

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074119.D
 Acq On : 25 Aug 2022 17:13
 Operator : JC\MD
 Sample : N4283-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 337

Quant Time: Aug 26 02:03:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

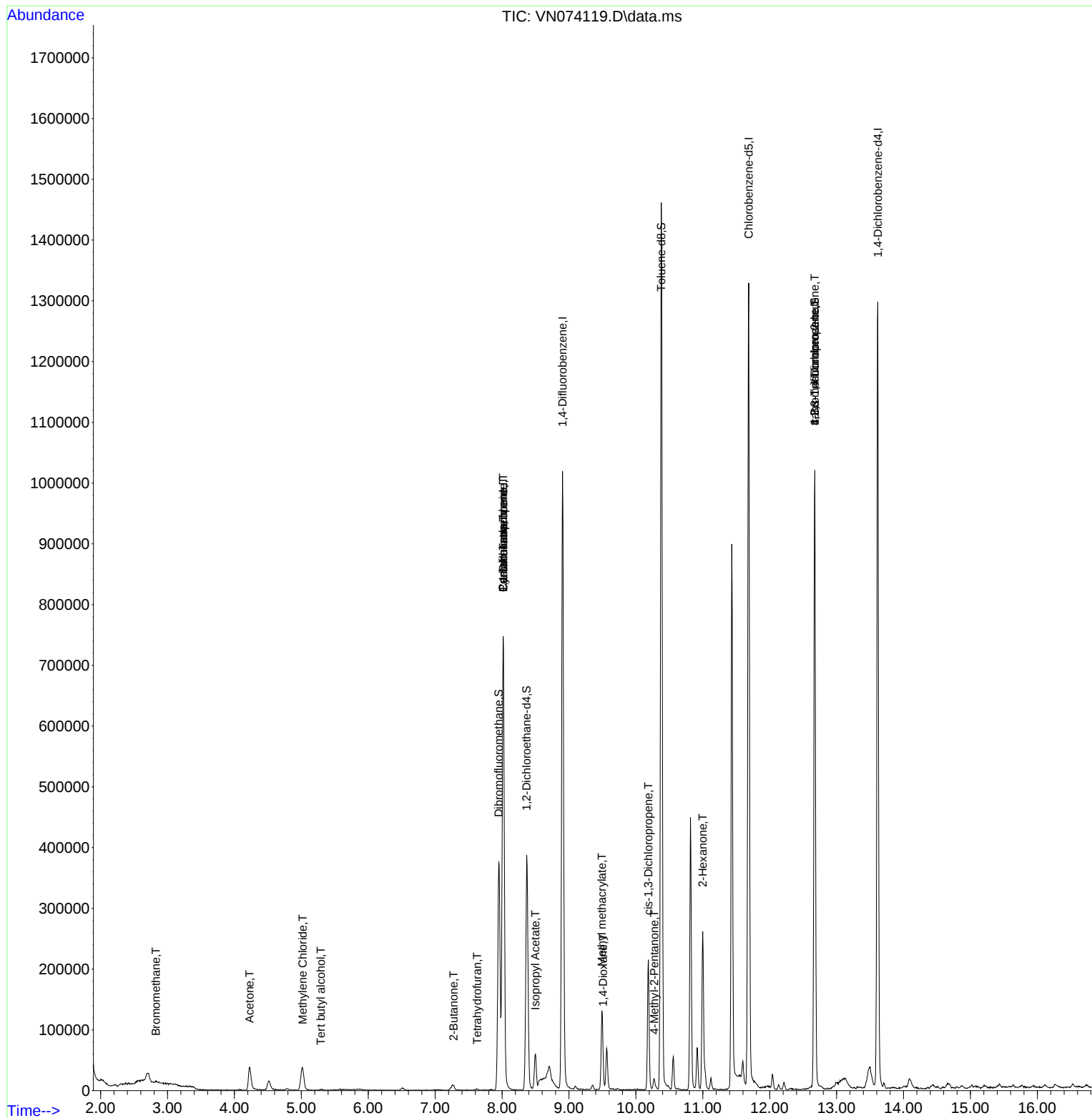
Internal Standards						
1) Pentafluorobenzene	8.016	168	619880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	938657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	822249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	367417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	316125	52.359	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.720%	
35) Dibromofluoromethane	7.951	113	279984	50.437	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.880%	
50) Toluene-d8	10.380	98	1072221	49.873	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.674	95	343016	48.074	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	1617	0.369	ug/l	81
11) Tert butyl alcohol	5.292	59	2489	1.843	ug/l #	79
16) Acetone	4.228	43	71085	24.956	ug/l	98
18) Methyl Acetate	4.787	43	5415	Below Cal		91
20) Methylene Chloride	5.022	84	34131	5.678	ug/l #	86
25) 2-Butanone	7.275	43	12098	2.679	ug/l #	84
29) Tetrahydrofuran	7.628	42	1562	0.539	ug/l #	62
31) Cyclohexane	8.016	56	10306	1.224	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	40537	5.257	ug/l #	49
38) Carbon Tetrachloride	8.016	117	55842	6.336	ug/l #	18
43) Isopropyl Acetate	8.498	43	64760	4.867	ug/l	92
48) Methyl methacrylate	9.492	41	8957	1.573	ug/l #	37
49) 1,4-Dioxane	9.510	88	59	0.348	ug/l #	1
51) 4-Methyl-2-Pentanone	10.274	43	14870	1.653	ug/l #	85
54) cis-1,3-Dichloropropene	10.186	75	41260	4.240	ug/l #	63
59) 2-Hexanone	10.998	43	202212	29.204	ug/l #	21
76) 1,2,3-Trichloropropane	12.674	75	164297	21.514	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	164297	61.190	ug/l #	11

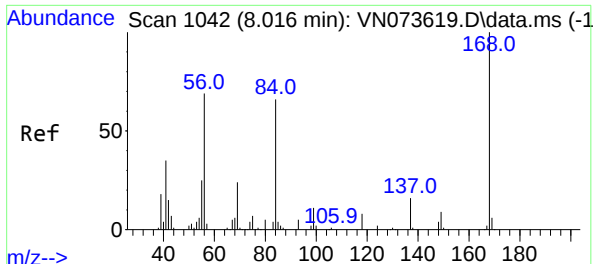
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
Data File : VN074119.D
Acq On : 25 Aug 2022 17:13
Operator : JC\MD
Sample : N4283-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
337

Quant Time: Aug 26 02:03:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration

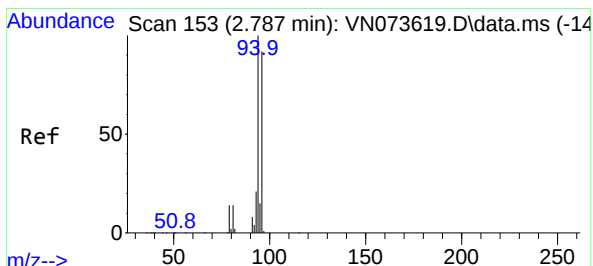
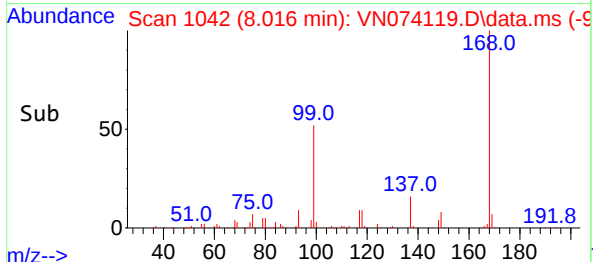
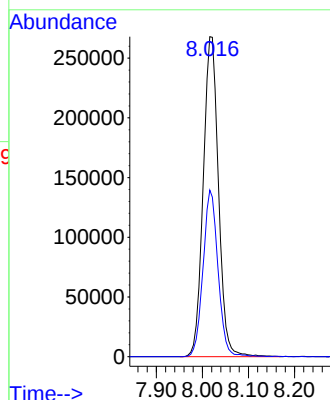
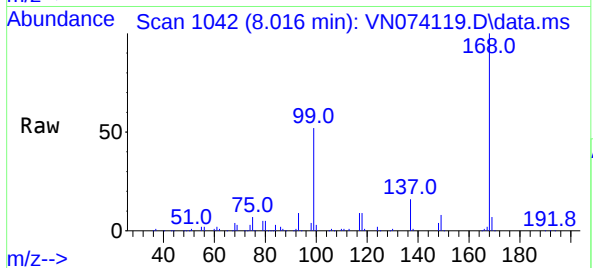




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

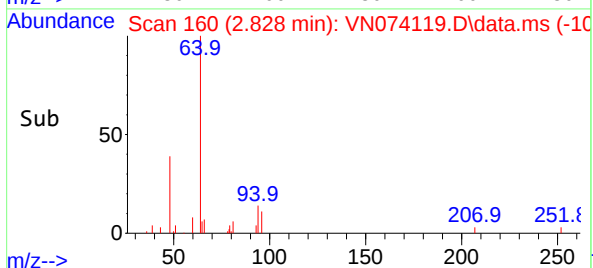
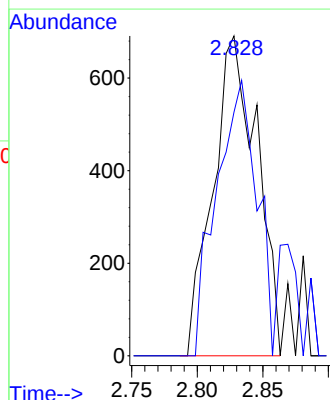
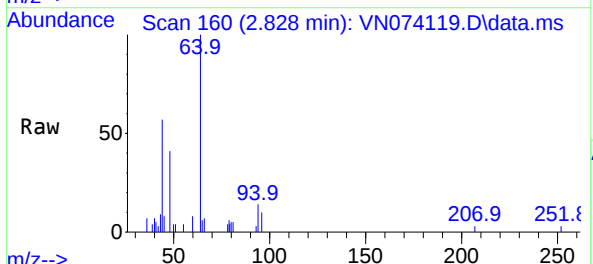
Instrument :
MSVOA_N
ClientSampleId :
337

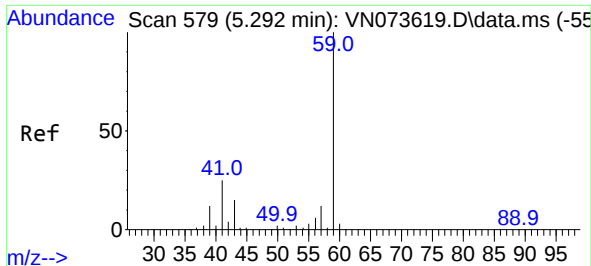
Tgt Ion:168 Resp: 619880
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5



#5
Bromomethane
Concen: 0.369 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.041 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Tgt Ion: 94 Resp: 1617
Ion Ratio Lower Upper
94 100
96 76.1 76.0 114.0

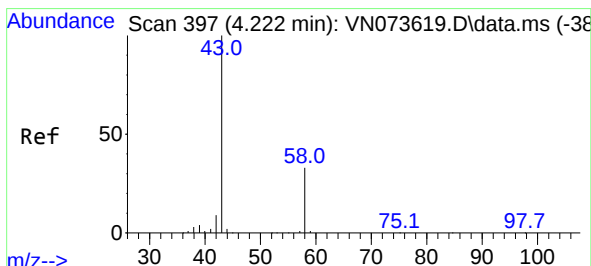
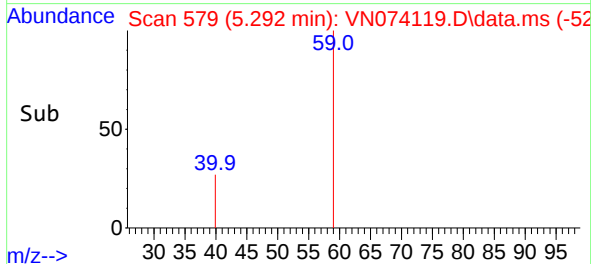
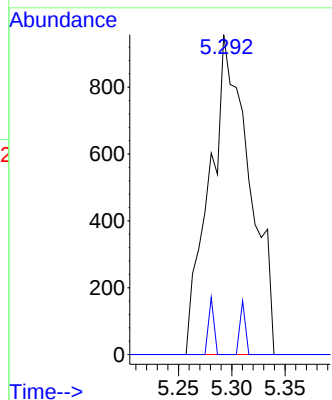
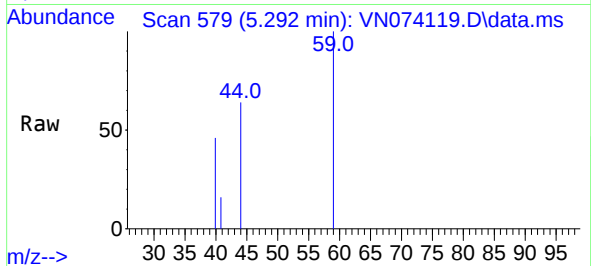




#11
Tert butyl alcohol
Concen: 1.843 ug/l
RT: 5.292 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

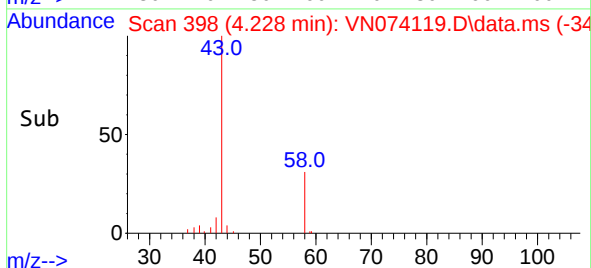
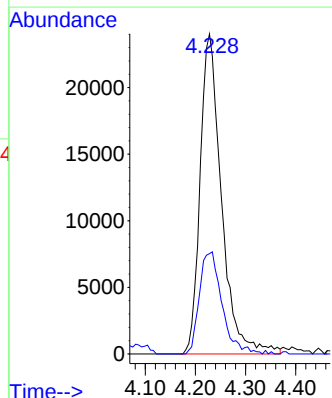
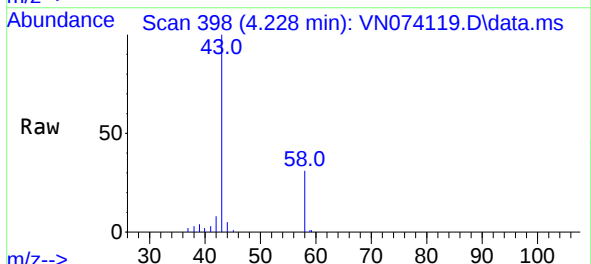
Instrument :
MSVOA_N
ClientSampleId :
337

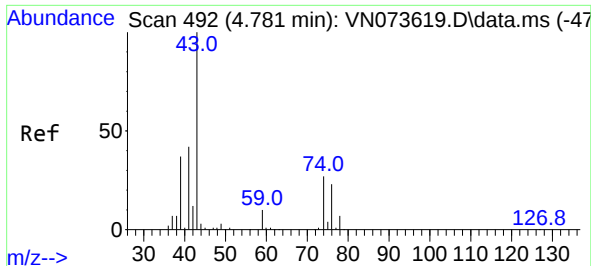
Tgt Ion: 59 Resp: 2489
Ion Ratio Lower Upper
59 100
57 2.4 8.3 12.5#



#16
Acetone
Concen: 24.956 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Tgt Ion: 43 Resp: 71085
Ion Ratio Lower Upper
43 100
58 31.4 26.0 39.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.787 min Scan# 492

Delta R.T. 0.006 min

Lab File: VN074119.D

Acq: 25 Aug 2022 17:13

Instrument :

MSVOA_N

ClientSampleId :

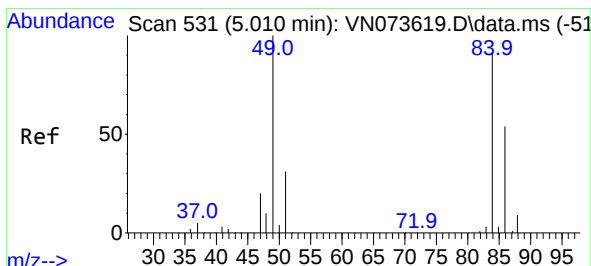
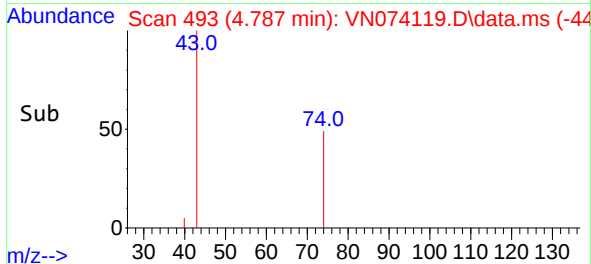
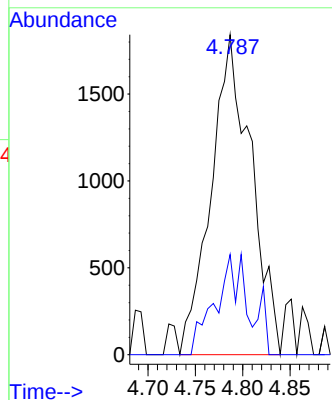
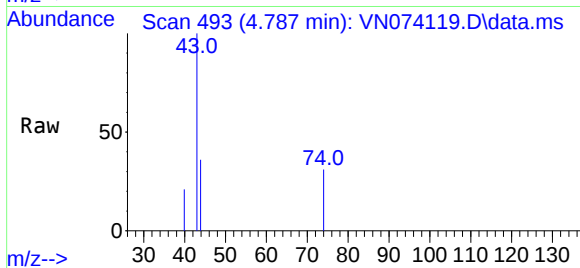
337

Tgt Ion: 43 Resp: 5415

Ion Ratio Lower Upper

43 100

74 22.4 21.6 32.4



#20

Methylene Chloride

Concen: 5.678 ug/l

RT: 5.022 min Scan# 533

Delta R.T. 0.012 min

Lab File: VN074119.D

Acq: 25 Aug 2022 17:13

Tgt Ion: 84 Resp: 34131

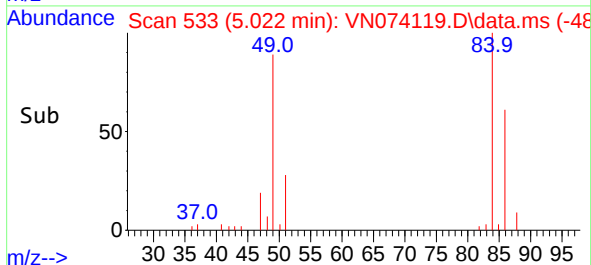
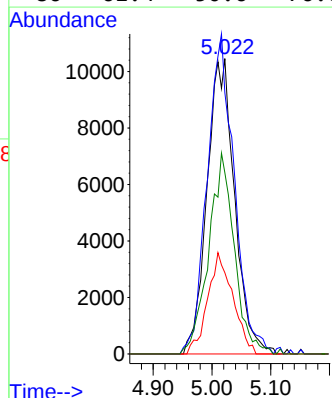
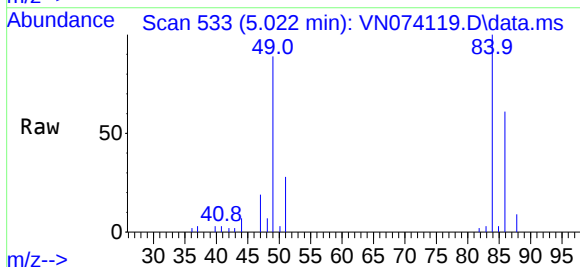
Ion Ratio Lower Upper

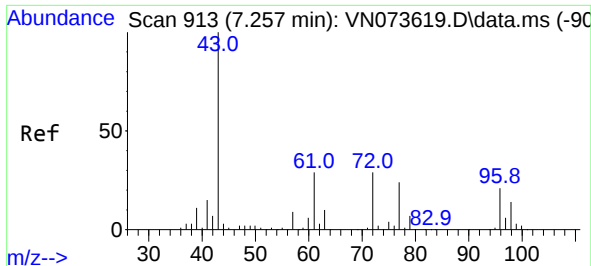
84 100

49 88.6 88.3 132.5

51 27.5 28.2 42.2#

86 61.4 50.6 76.0

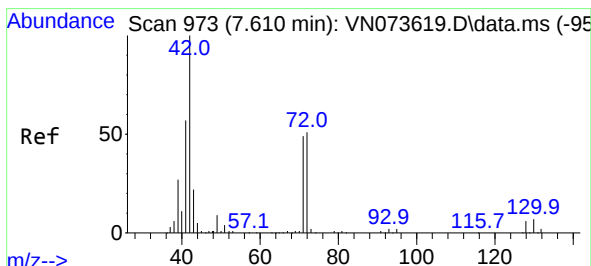
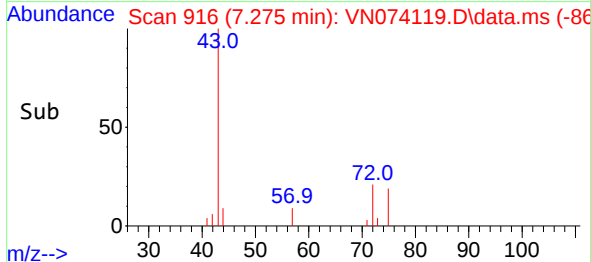
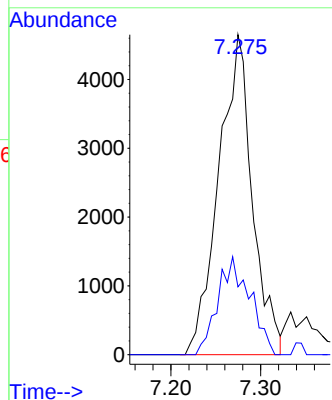
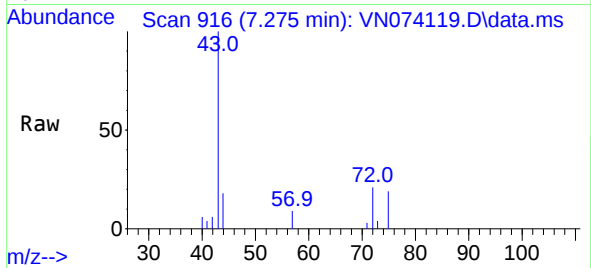




#25
2-Butanone
Concen: 2.679 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

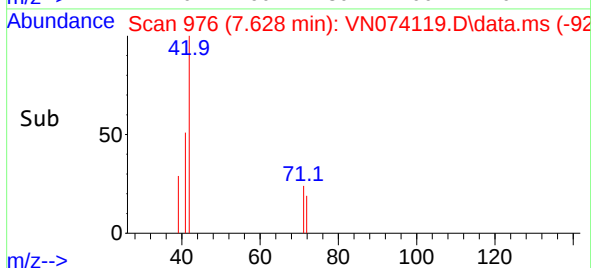
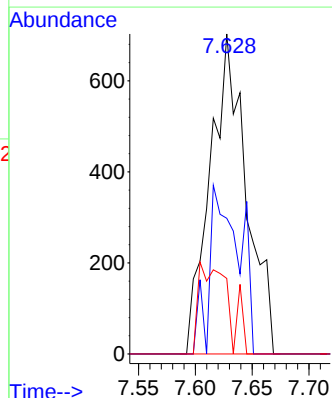
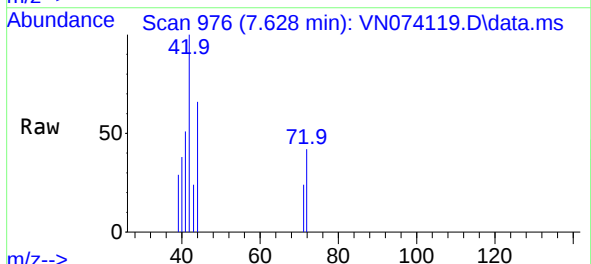
Instrument :
MSVOA_N
ClientSampleId :
337

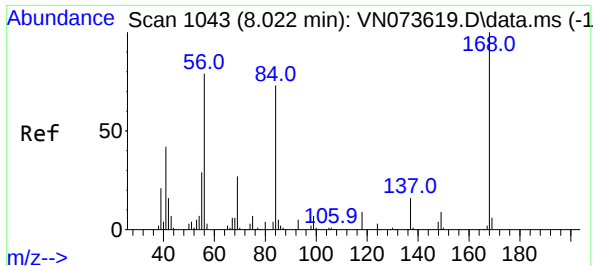
Tgt Ion: 43 Resp: 12098
Ion Ratio Lower Upper
43 100
72 21.2 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.539 ug/l
RT: 7.628 min Scan# 976
Delta R.T. 0.018 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Tgt Ion: 42 Resp: 1562
Ion Ratio Lower Upper
42 100
72 43.4 39.7 59.5
71 0.0 36.6 55.0#

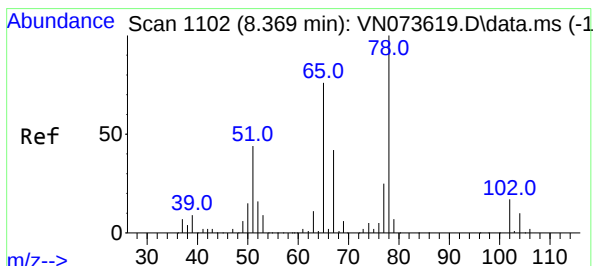
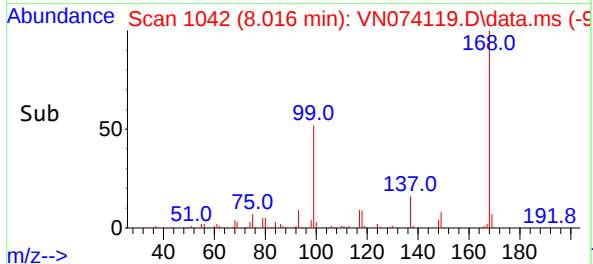
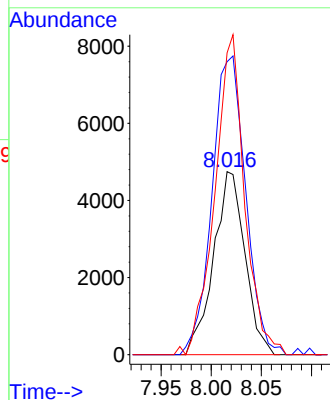
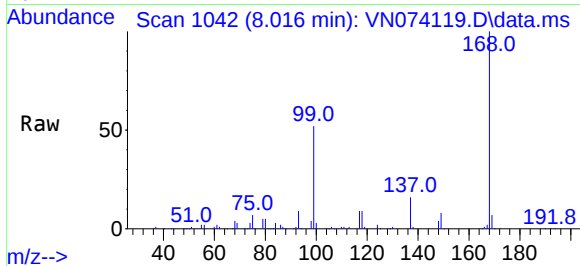




#31
Cyclohexane
Concen: 1.224 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

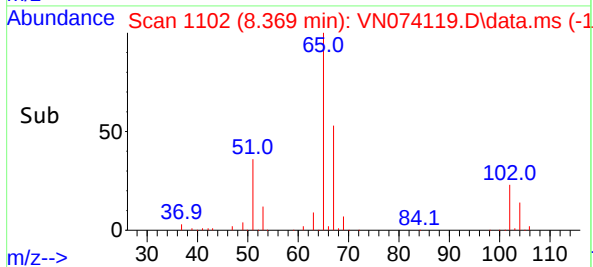
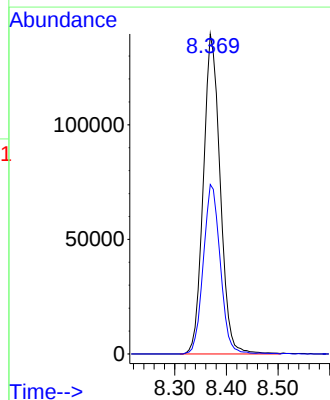
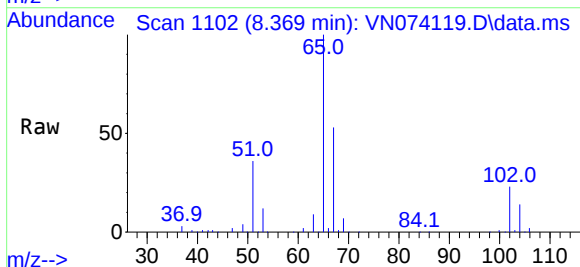
Instrument :
MSVOA_N
ClientSampleId :
337

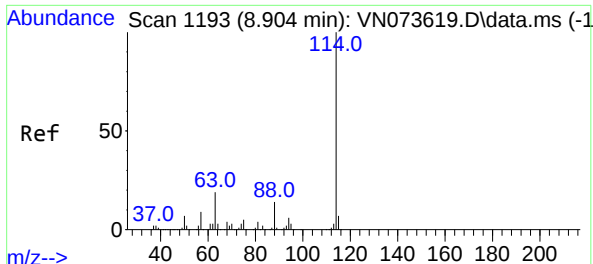
Tgt Ion: 56 Resp: 10306
Ion Ratio Lower Upper
56 100
69 160.1 27.8 41.8#
84 160.4 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 52.359 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Tgt Ion: 65 Resp: 316125
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074119.D

Acq: 25 Aug 2022 17:13

Instrument :

MSVOA_N

ClientSampleId :

337

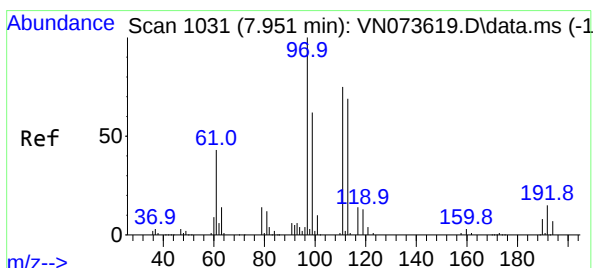
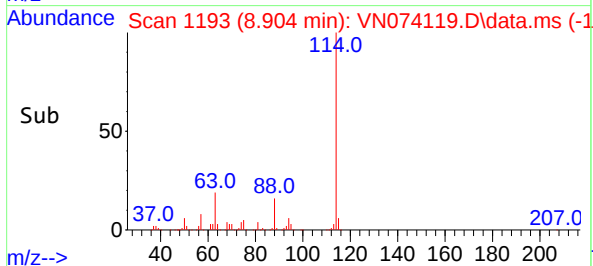
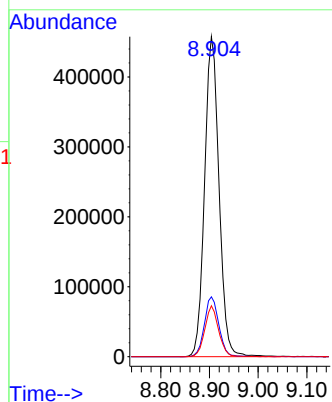
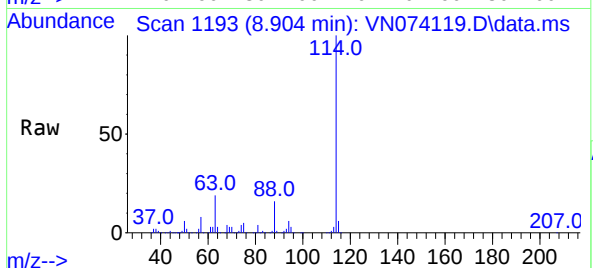
Tgt Ion:114 Resp: 938657

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.437 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074119.D

Acq: 25 Aug 2022 17:13

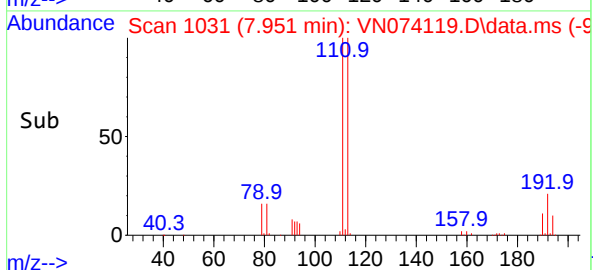
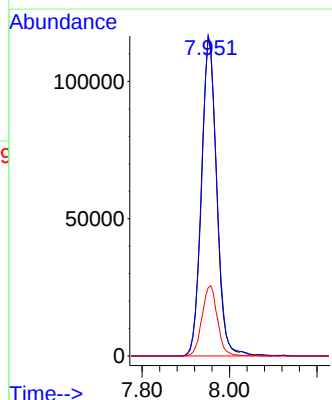
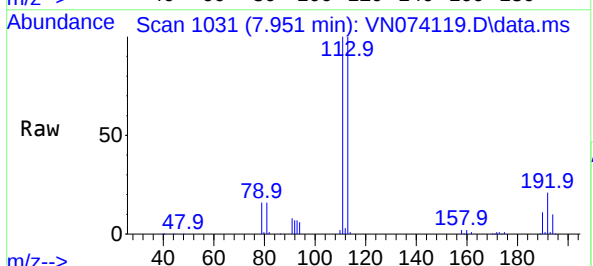
Tgt Ion:113 Resp: 279984

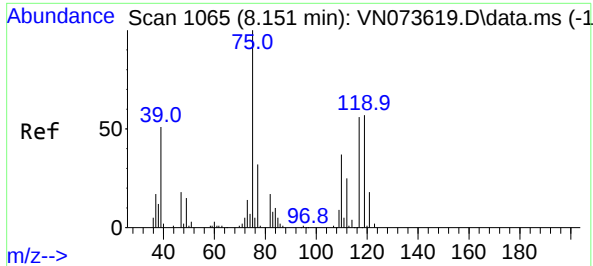
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 22.4 17.0 25.6



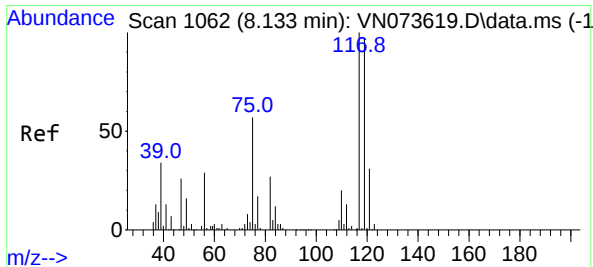
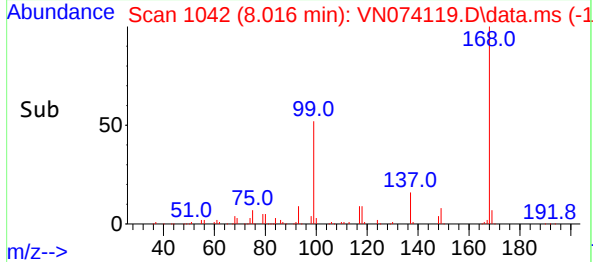
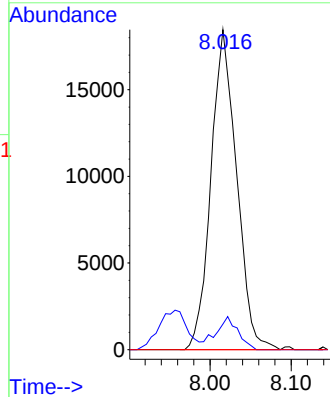
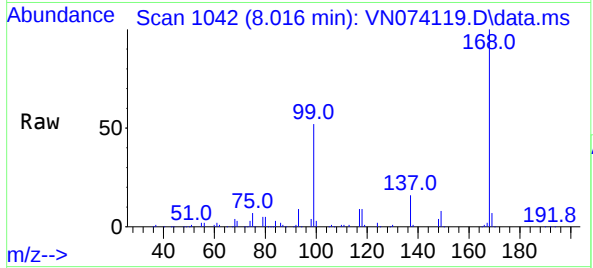


#36
1,1-Dichloropropene
Concen: 5.257 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Instrument :
MSVOA_N
ClientSampleId :
337

Tgt Ion: 75 Resp: 40537

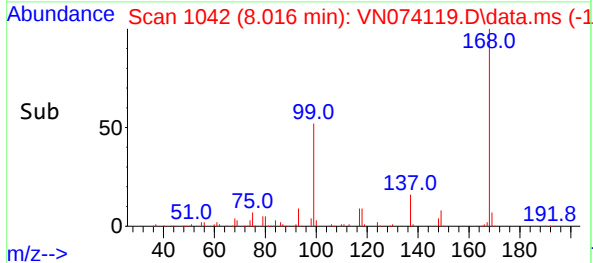
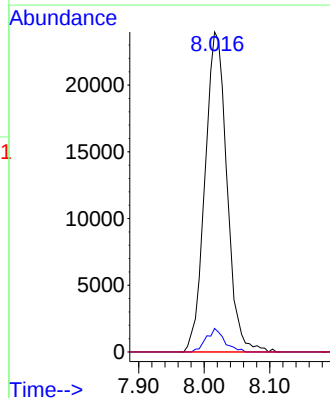
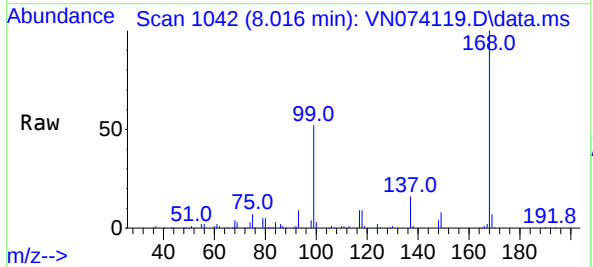
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.3	54.8#
77	0.0	25.1	37.7#

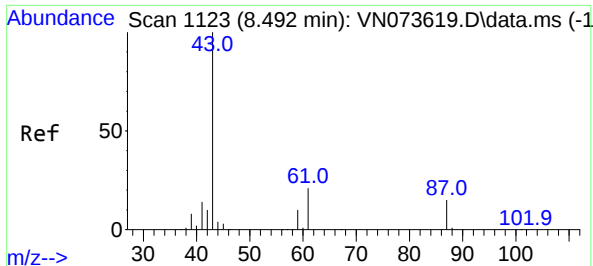


#38
Carbon Tetrachloride
Concen: 6.336 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Tgt Ion: 117 Resp: 55842

Ion	Ratio	Lower	Upper
117	100		
119	7.3	75.8	113.8#
121	0.0	24.6	37.0#

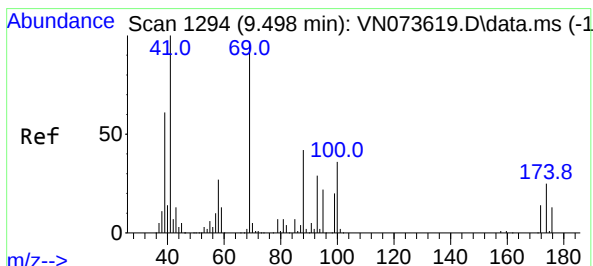
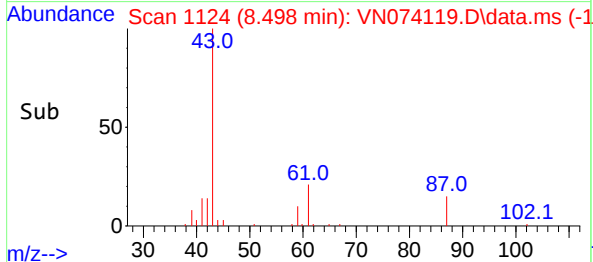
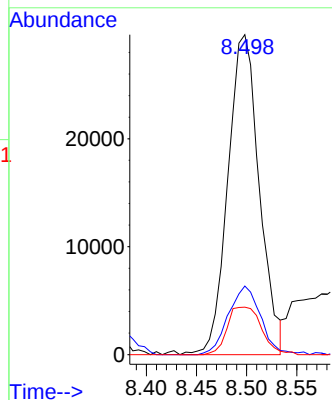
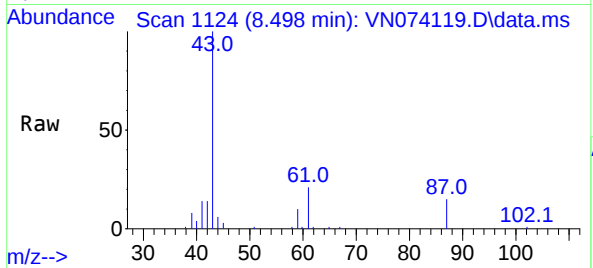




#43
Isopropyl Acetate
Concen: 4.867 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

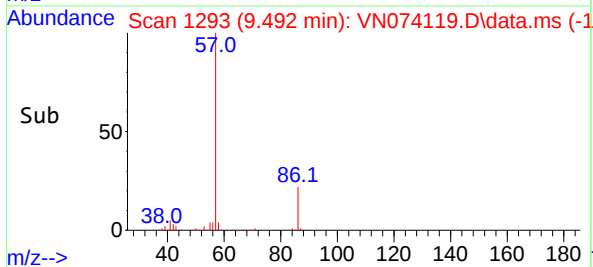
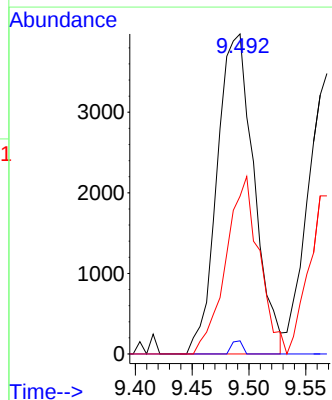
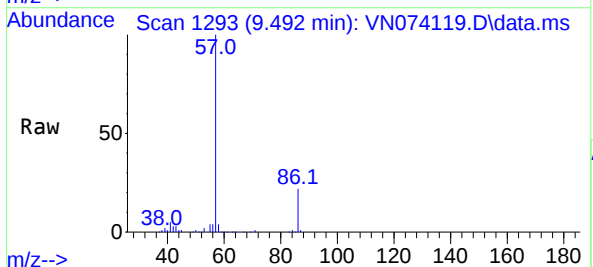
Instrument :
MSVOA_N
ClientSampleId :
337

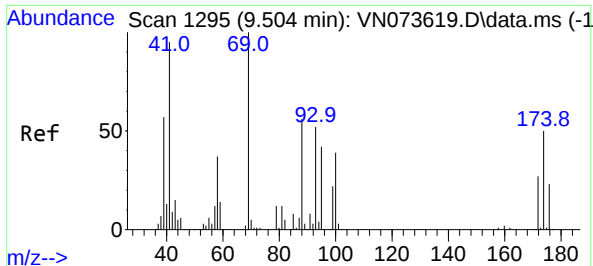
Tgt Ion: 43 Resp: 64760
Ion Ratio Lower Upper
43 100
61 22.2 21.9 32.9
87 16.2 12.0 18.0



#48
Methyl methacrylate
Concen: 1.573 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Tgt Ion: 41 Resp: 8957
Ion Ratio Lower Upper
41 100
69 1.2 74.7 112.1#
39 50.2 45.6 68.4

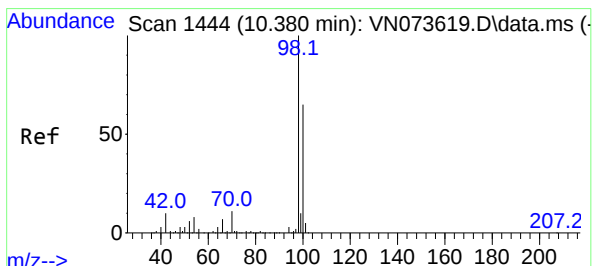
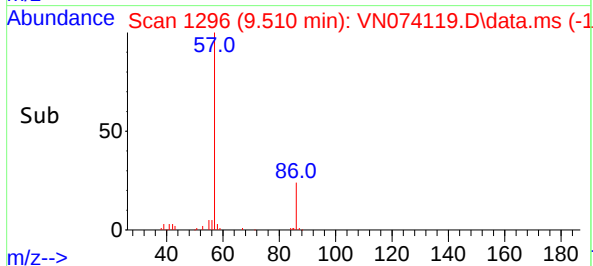
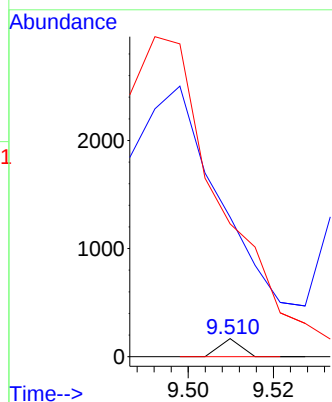
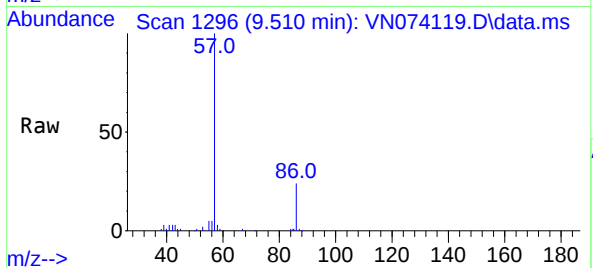




#49
1,4-Dioxane
Concen: 0.348 ug/l
RT: 9.510 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

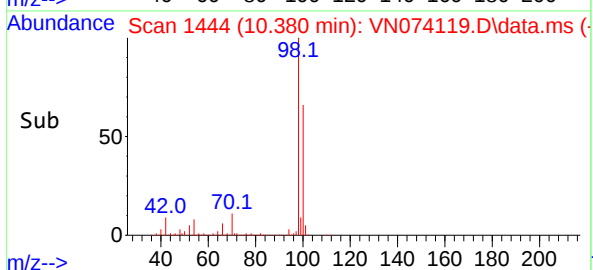
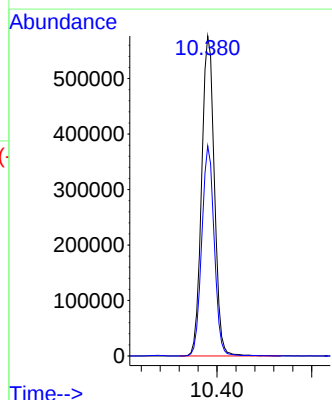
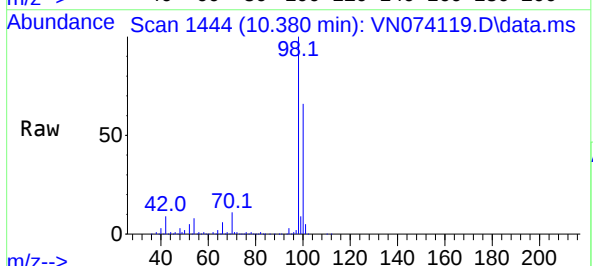
Instrument :
MSVOA_N
ClientSampleId :
337

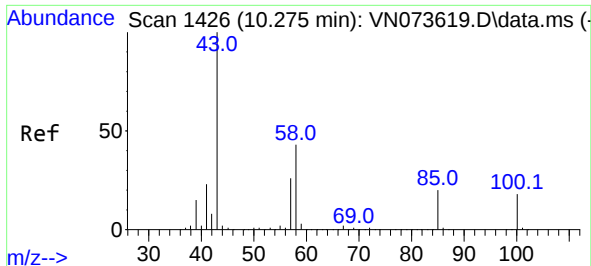
Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 6564.4 20.2 30.4#
58 9215.3 54.2 81.4#



#50
Toluene-d8
Concen: 49.873 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Tgt Ion: 98 Resp: 1072221
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

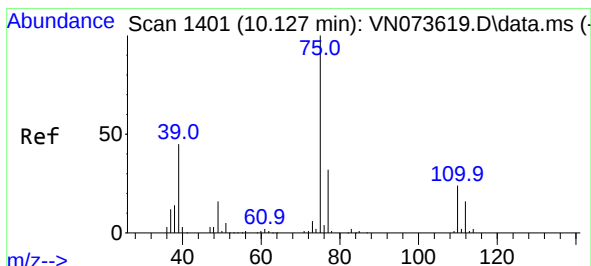
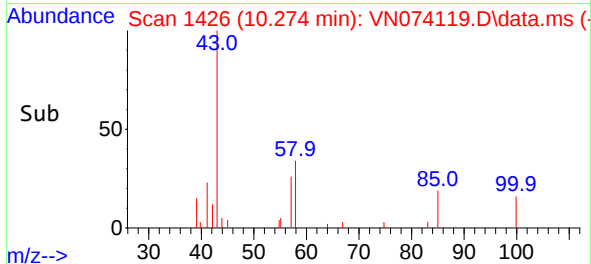
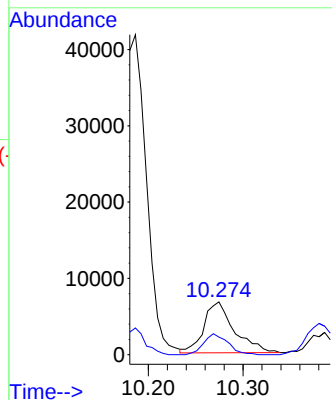
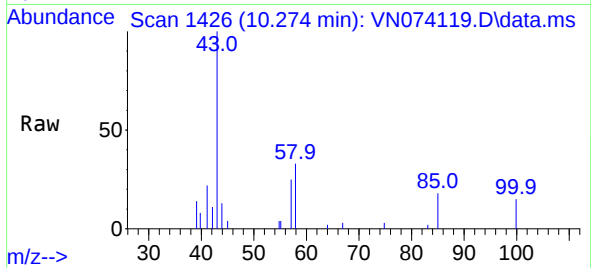




#51
4-Methyl-2-Pentanone
Concen: 1.653 ug/l
RT: 10.274 min Scan# 1426
Delta R.T. -0.001 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

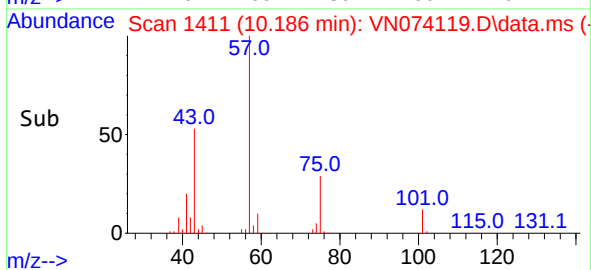
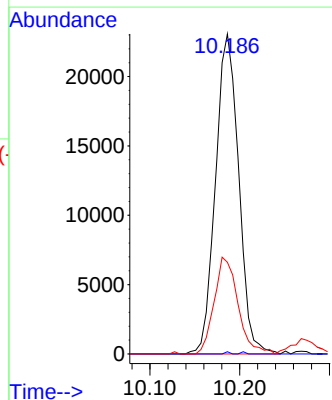
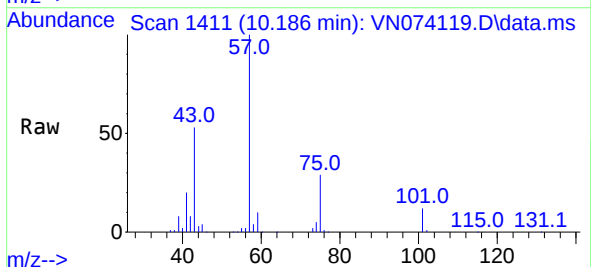
Instrument :
MSVOA_N
ClientSampleId :
337

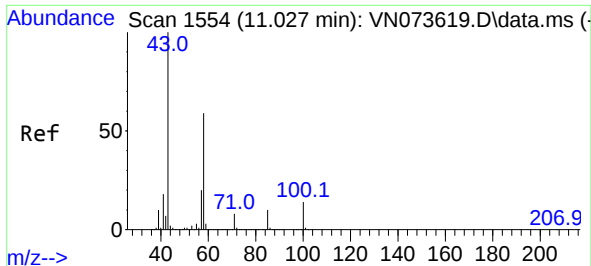
Tgt Ion: 43 Resp: 14870
Ion Ratio Lower Upper
43 100
58 32.8 34.1 51.1#



#54
cis-1,3-Dichloropropene
Concen: 4.240 ug/l
RT: 10.186 min Scan# 1411
Delta R.T. 0.059 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Tgt Ion: 75 Resp: 41260
Ion Ratio Lower Upper
75 100
77 0.7 25.2 37.8#
39 28.6 35.7 53.5#

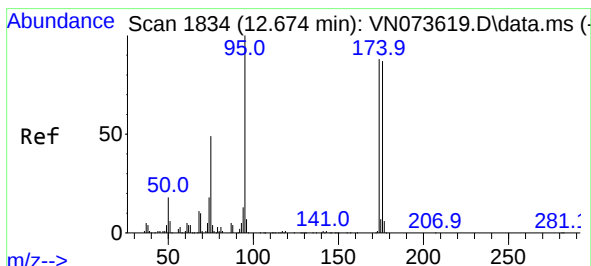
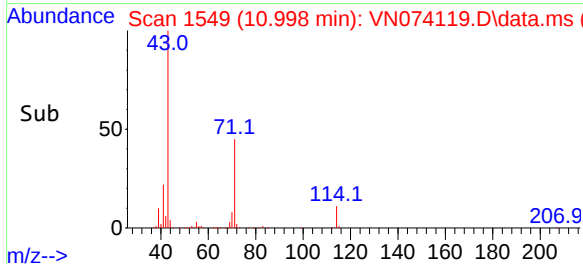
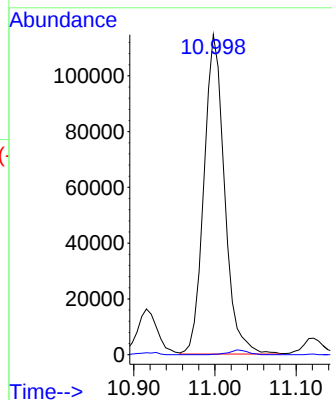
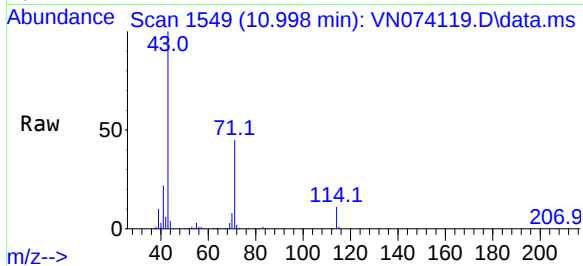




#59
2-Hexanone
Concen: 29.204 ug/l
RT: 10.998 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

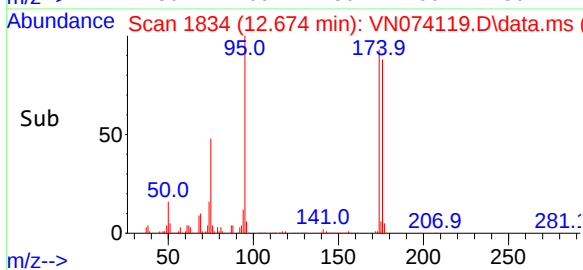
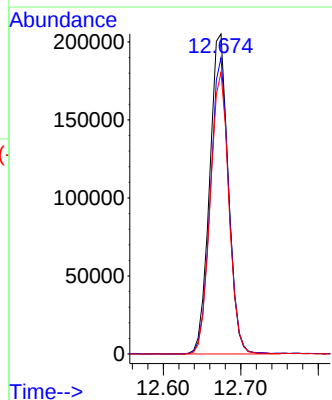
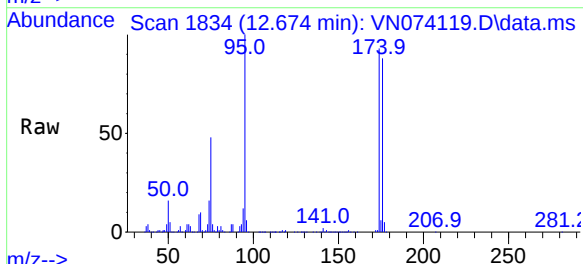
Instrument :
MSVOA_N
ClientSampleId :
337

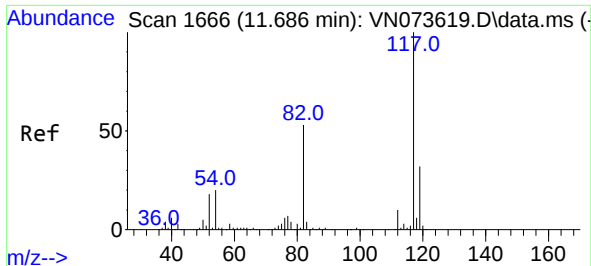
Tgt Ion: 43 Resp: 202212
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 48.074 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

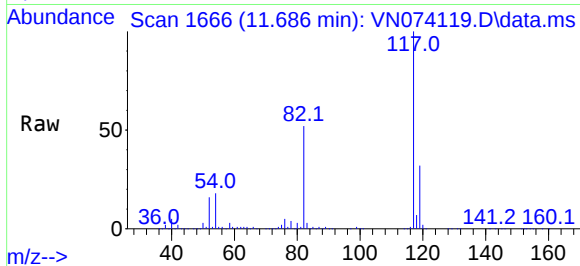
Tgt Ion: 95 Resp: 343016
Ion Ratio Lower Upper
95 100
174 91.1 0.0 167.6
176 87.2 0.0 163.4



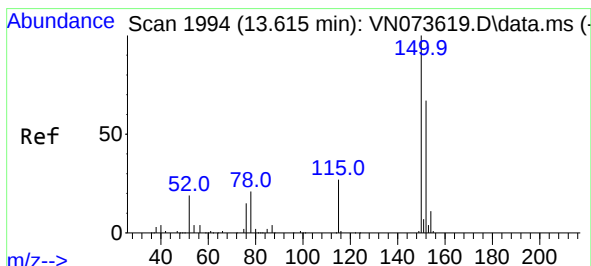
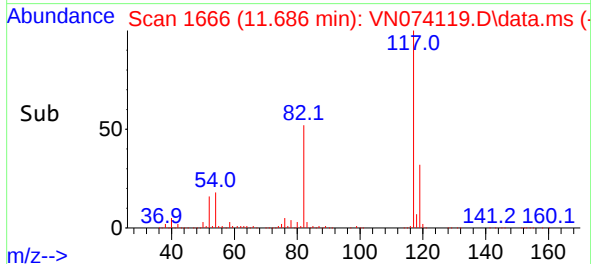
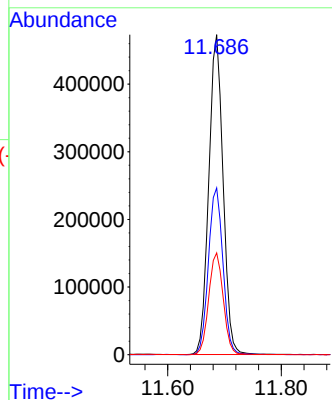


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Instrument :
MSVOA_N
ClientSampleId :
337

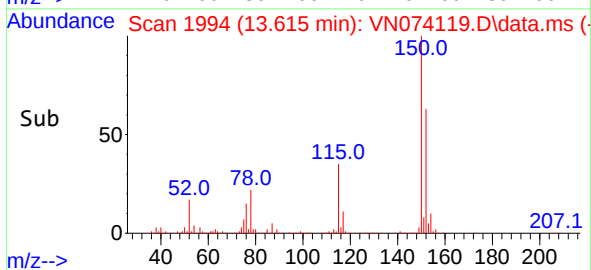
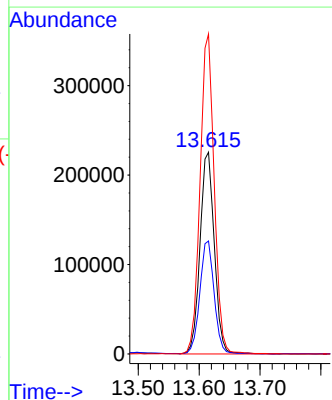
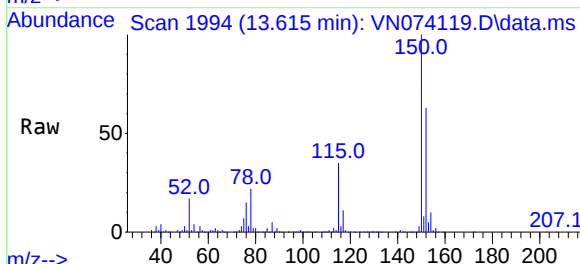


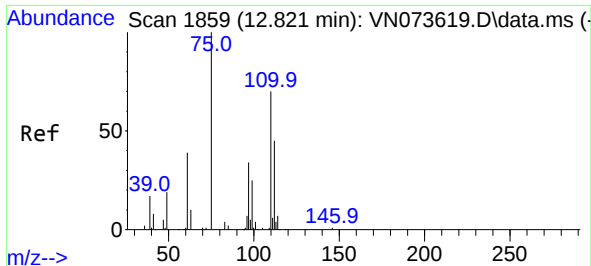
Tgt Ion:117 Resp: 822249
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Tgt Ion:152 Resp: 367417
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 156.6 0.0 356.2

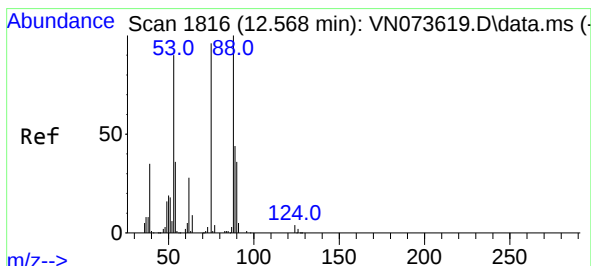
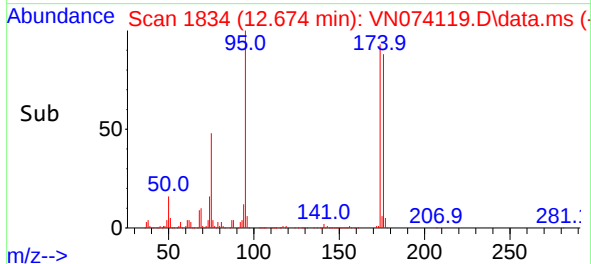
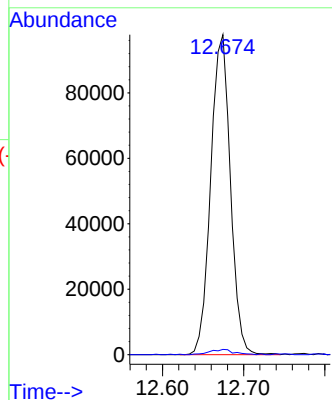
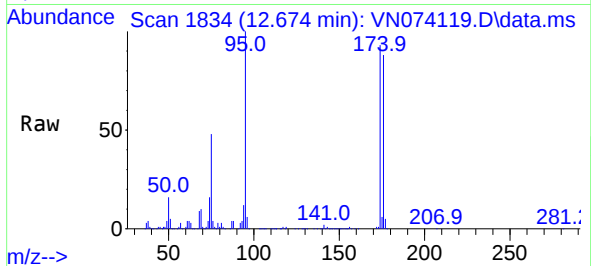




#76
1,2,3-Trichloropropane
Concen: 21.514 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Instrument :
MSVOA_N
ClientSampleId :
337

Tgt Ion: 75 Resp: 164297
Ion Ratio Lower Upper
75 100
77 2.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.190 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074119.D
Acq: 25 Aug 2022 17:13

Tgt Ion: 75 Resp: 164297
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#

