

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070761.D
 Acq On : 24 Jan 2022 17:36
 Operator : JC/MD
 Sample : N1235-04ME
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Jan 24 23:33:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

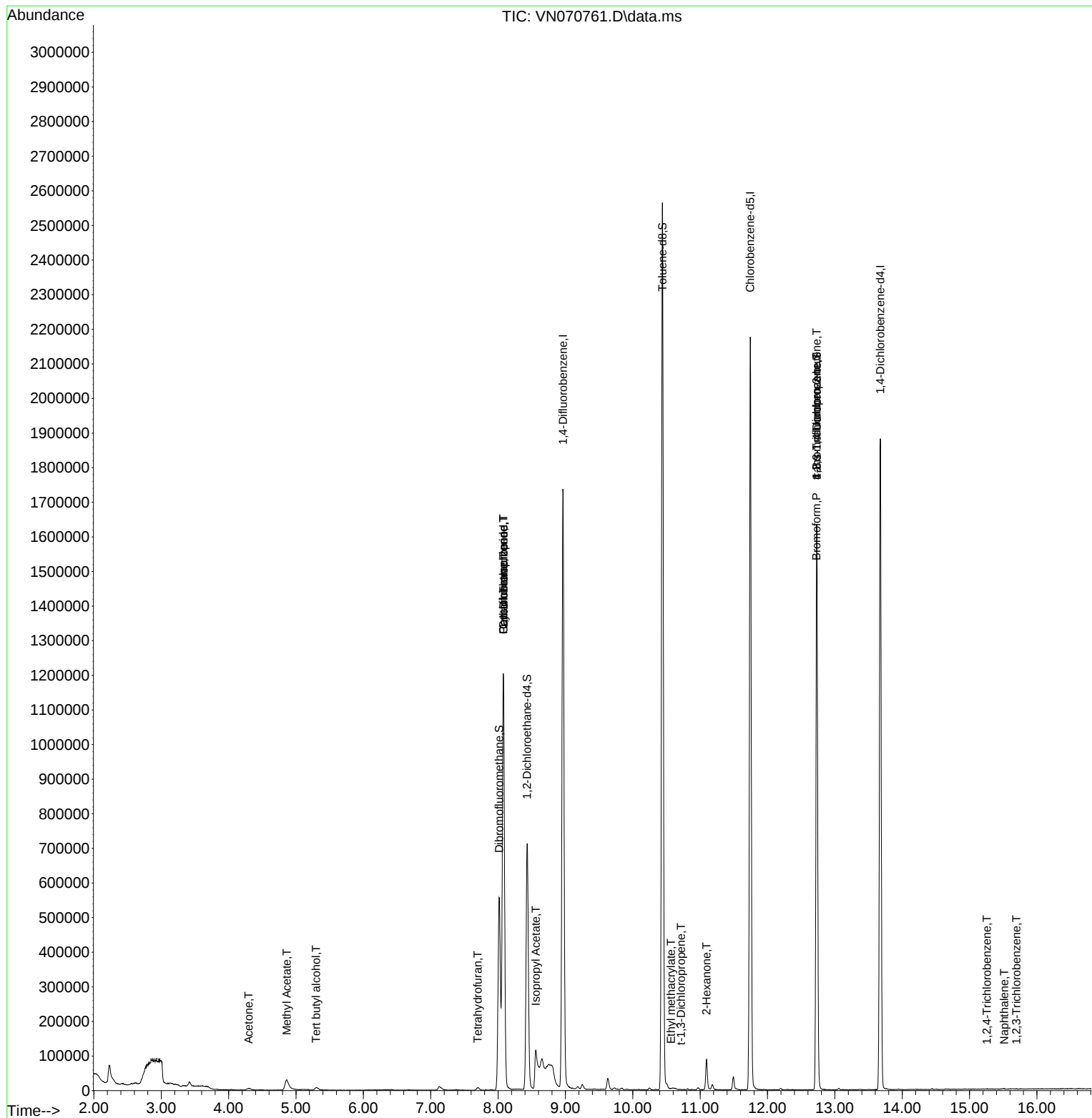
Internal Standards						
1) Pentafluorobenzene	8.080	168	926936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1501787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1232424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	515337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	629894	47.416	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.840%
35) Dibromofluoromethane	8.016	113	424778	45.599	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.200%
50) Toluene-d8	10.440	98	1815724	46.267	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.731	95	584617	41.805	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.299	59	4322	1.803	ug/l #	71
16) Acetone	4.296	43	2009	0.218	ug/l	96
18) Methyl Acetate	4.862	43	83932	4.629	ug/l #	83
29) Tetrahydrofuran	7.697	42	3653	0.514	ug/l	93
30) Chloroform	7.820	83	1228	Below Cal		87
31) Cyclohexane	8.078	56	20309	0.868	ug/l #	2
36) 1,1-Dichloropropene	8.078	75	77315	4.930	ug/l #	47
38) Carbon Tetrachloride	8.080	117	92484	6.629	ug/l #	16
43) Isopropyl Acetate	8.560	43	134826	4.240	ug/l #	56
53) t-1,3-Dichloropropene	10.717	75	25	2.405	ug/l #	43
56) Ethyl methacrylate	10.569	69	113	2.307	ug/l #	15
59) 2-Hexanone	11.095	43	14598	0.990	ug/l #	54
71) Bromoform	12.725	173	1926	0.277	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	309528	22.646	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	309528	67.466	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.257	180	252	3.450	ug/l #	58
95) Naphthalene	15.515	128	1856	5.011	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.694	180	321	3.249	ug/l	82

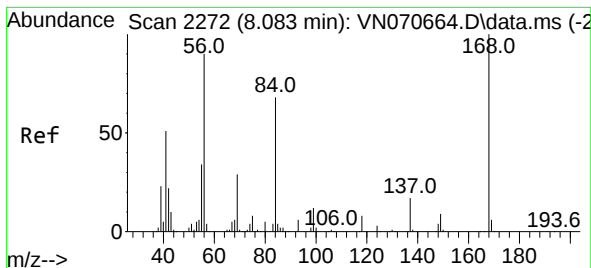
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.080 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070761.D

Acq: 24 Jan 2022 17:36

Instrument :

MSVOA_N

ClientSampleId :

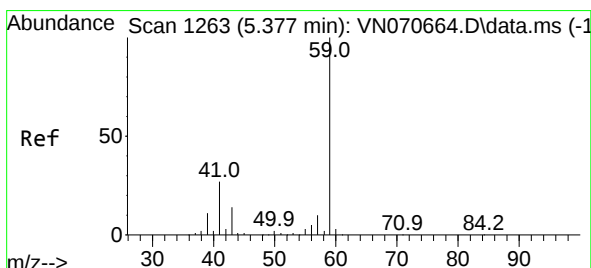
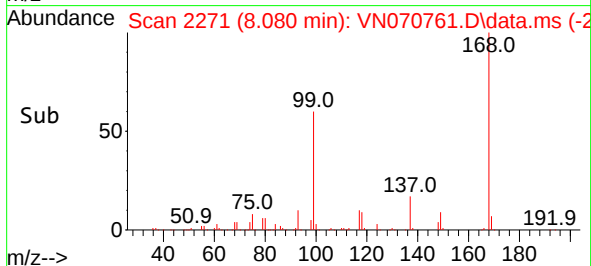
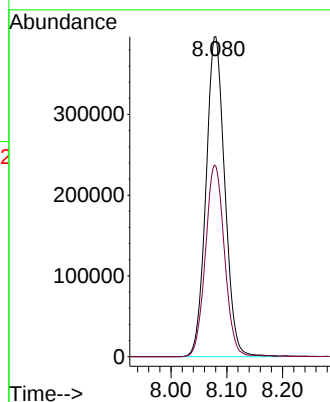
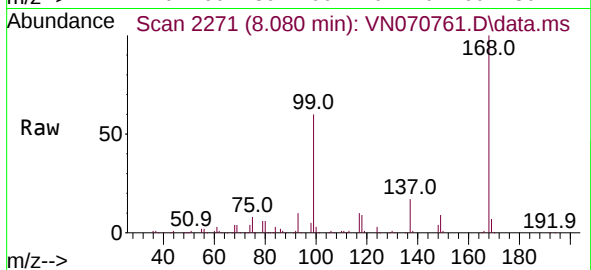
TP-2

Tgt Ion:168 Resp: 926936

Ion Ratio Lower Upper

168 100

99 59.5 41.3 61.9



#11

Tert butyl alcohol

Concen: 1.803 ug/l

RT: 5.299 min Scan# 1234

Delta R.T. -0.078 min

Lab File: VN070761.D

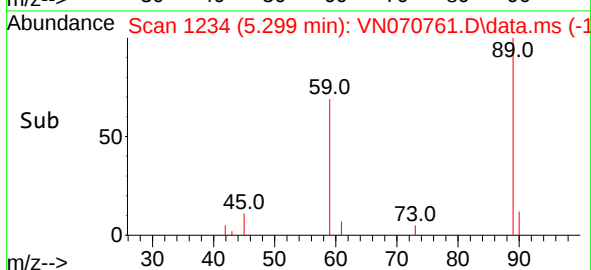
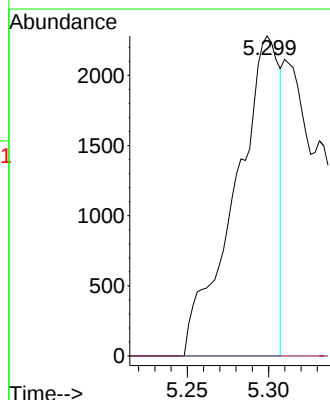
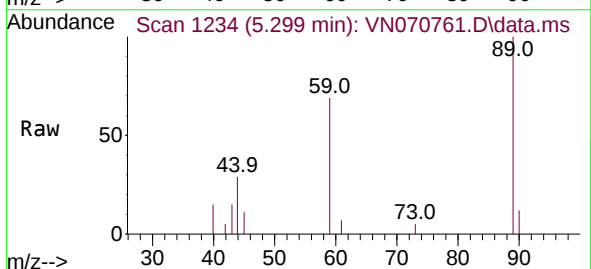
Acq: 24 Jan 2022 17:36

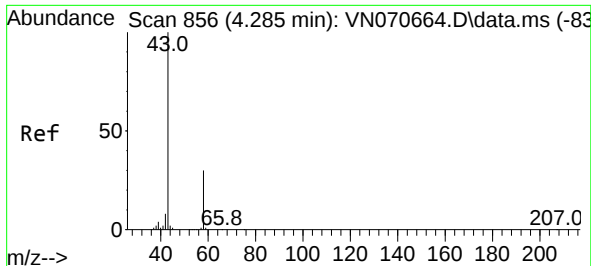
Tgt Ion: 59 Resp: 4322

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#

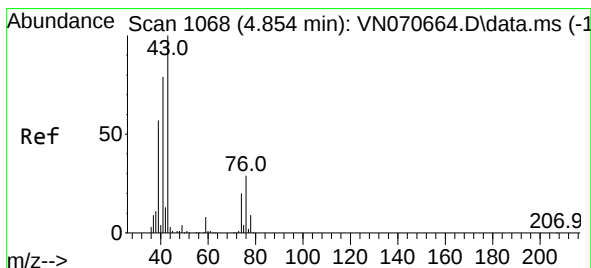
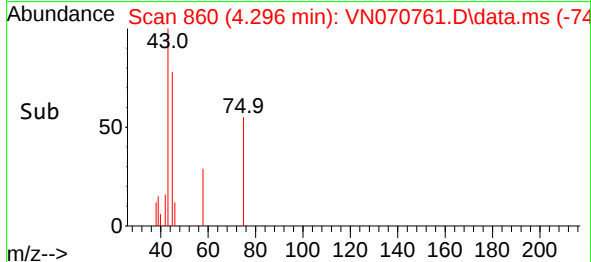
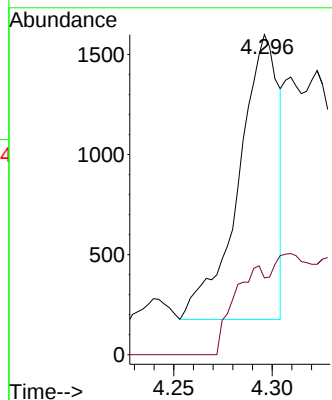
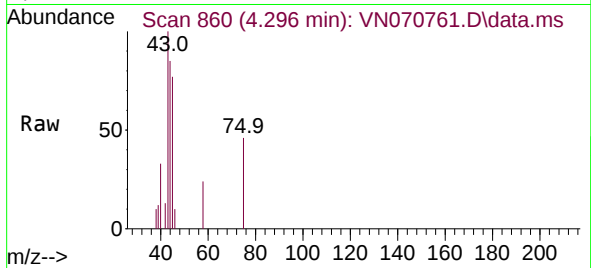




#16
Acetone
Concen: 0.218 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

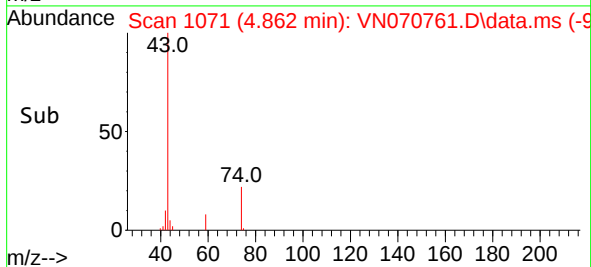
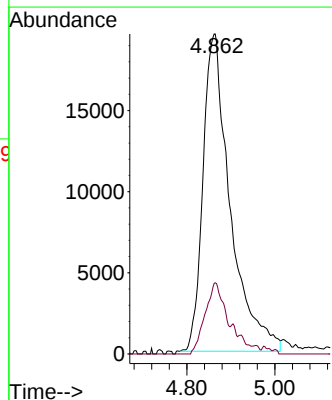
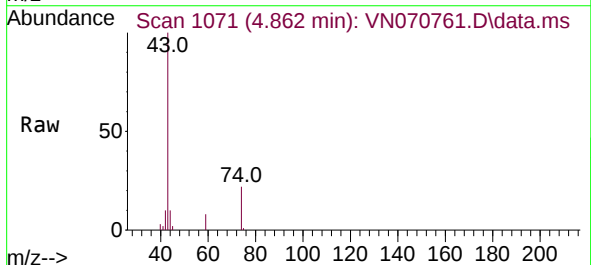
Instrument :
MSVOA_N
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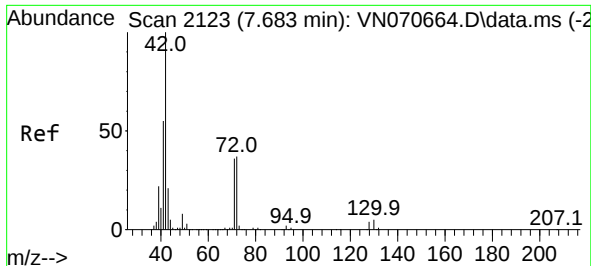
Tgt Ion: 43 Resp: 2009
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7



#18
Methyl Acetate
Concen: 4.629 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

Tgt Ion: 43 Resp: 83932
Ion Ratio Lower Upper
43 100
74 15.7 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.514 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

Lab File: VN070761.D

Acq: 24 Jan 2022 17:36

Instrument :

MSVOA_N

ClientSampleId :

TP-2

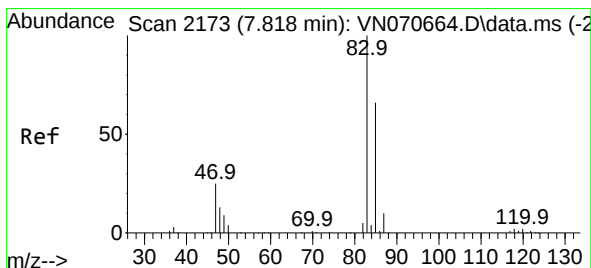
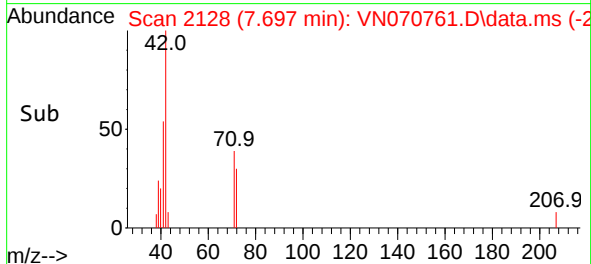
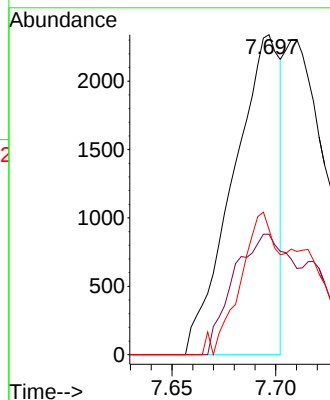
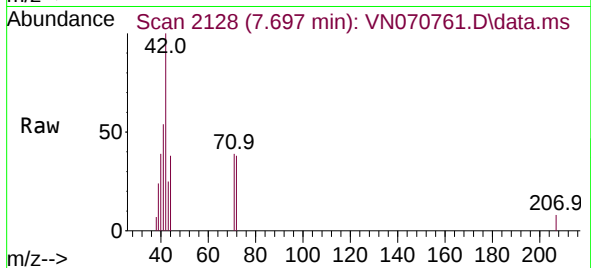
Tgt Ion: 42 Resp: 3653

Ion Ratio Lower Upper

42 100

72 45.8 36.3 54.5

71 34.8 34.7 52.1



#30

Chloroform

Concen: Below Cal

RT: 7.820 min Scan# 2174

Delta R.T. 0.002 min

Lab File: VN070761.D

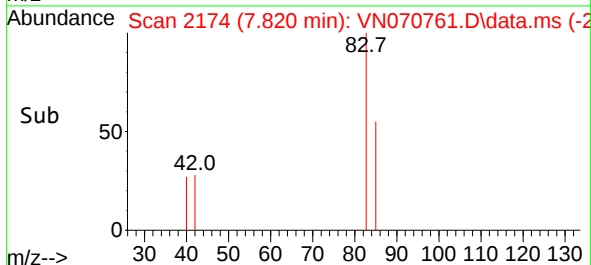
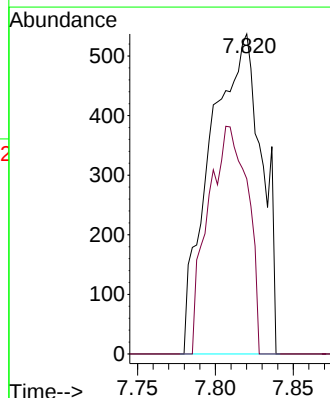
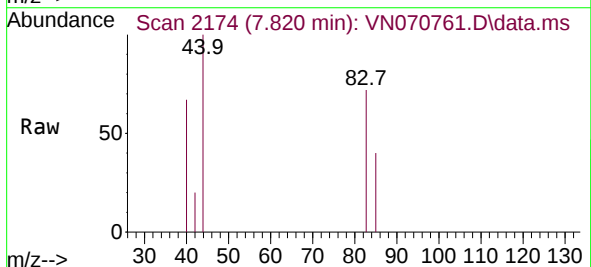
Acq: 24 Jan 2022 17:36

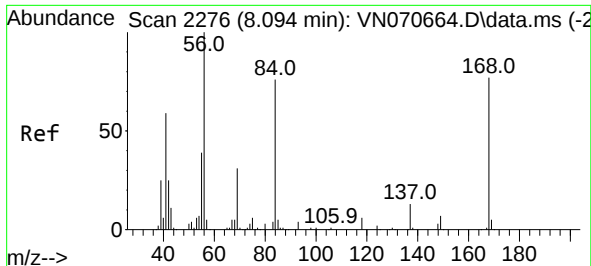
Tgt Ion: 83 Resp: 1228

Ion Ratio Lower Upper

83 100

85 54.7 51.9 77.9

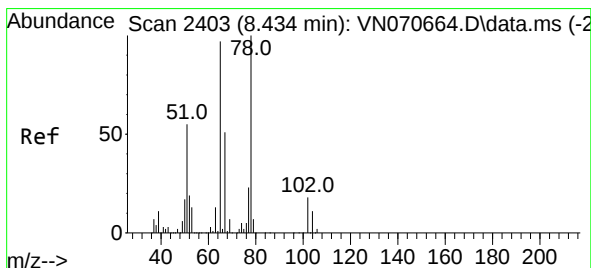
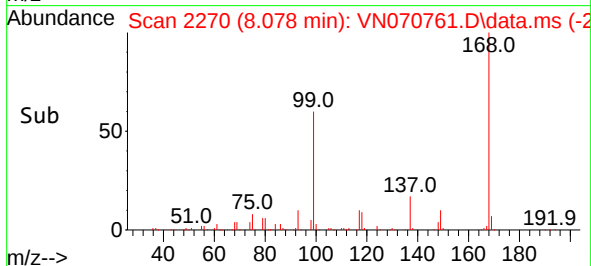
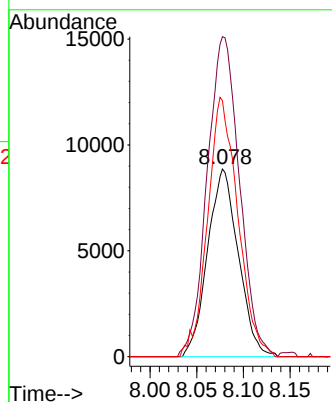
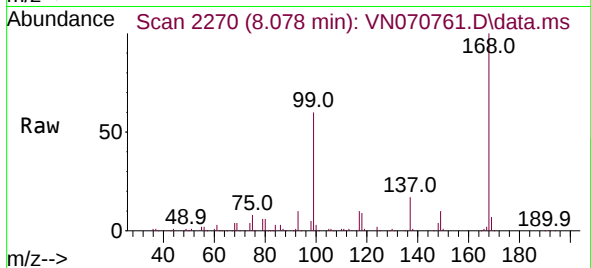




#31
Cyclohexane
Concen: 0.868 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.016 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

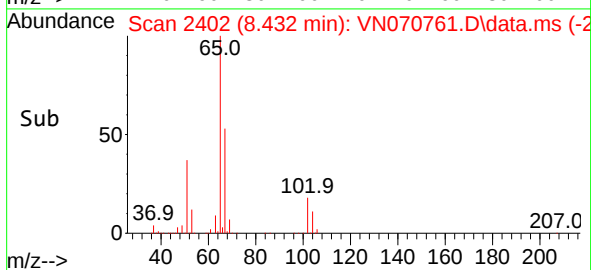
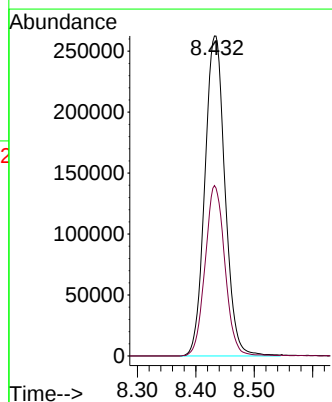
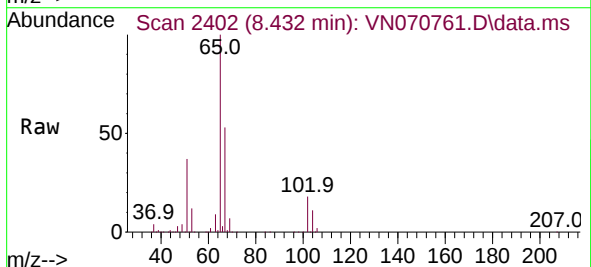
Instrument :
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ClientSampleId :
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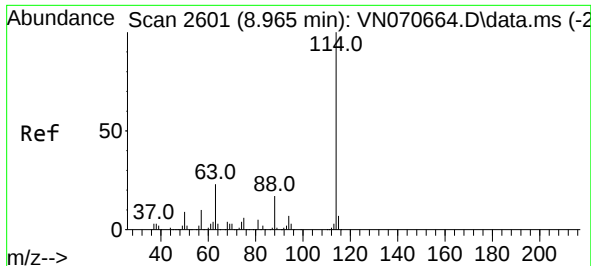
Tgt Ion: 56 Resp: 20309
Ion Ratio Lower Upper
56 100
69 168.7 27.1 40.7#
84 136.4 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 47.416 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.002 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

Tgt Ion: 65 Resp: 629894
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

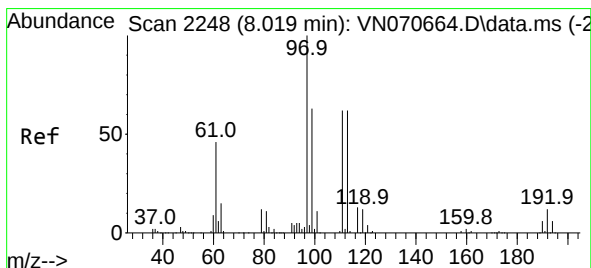
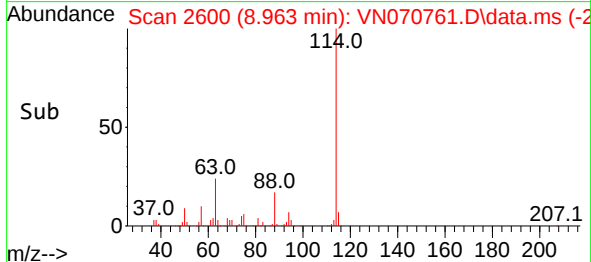
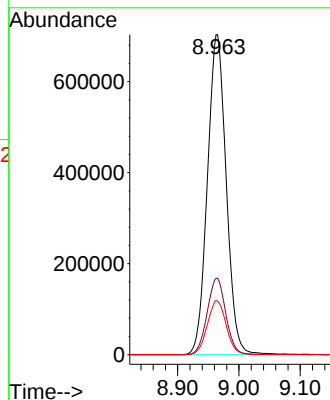
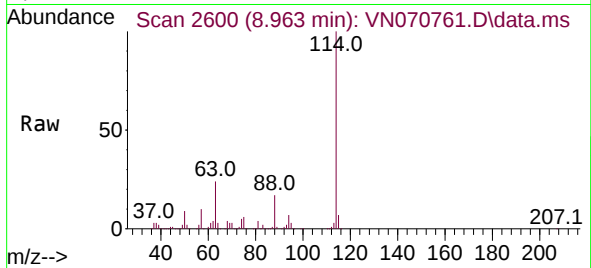




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2600
Delta R.T. -0.002 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

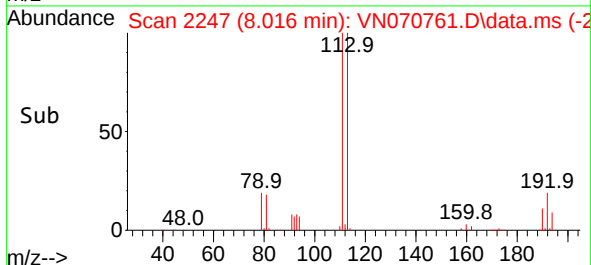
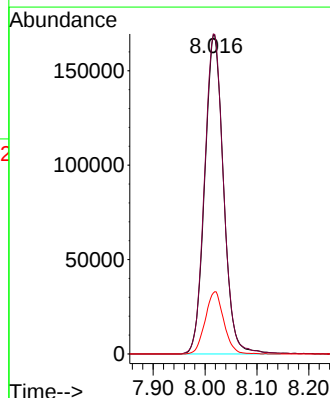
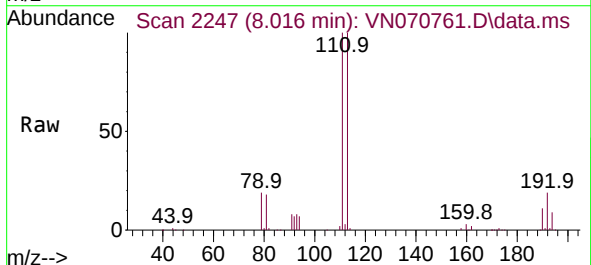
Instrument :
MSVOA_N
ClientSampleId :
TP-2

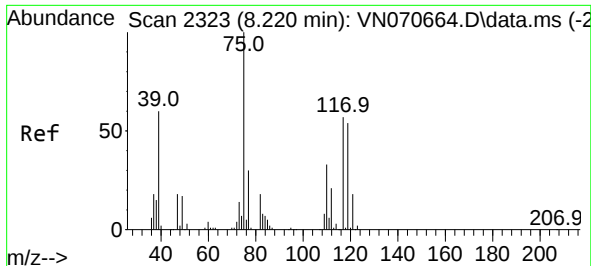
Tgt Ion:114 Resp: 1501787
Ion Ratio Lower Upper
114 100
63 23.9 0.0 37.8
88 16.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.599 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.003 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

Tgt Ion:113 Resp: 424778
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 19.3 16.9 25.3

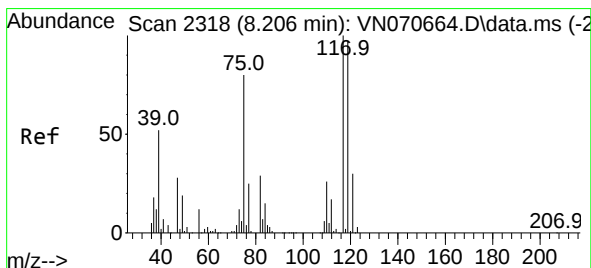
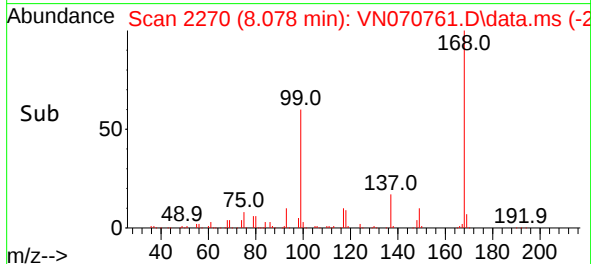
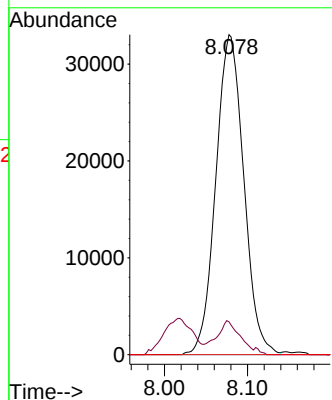
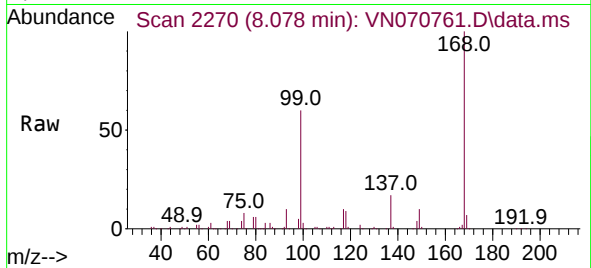




#36
1,1-Dichloropropene
Concen: 4.930 ug/l
RT: 8.078 min Scan# 211
Delta R.T. -0.142 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

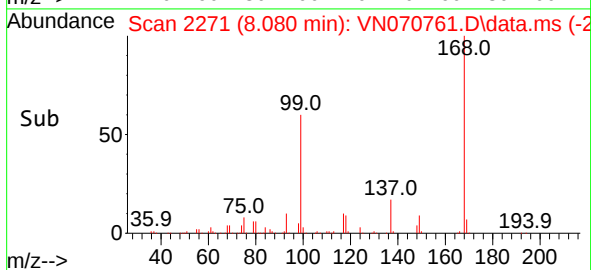
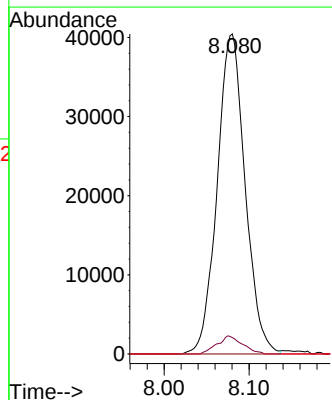
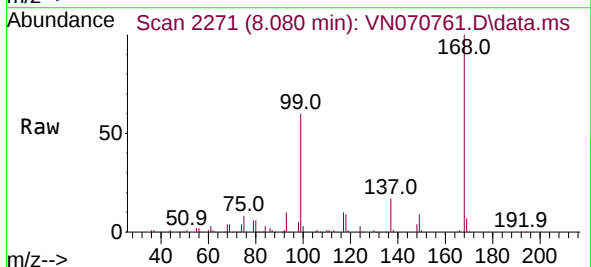
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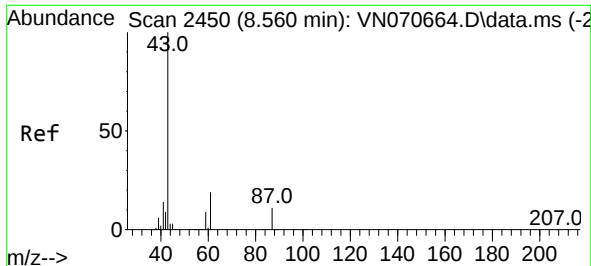
Tgt Ion: 75 Resp: 77315
Ion Ratio Lower Upper
75 100
110 7.2 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.629 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.126 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

Tgt Ion: 117 Resp: 92484
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#

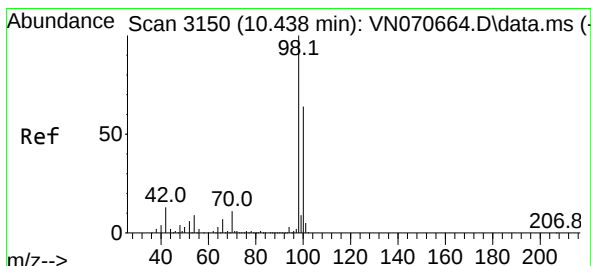
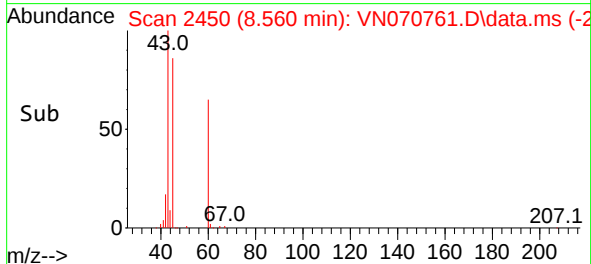
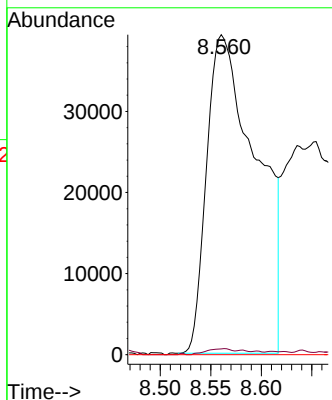
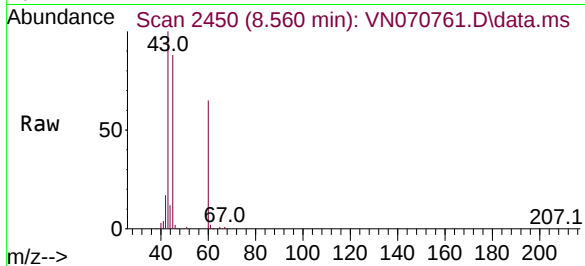




#43
Isopropyl Acetate
Concen: 4.240 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

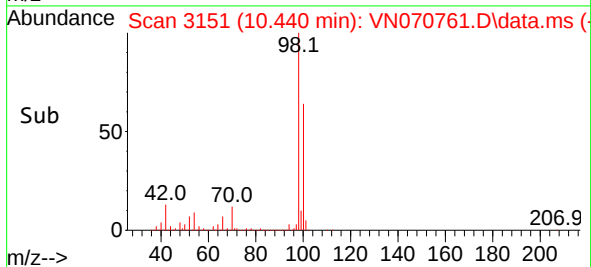
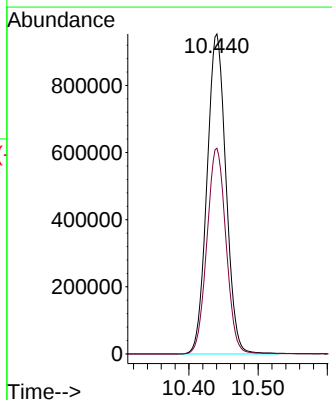
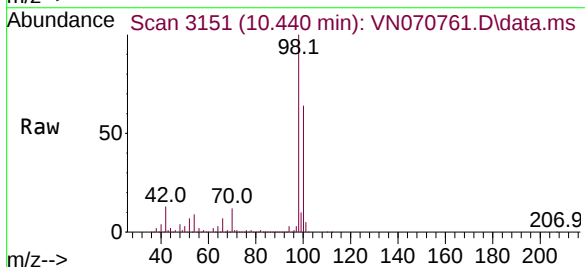
Instrument :
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TP-2

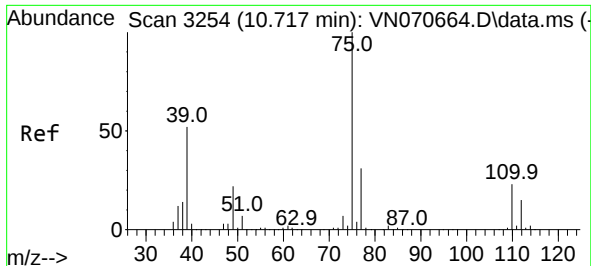
Tgt Ion: 43 Resp: 134826
Ion Ratio Lower Upper
43 100
61 1.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 46.267 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

Tgt Ion: 98 Resp: 1815724
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6

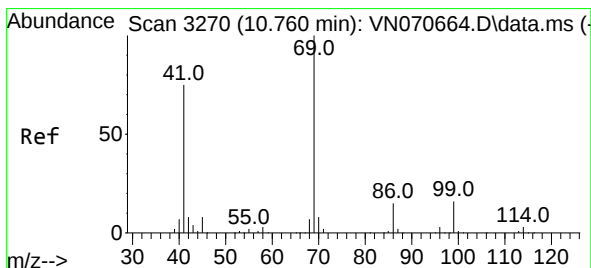
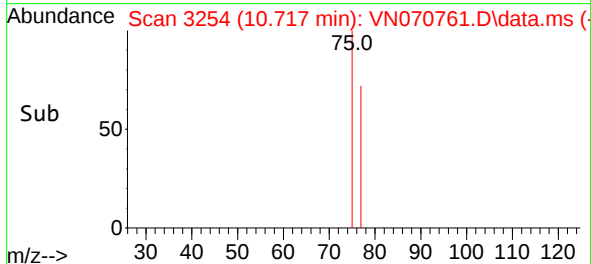
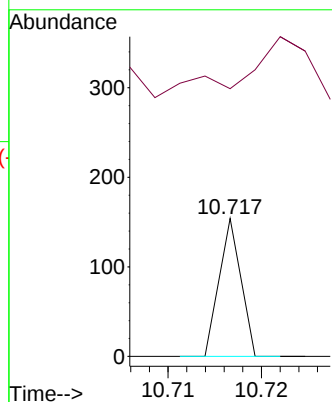
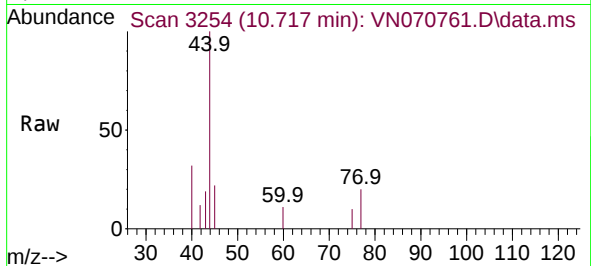




#53
t-1,3-Dichloropropene
Concen: 2.405 ug/l
RT: 10.717 min Scan# 3199
Delta R.T. -0.000 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

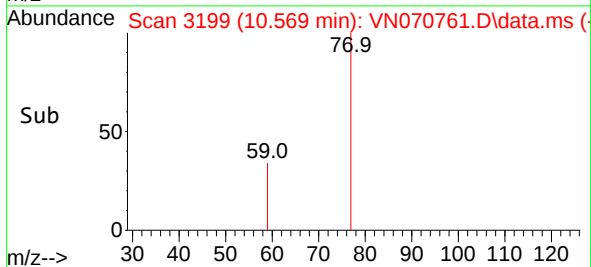
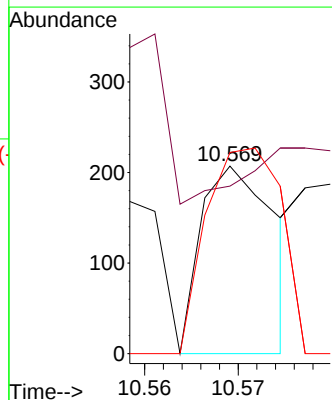
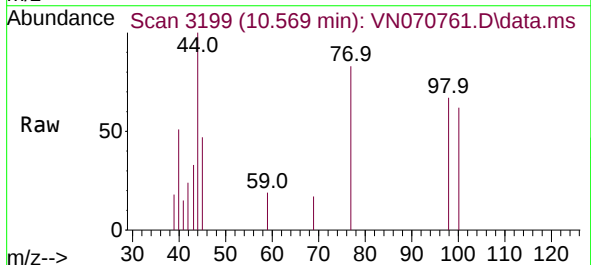
Instrument :
MSVOA_N
ClientSampleId :
TP-2

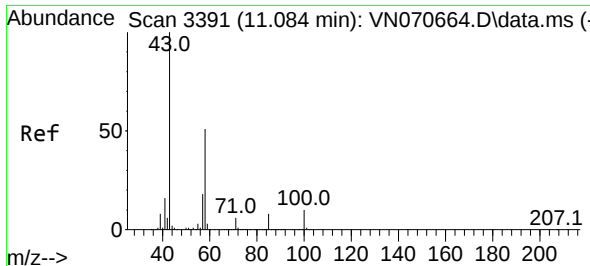
Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.307 ug/l
RT: 10.569 min Scan# 3199
Delta R.T. -0.191 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

Tgt Ion: 69 Resp: 113
Ion Ratio Lower Upper
69 100
41 119.5 51.4 77.0#
39 112.4 34.6 52.0#

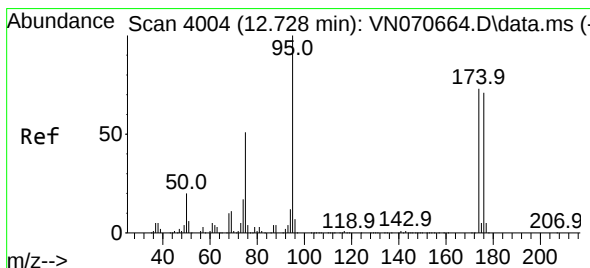
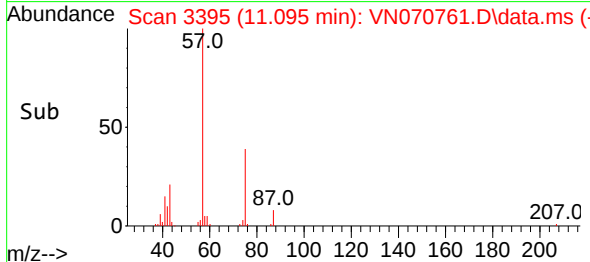
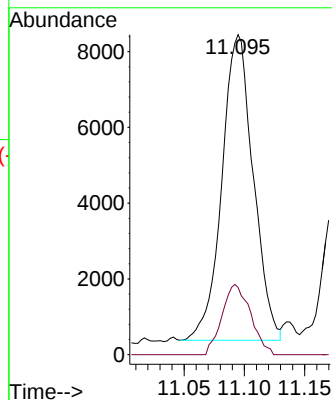
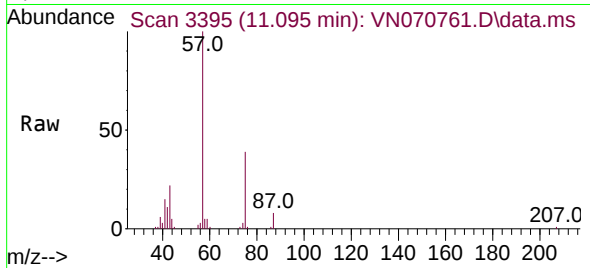




#59
2-Hexanone
Concen: 0.990 ug/l
RT: 11.095 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

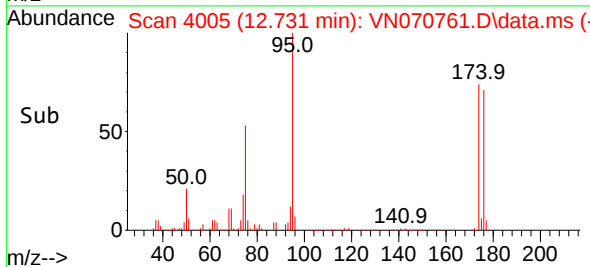
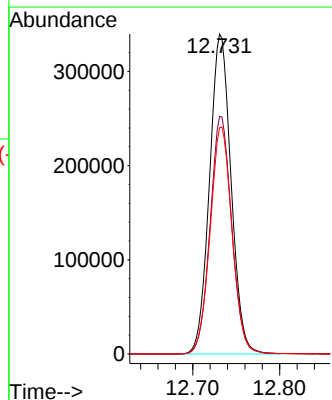
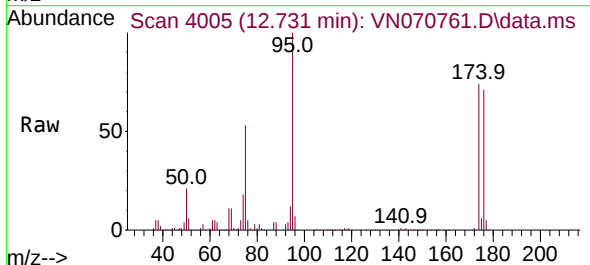
Instrument :
MSVOA_N
ClientSampleId :
TP-2

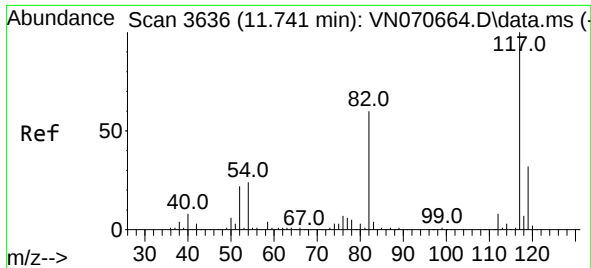
Tgt Ion: 43 Resp: 14598
Ion Ratio Lower Upper
43 100
58 20.9 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 41.805 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

Tgt Ion: 95 Resp: 584617
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 72.2 0.0 181.4

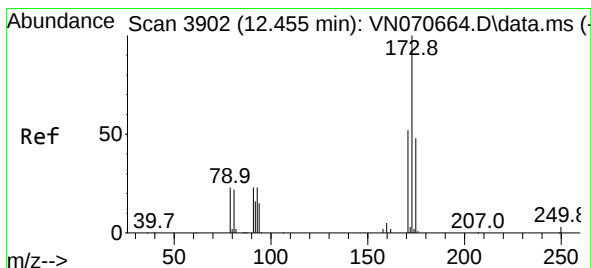
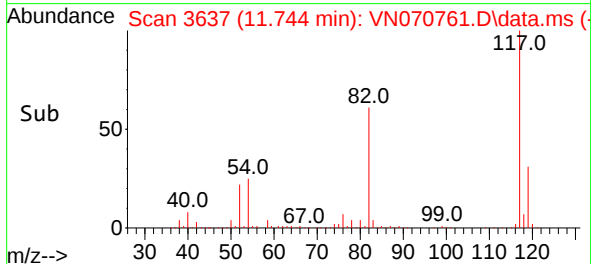
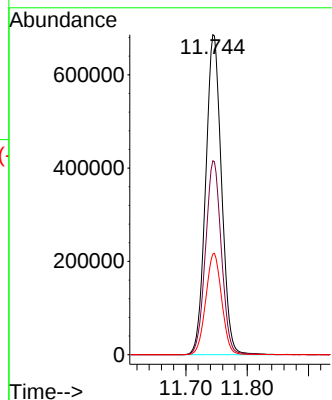
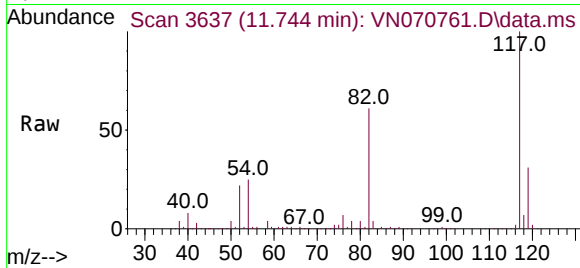




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

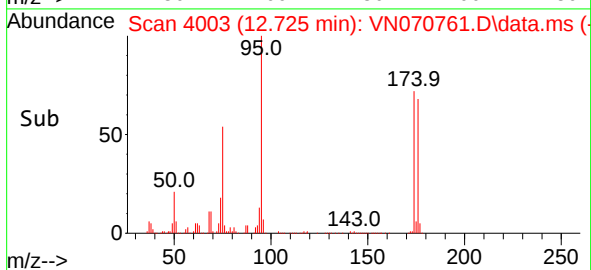
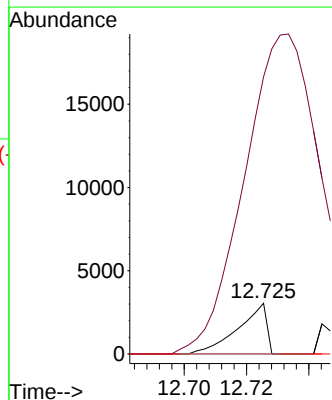
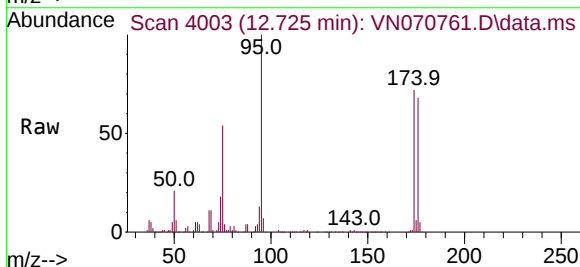
Instrument :
MSVOA_N
ClientSampleId :
TP-2

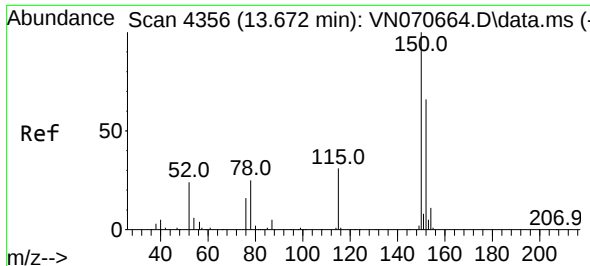
Tgt Ion:117 Resp: 1232424
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 31.5 25.4 38.2



#71
Bromoform
Concen: 0.277 ug/l
RT: 12.725 min Scan# 4003
Delta R.T. 0.270 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

Tgt Ion:173 Resp: 1926
Ion Ratio Lower Upper
173 100
175 1525.1 24.2 72.6#
254 0.0 0.0 0.0

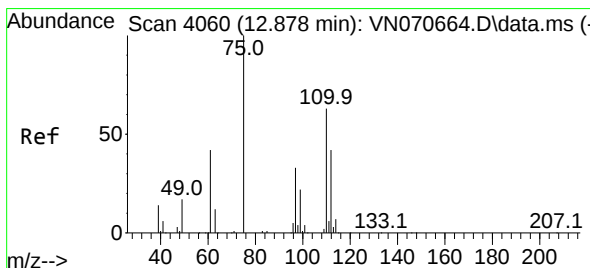
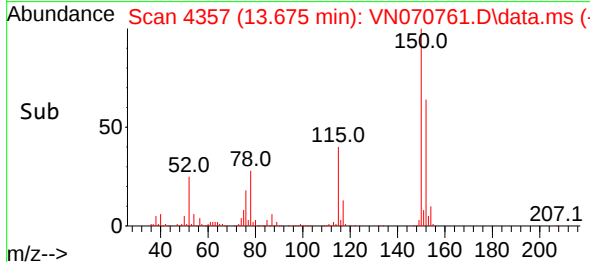
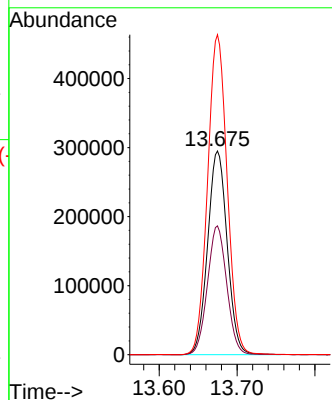
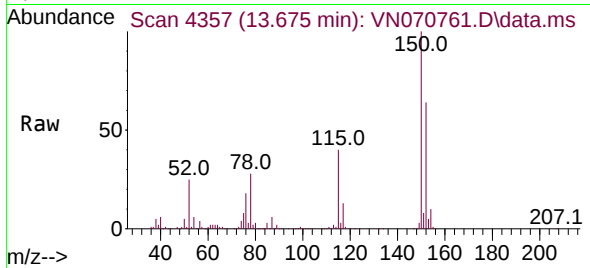




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070761.D
 Acq: 24 Jan 2022 17:36

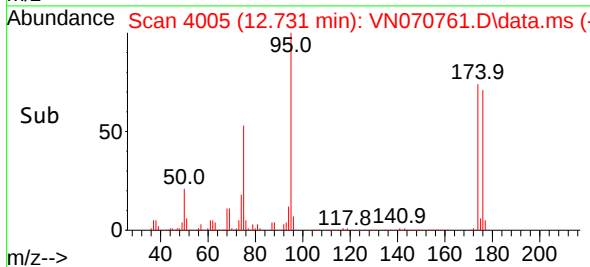
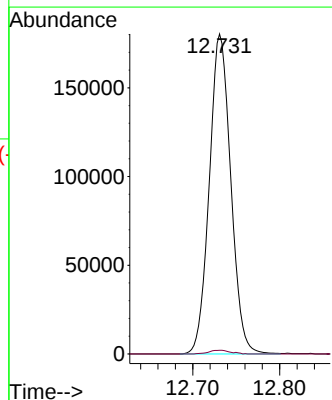
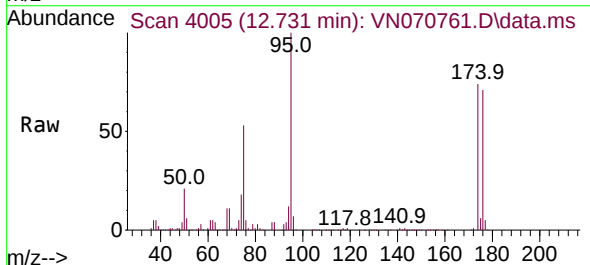
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

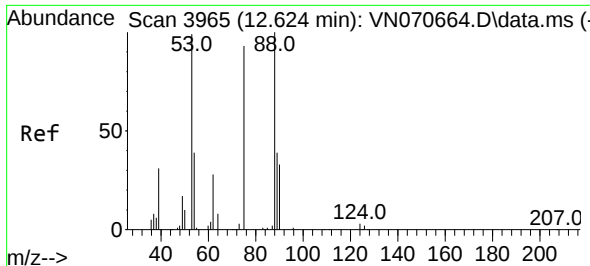
Tgt Ion:152 Resp: 515337
 Ion Ratio Lower Upper
 152 100
 115 62.5 27.5 82.5
 150 157.0 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 22.646 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.147 min
 Lab File: VN070761.D
 Acq: 24 Jan 2022 17:36

Tgt Ion: 75 Resp: 309528
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#

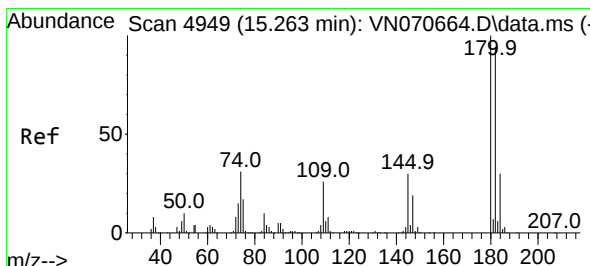
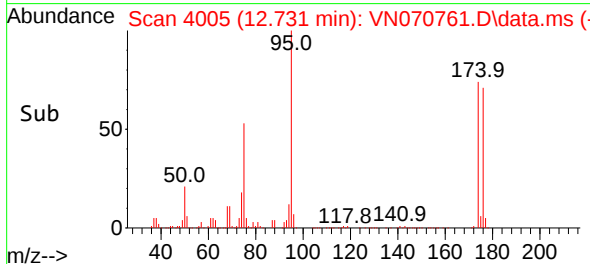
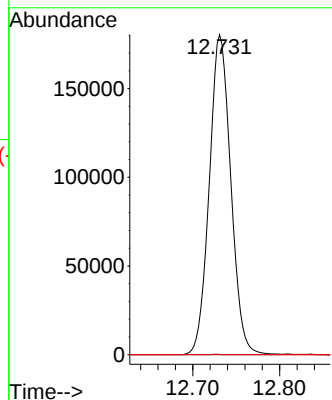
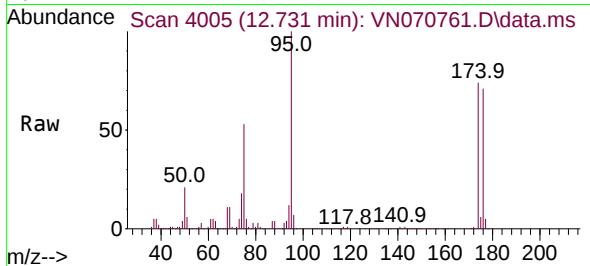




#81
trans-1,4-Dichloro-2-butene
Concen: 67.466 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

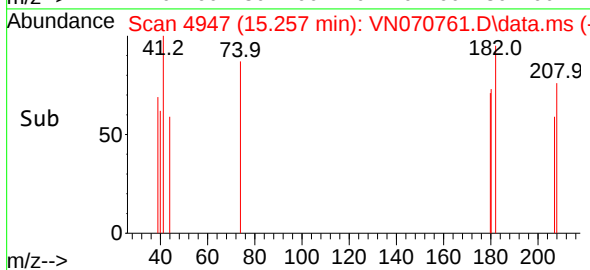
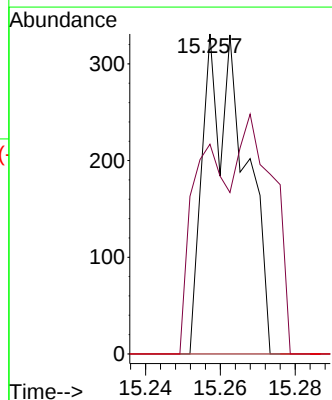
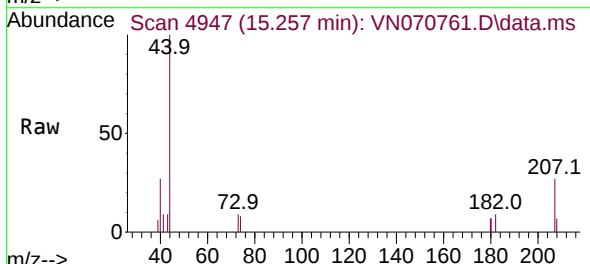
Instrument :
MSVOA_N
ClientSampleId :
TP-2

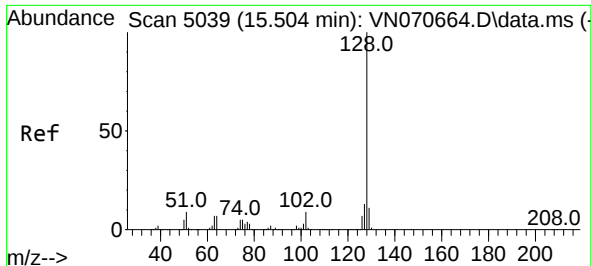
Tgt Ion: 75 Resp: 309528
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.450 ug/l
RT: 15.257 min Scan# 4947
Delta R.T. -0.006 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

Tgt Ion: 180 Resp: 252
Ion Ratio Lower Upper
180 100
182 59.5 48.3 144.9
145 0.0 14.5 43.5#

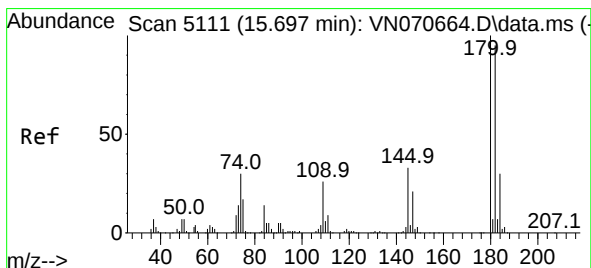
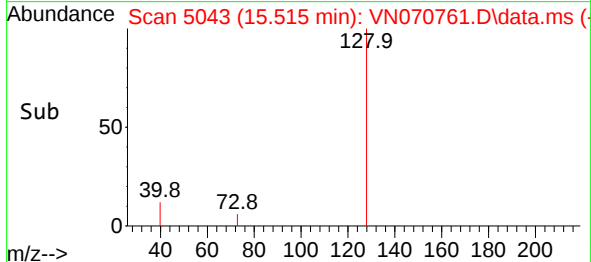
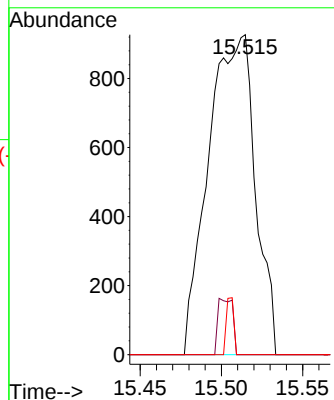
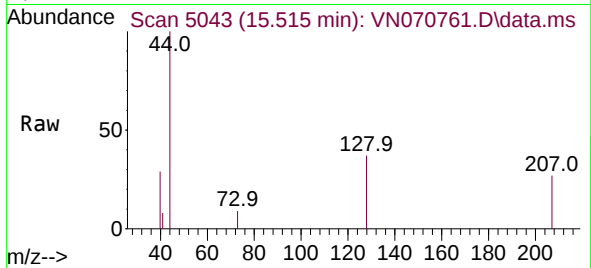




#95
Naphthalene
Concen: 5.011 ug/l
RT: 15.515 min Scan# 5039
Delta R.T. 0.011 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:128 Resp: 1856
Ion Ratio Lower Upper
128 100
127 5.4 10.5 15.7#
129 2.9 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.249 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.003 min
Lab File: VN070761.D
Acq: 24 Jan 2022 17:36

Tgt Ion:180 Resp: 321
Ion Ratio Lower Upper
180 100
182 72.6 47.4 142.2
145 30.5 15.0 45.1

