 25.4 38.0#

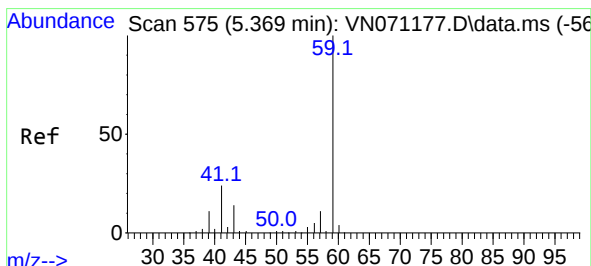
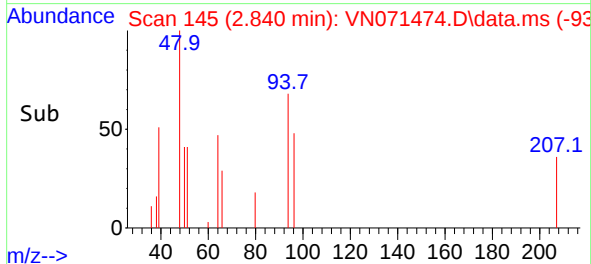
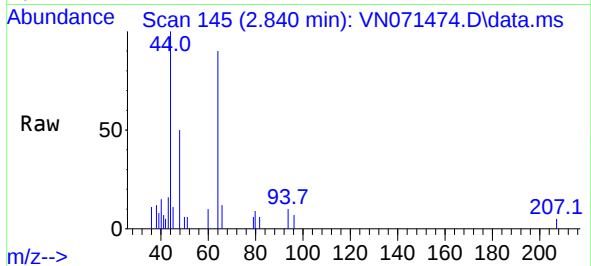




#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

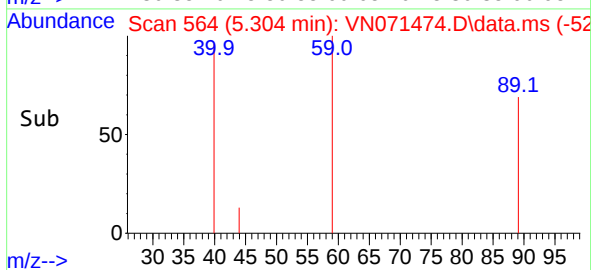
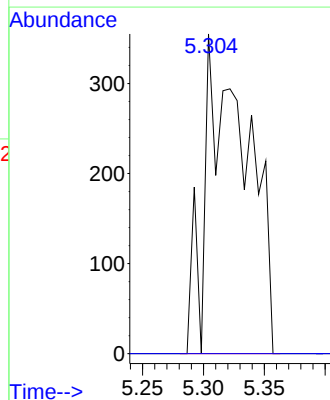
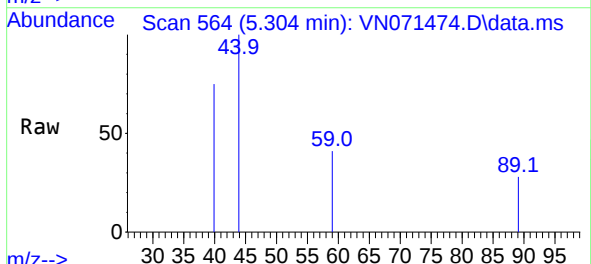
Instrument :
MSVOA_N
ClientSampleId :

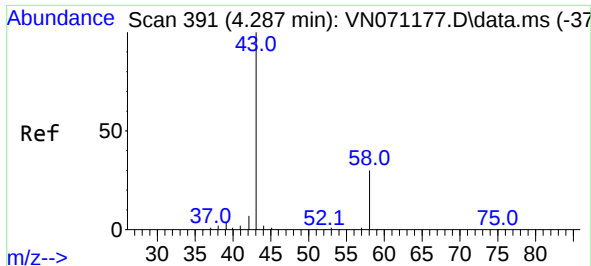
Tgt Ion: 94 Resp: 367
Ion Ratio Lower Upper
94 100
96 18.5 73.8 110.8#



#11
Tert butyl alcohol
Concen: 0.465 ug/l
RT: 5.304 min Scan# 564
Delta R.T. -0.065 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

Tgt Ion: 59 Resp: 862
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

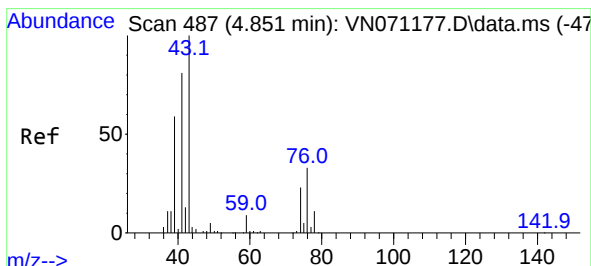
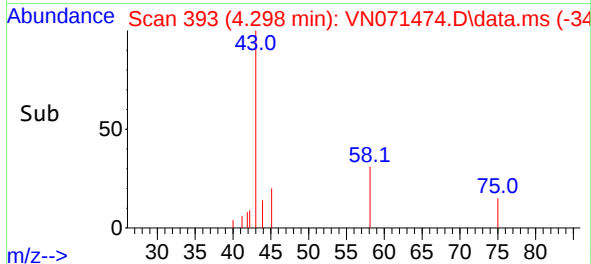
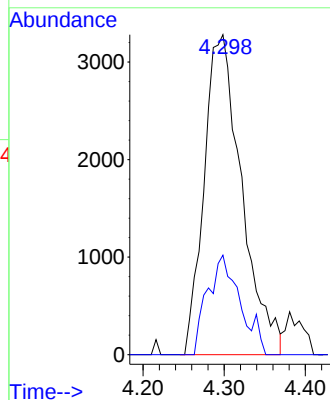
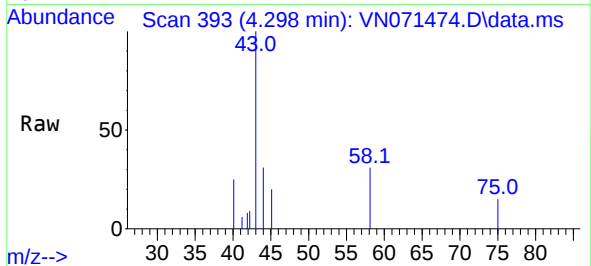




#16
Acetone
Concen: 2.296 ug/l
RT: 4.298 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

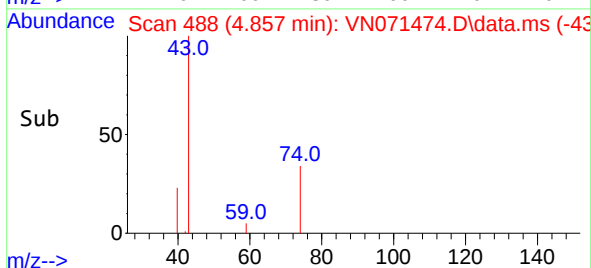
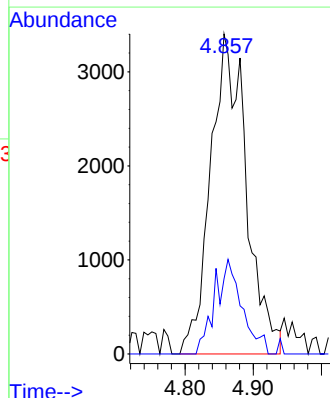
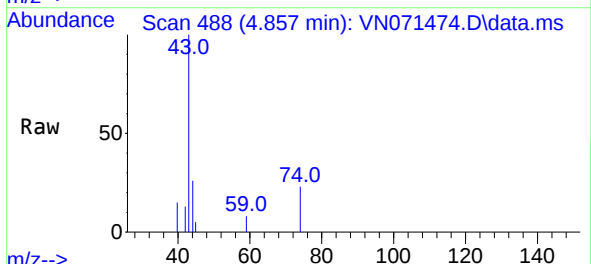
Instrument :
MSVOA_N
ClientSampleId :

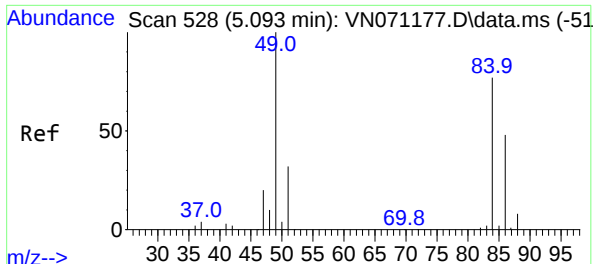
Tgt Ion: 43 Resp: 10536
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7



#18
Methyl Acetate
Concen: 1.465 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

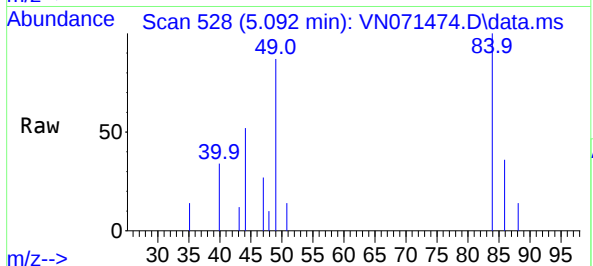
Tgt Ion: 43 Resp: 12375
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2





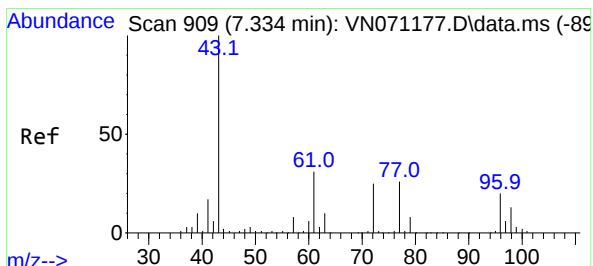
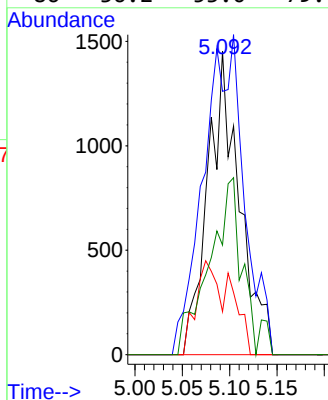
#20
Methylene Chloride
Concen: 0.781 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 3371

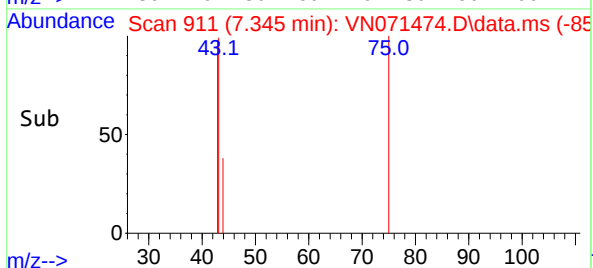
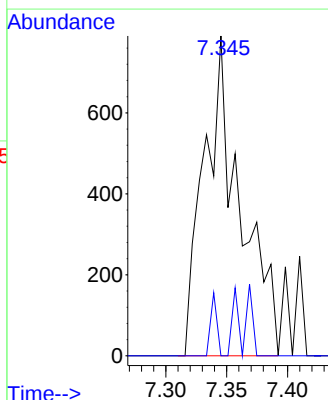
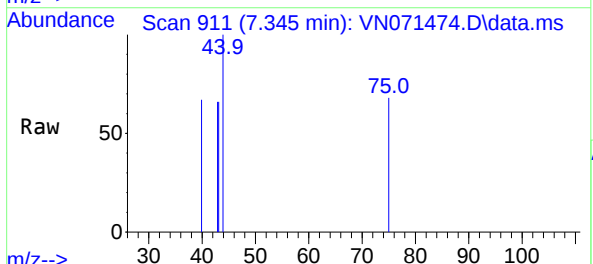
Ion	Ratio	Lower	Upper
84	100		
49	86.8	93.5	140.3#
51	14.2	29.4	44.2#
86	36.2	53.0	79.4#

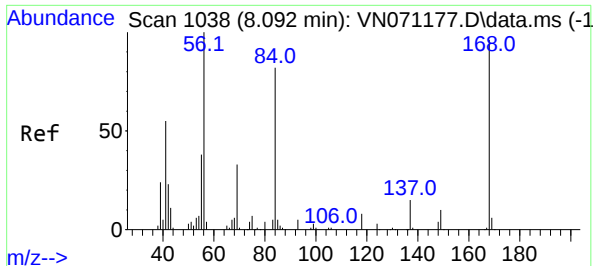


#25
2-Butanone
Concen: 0.222 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.012 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

Tgt Ion: 43 Resp: 1640

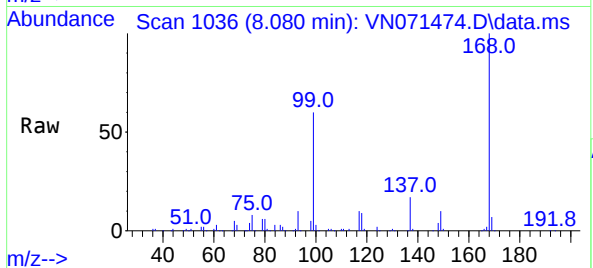
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.7	32.5#



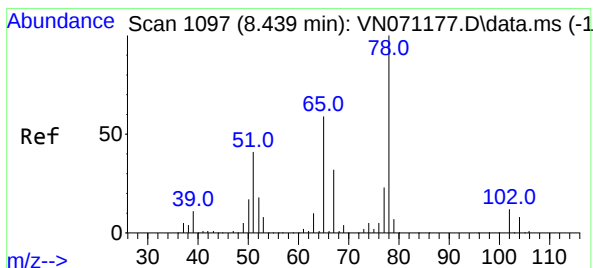
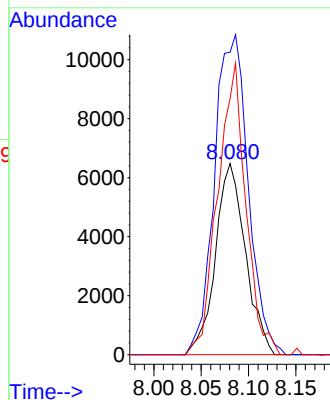
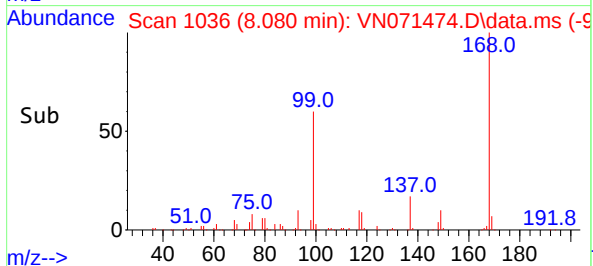


#31
Cyclohexane
Concen: 0.951 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :

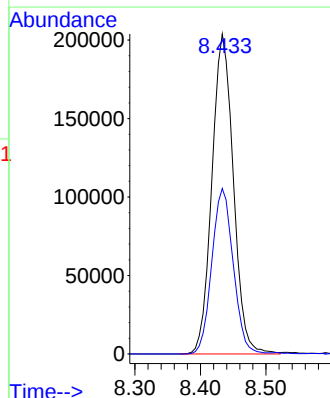
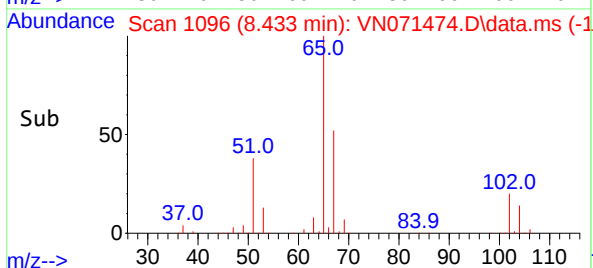
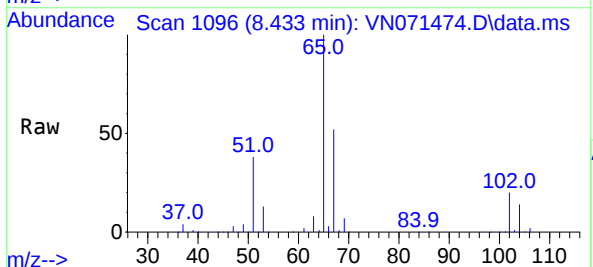


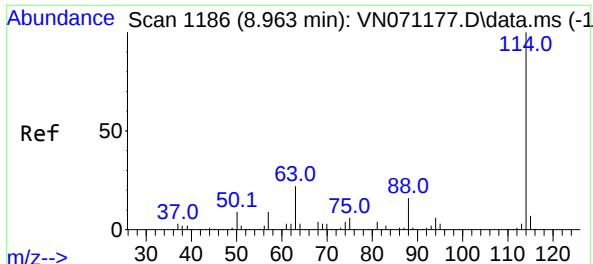
Tgt Ion: 56 Resp: 14317
Ion Ratio Lower Upper
56 100
69 158.3 27.1 40.7#
84 134.1 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 49.065 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

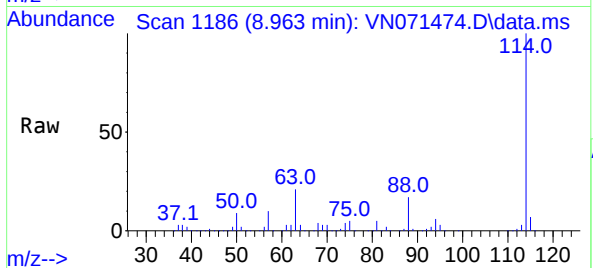
Tgt Ion: 65 Resp: 462654
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0



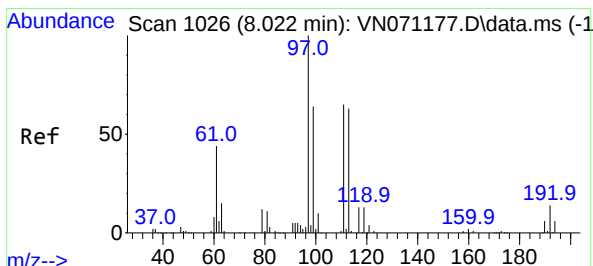
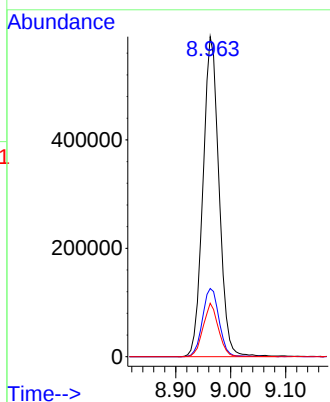
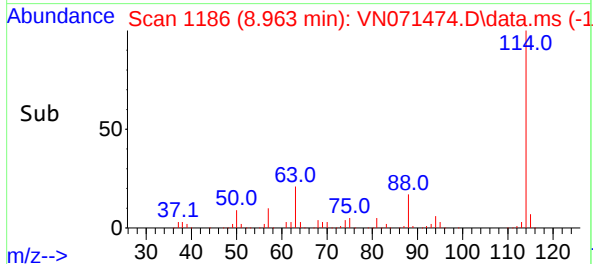


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

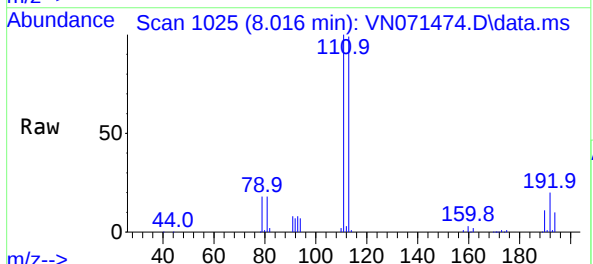
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MSVOA_N
ClientSampleId :



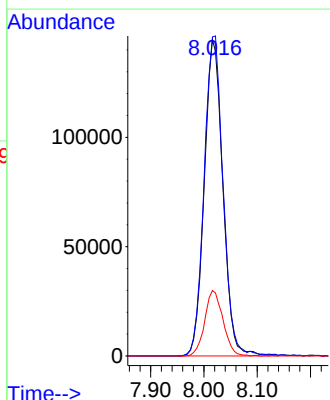
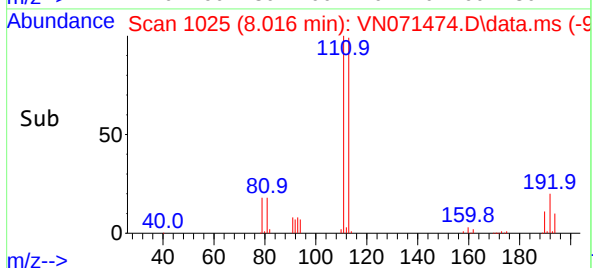
Tgt Ion:114 Resp: 1197766
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.8
88 16.7 0.0 27.4

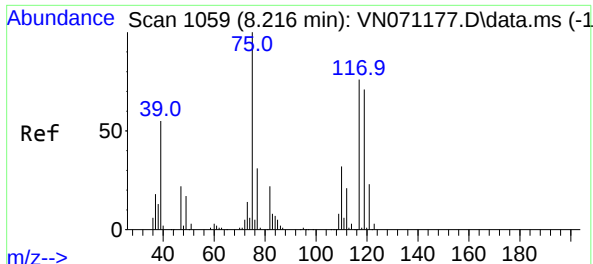


#35
Dibromofluoromethane
Concen: 46.343 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09



Tgt Ion:113 Resp: 350275
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.509 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071474.D

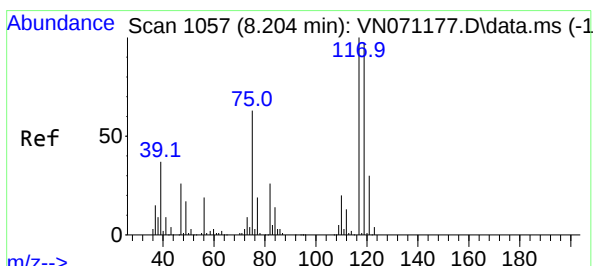
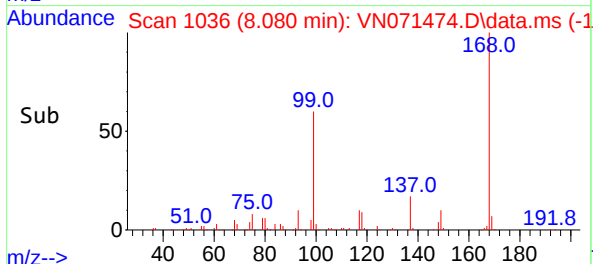
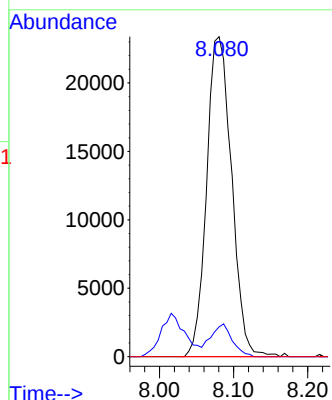
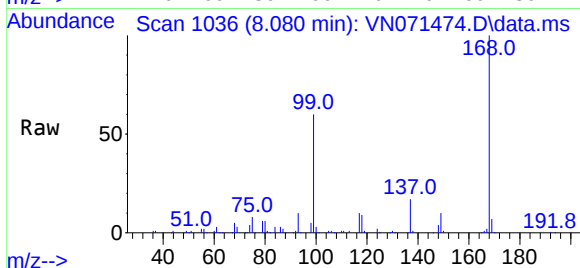
Acq: 22 Mar 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	54606
Ion Ratio	Lower	Upper	
75	100		
110	8.8	18.4	55.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.993 ug/l

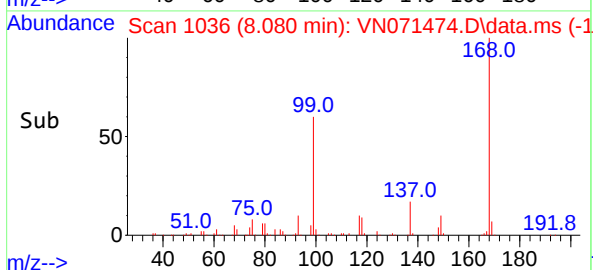
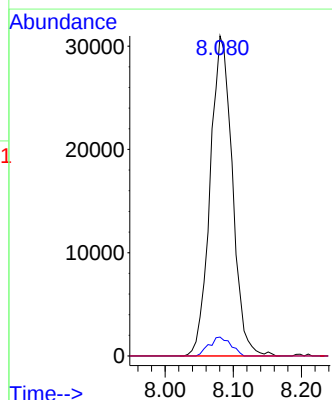
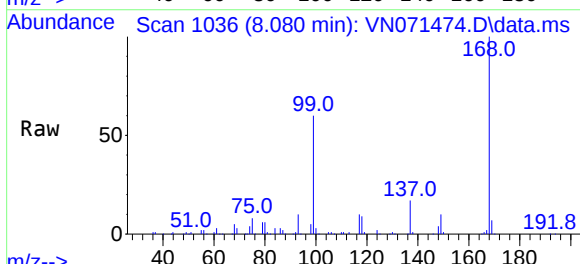
RT: 8.080 min Scan# 1036

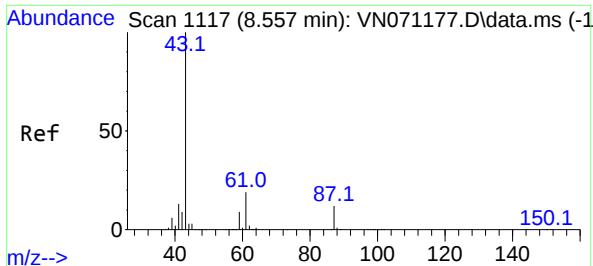
Delta R.T. -0.124 min

Lab File: VN071474.D

Acq: 22 Mar 2022 18:09

Tgt Ion:	117	Resp:	70204
Ion Ratio	Lower	Upper	
117	100		
119	5.9	76.1	114.1#
121	0.0	24.2	36.2#

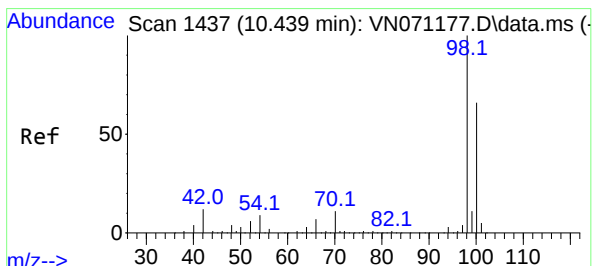
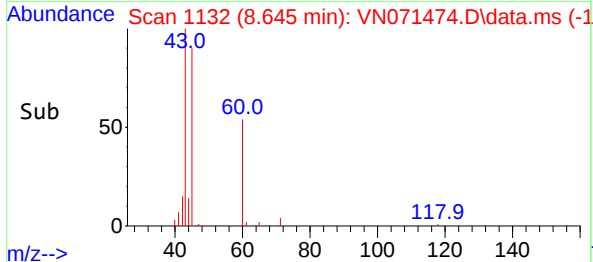
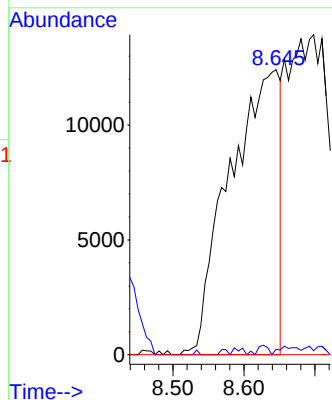
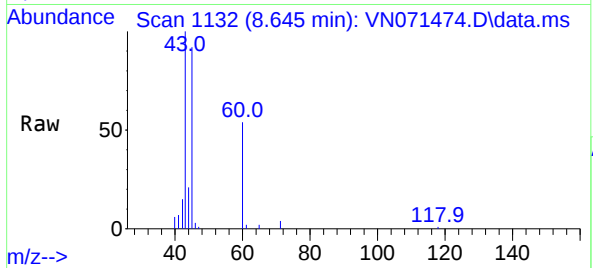




#43
Isopropyl Acetate
Concen: 2.451 ug/l
RT: 8.645 min Scan# 1117
Delta R.T. 0.088 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

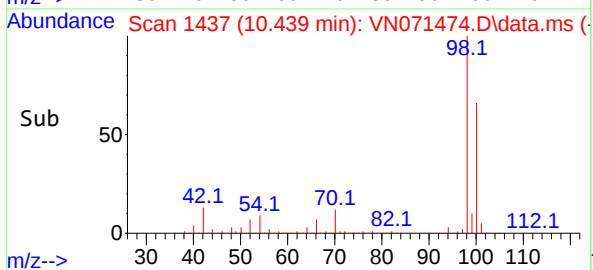
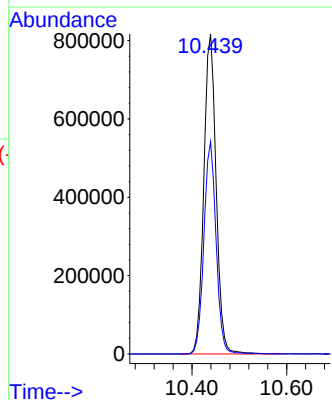
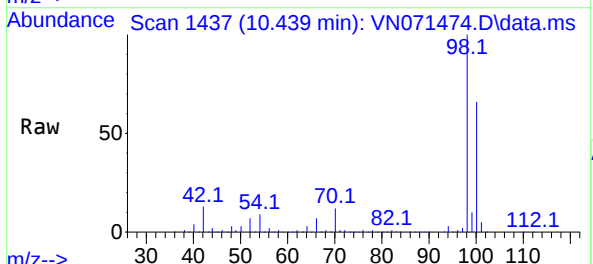
Instrument :
MSVOA_N
ClientSampleId :

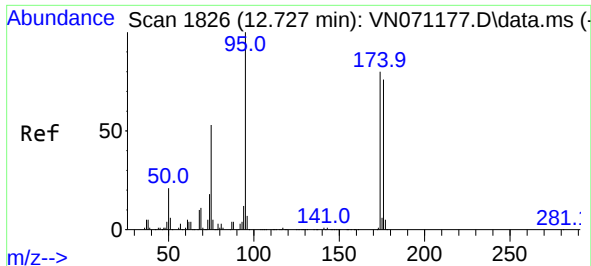
Tgt Ion: 43 Resp: 61077
Ion Ratio Lower Upper
43 100
61 1.1 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 48.468 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

Tgt Ion: 98 Resp: 1474990
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6

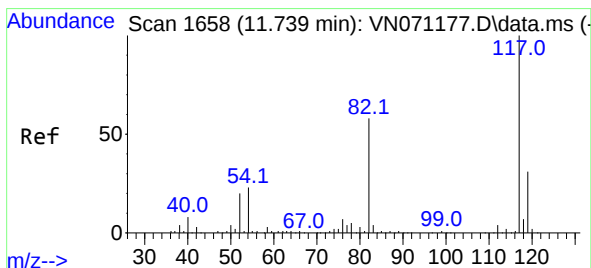
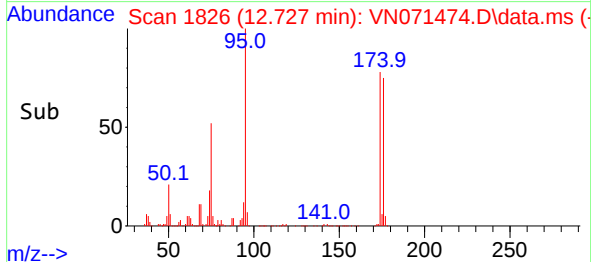
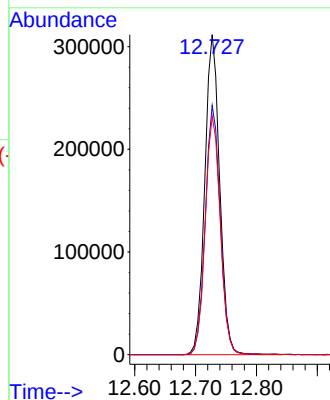
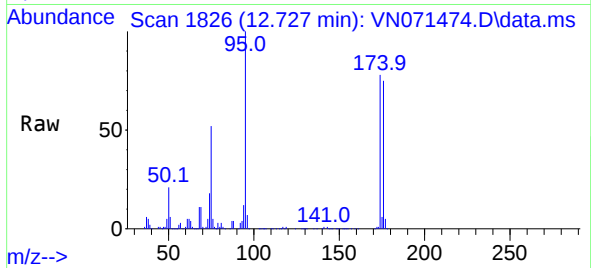




#62
4-Bromofluorobenzene
Concen: 51.385 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

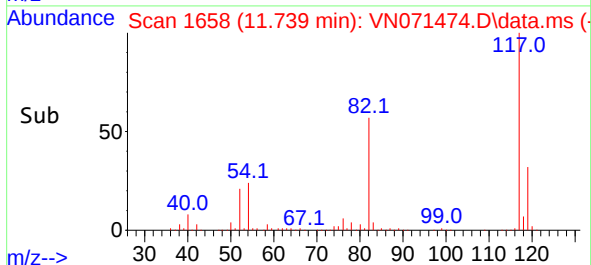
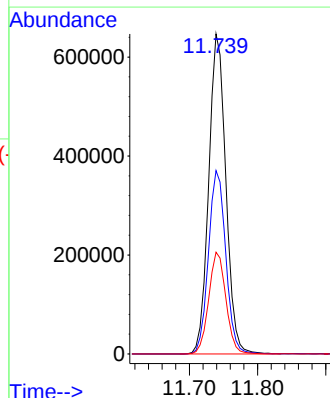
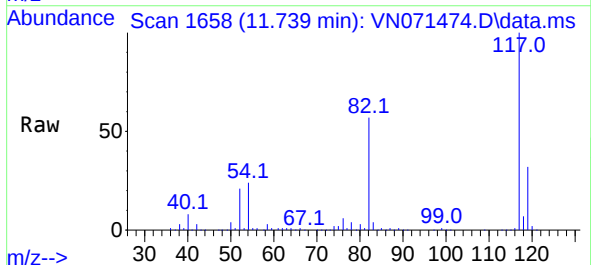
Instrument :
MSVOA_N
ClientSampleId :

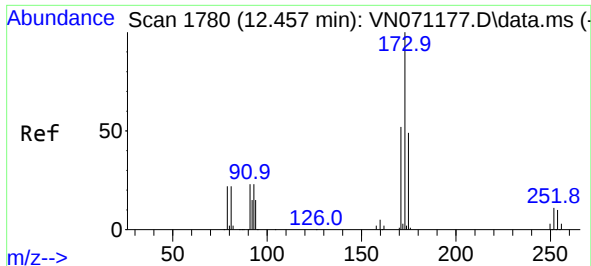
Tgt Ion: 95 Resp: 529526
Ion Ratio Lower Upper
95 100
174 78.5 0.0 187.2
176 75.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

Tgt Ion: 117 Resp: 1132720
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 31.8 25.4 38.2

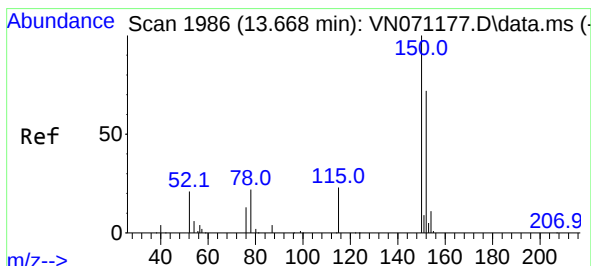
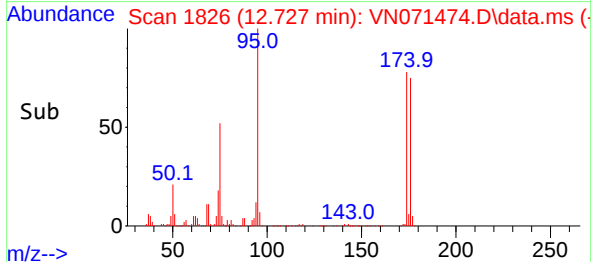
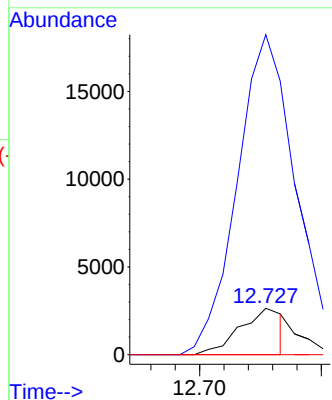
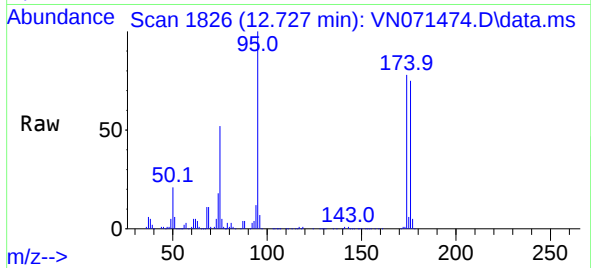




#71
Bromoform
Concen: 0.476 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

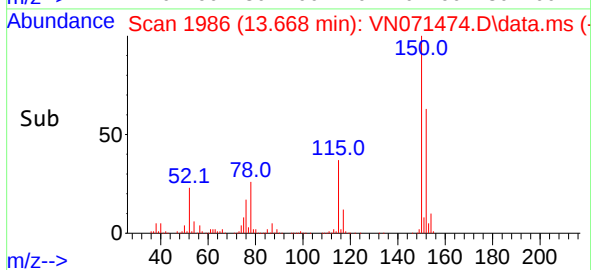
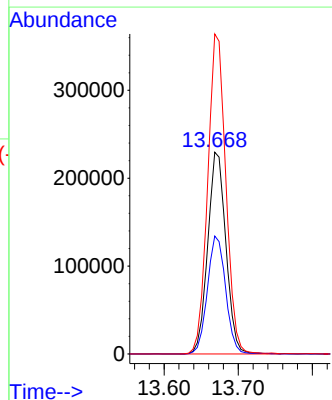
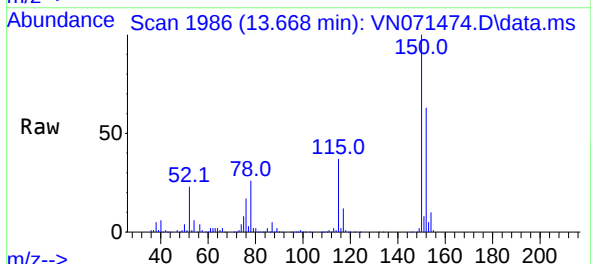
Instrument :
MSVOA_N
ClientSampleId :

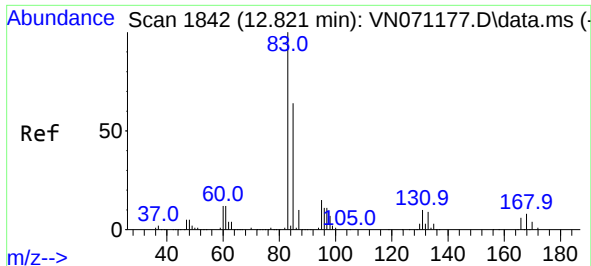
Tgt Ion:173 Resp: 3227
Ion Ratio Lower Upper
173 100
175 726.3 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

Tgt Ion:152 Resp: 391416
Ion Ratio Lower Upper
152 100
115 58.7 27.5 82.5
150 158.4 0.0 344.4

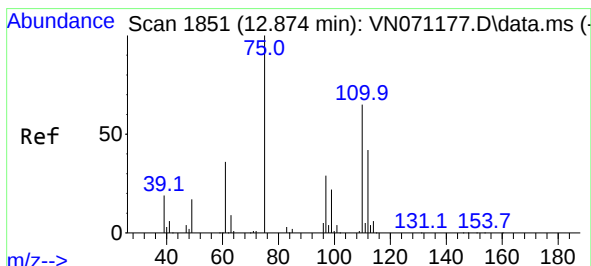
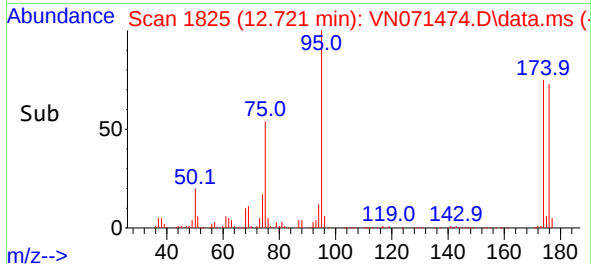
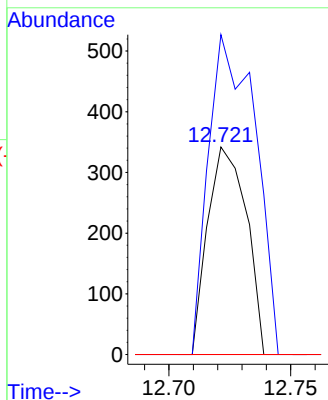
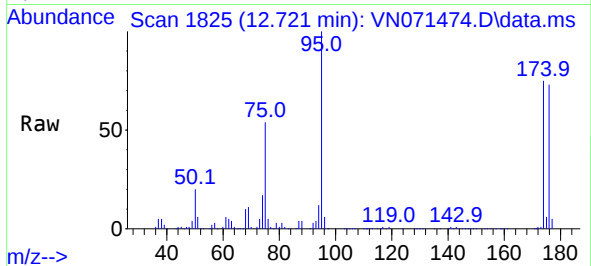




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.721 min Scan# 1842
Delta R.T. -0.100 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

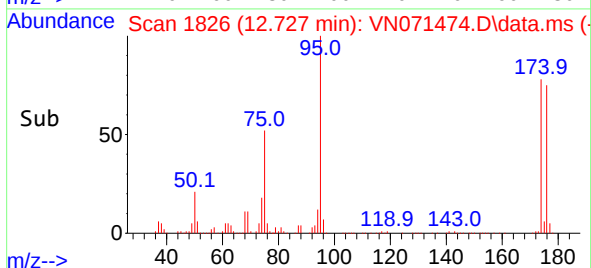
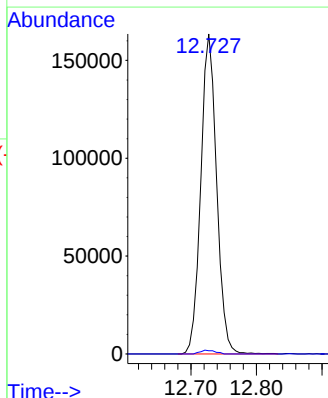
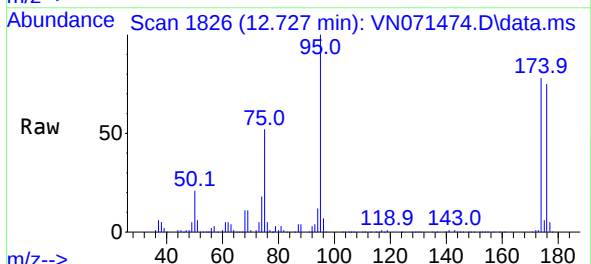
Instrument :
MSVOA_N
ClientSampleId :

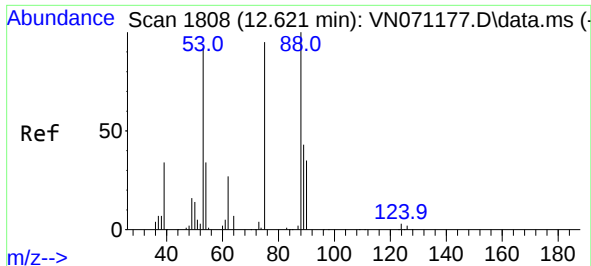
Tgt Ion: 83 Resp: 378
Ion Ratio Lower Upper
83 100
131 186.2 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 27.776 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

Tgt Ion: 75 Resp: 275400
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

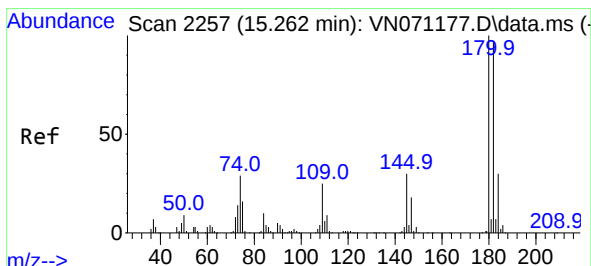
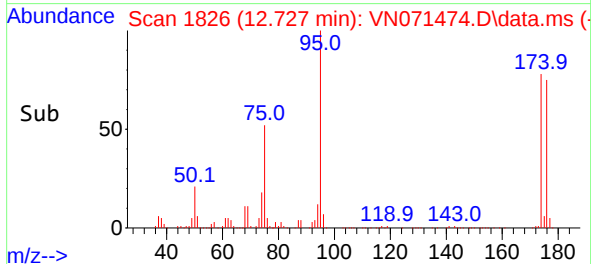
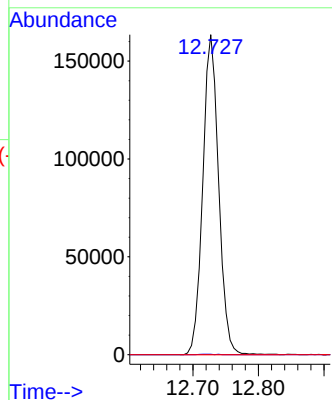
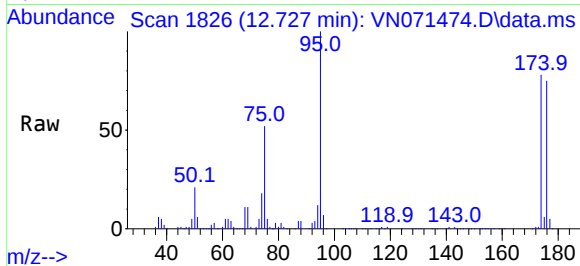




#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.059 ug/l
 RT: 12.727 min Scan# 1808
 Delta R.T. 0.106 min
 Lab File: VN071474.D
 Acq: 22 Mar 2022 18:09

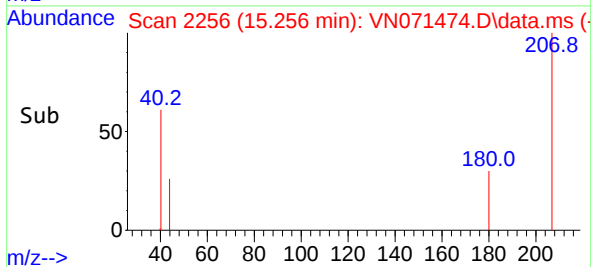
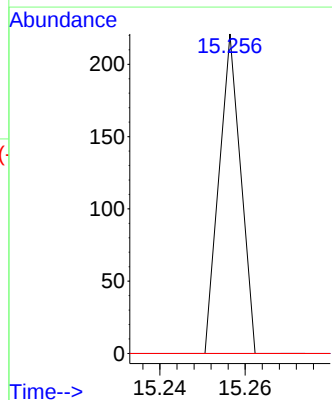
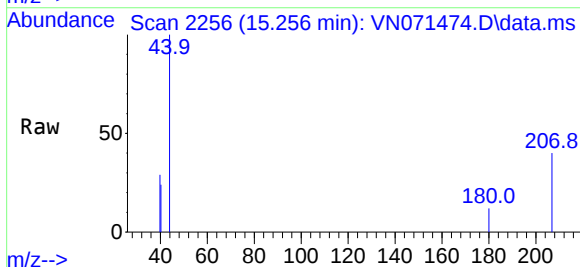
Instrument :
 MSVOA_N
 ClientSampleId :

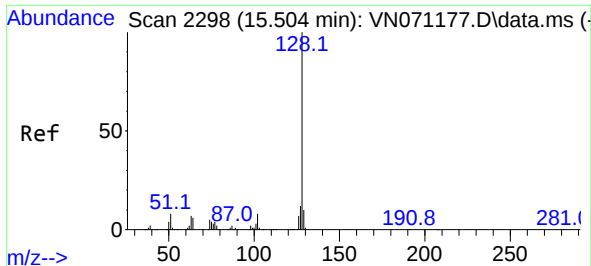
Tgt Ion: 75 Resp: 275400
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 38.2 57.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.001 ug/l
 RT: 15.256 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: VN071474.D
 Acq: 22 Mar 2022 18:09

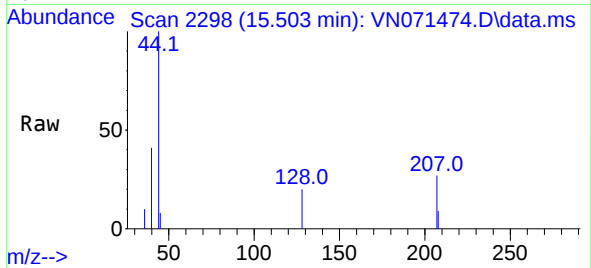
Tgt Ion:180 Resp: 78
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.3 144.9#
 145 0.0 14.5 43.5#



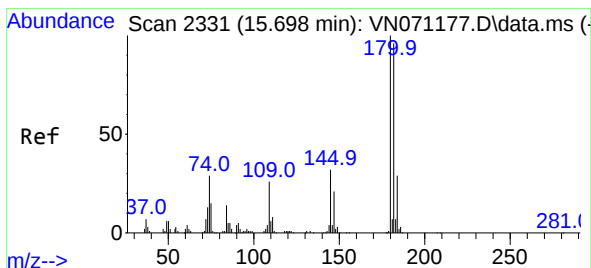
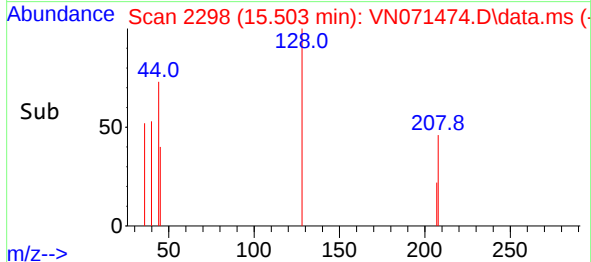
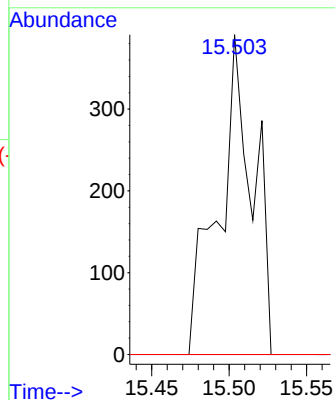


#95
Naphthalene
Concen: 5.098 ug/l
RT: 15.503 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 602
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.751 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071474.D
Acq: 22 Mar 2022 18:09

Tgt Ion:180 Resp: 126
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 0.0 15.0 45.1#

