

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009052.D
 Acq On : 24 May 2022 11:26
 Operator : KP/MD
 Sample : N2948-14
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-0612-01

Quant Time: May 25 02:50:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

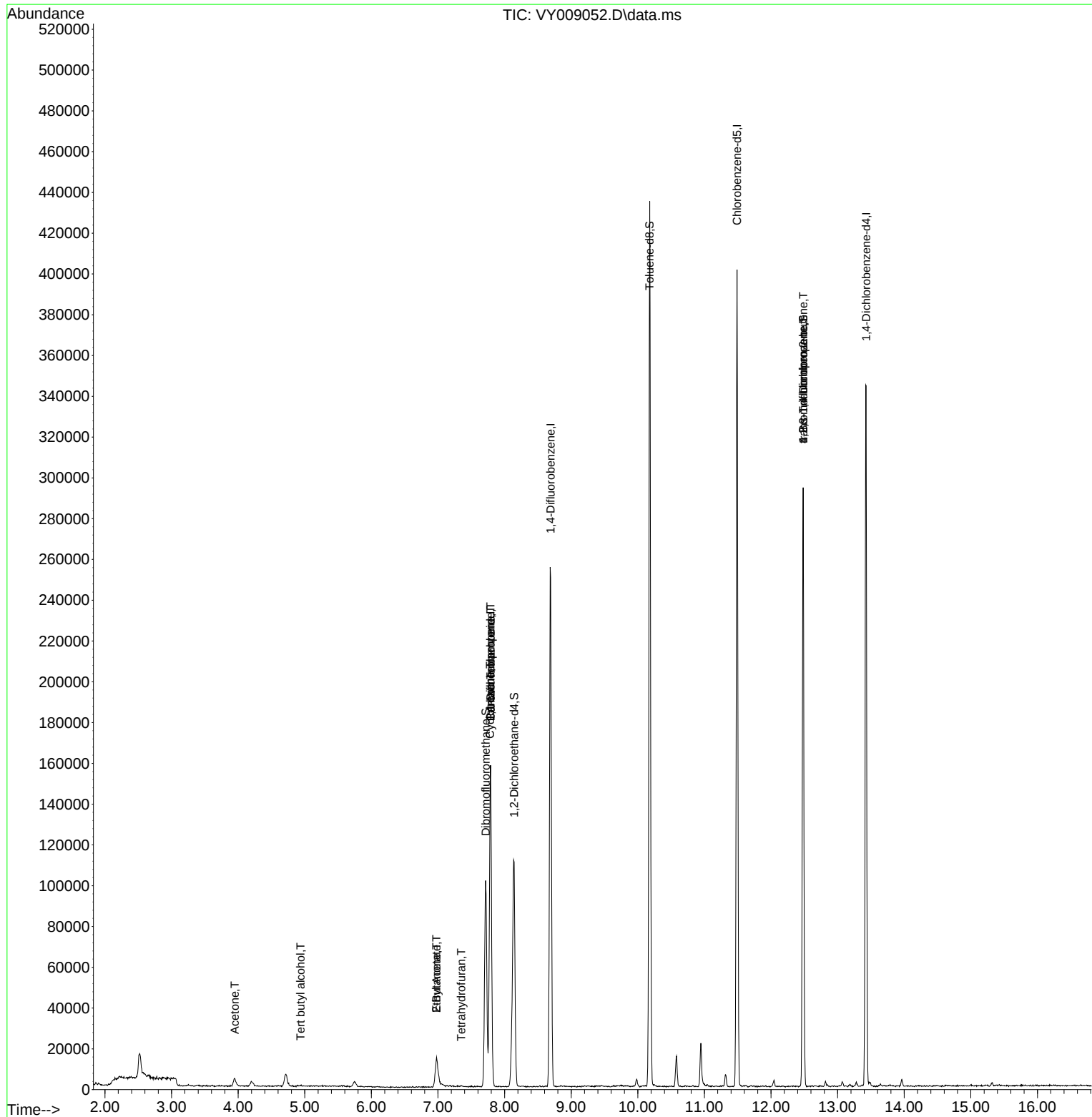
Internal Standards						
1) Pentafluorobenzene	7.789	168	118780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	216165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75138	61.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.920%	
35) Dibromofluoromethane	7.715	113	69338	51.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.160%	
50) Toluene-d8	10.178	98	269003	54.246	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.500%	
62) 4-Bromofluorobenzene	12.483	95	76446	38.215	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.935	59	326	2.629	ug/l #	77
16) Acetone	3.948	43	6663	26.184	ug/l	97
20) Methylene Chloride	4.716	84	4481	Below Cal		83
25) 2-Butanone	6.978	43	2065	4.543	ug/l #	75
29) Tetrahydrofuran	7.350	42	403	1.305	ug/l #	56
31) Cyclohexane	7.782	56	2723	1.139	ug/l #	55
36) 1,1-Dichloropropene	7.789	75	10294	4.500	ug/l #	51
37) Ethyl Acetate	6.978	43	2065	1.740	ug/l #	47
38) Carbon Tetrachloride	7.789	117	11996	5.013	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	44690	49.104	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44690	100.786	ug/l #	7

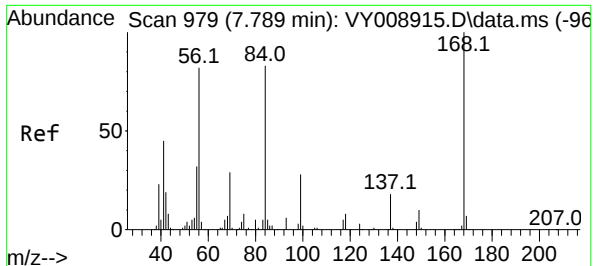
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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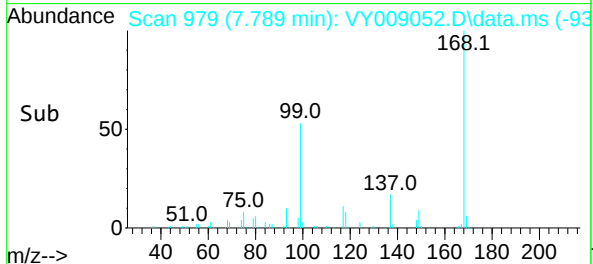
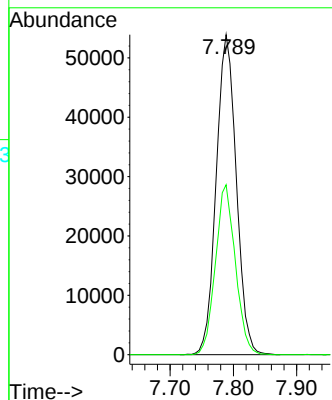
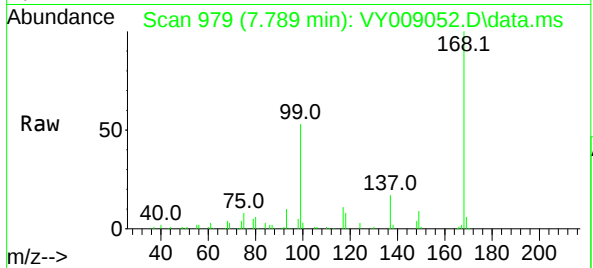




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

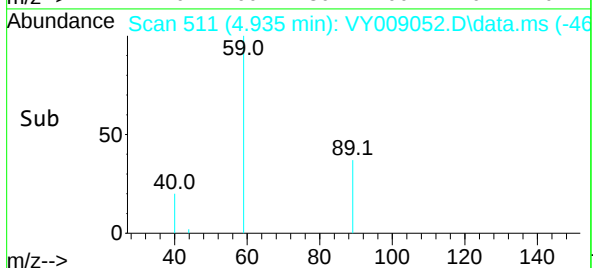
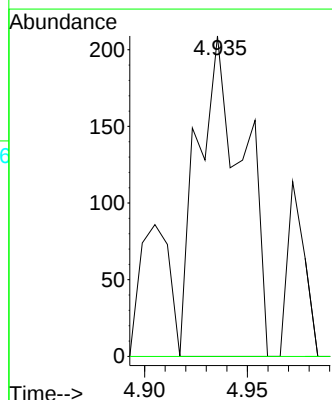
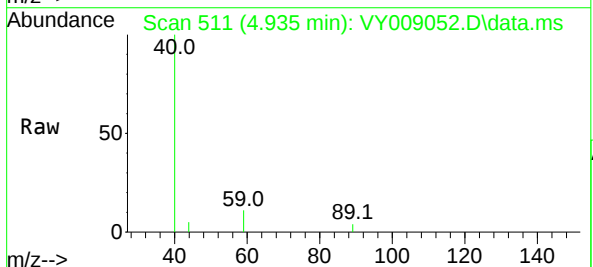
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-01

Tgt Ion:168 Resp: 118780
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.629 ug/l
RT: 4.935 min Scan# 511
Delta R.T. -0.013 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

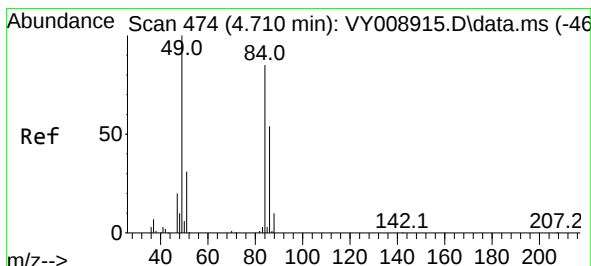
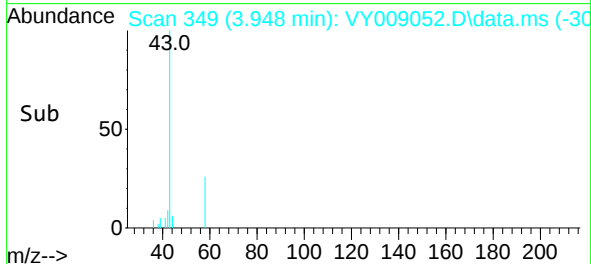
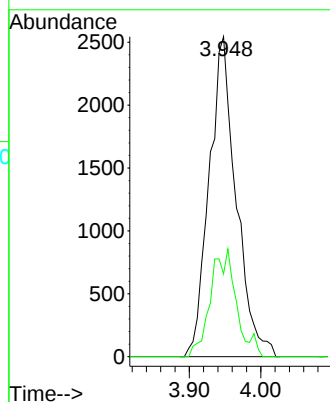
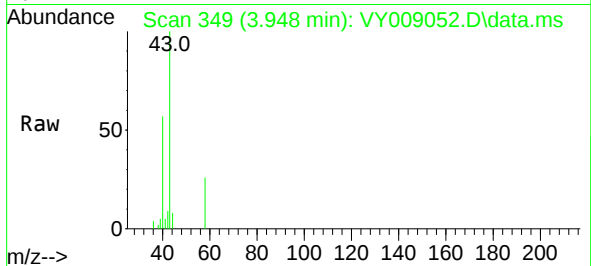




#16
Acetone
Concen: 26.184 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

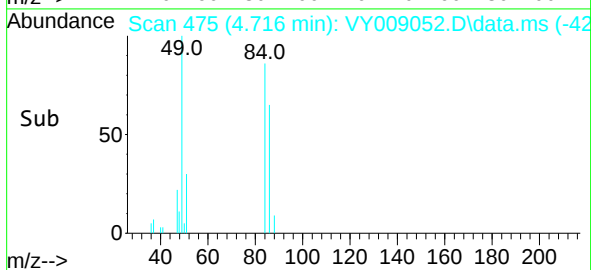
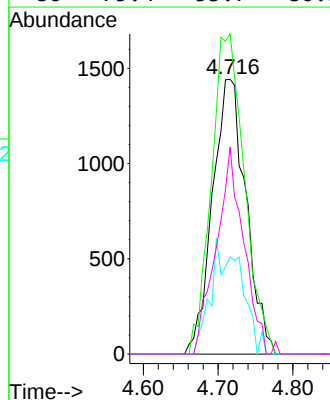
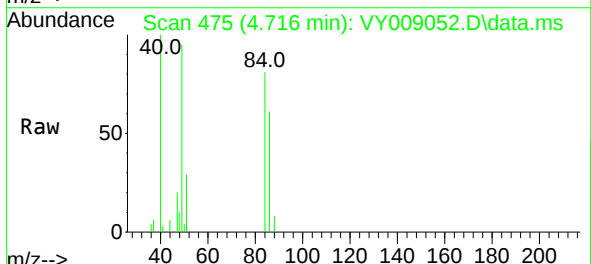
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-01

Tgt Ion: 43 Resp: 6663
Ion Ratio Lower Upper
43 100
58 25.9 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

Tgt Ion: 84 Resp: 4481
Ion Ratio Lower Upper
84 100
49 116.5 114.4 171.6
51 35.3 35.3 52.9
86 75.4 53.7 80.5

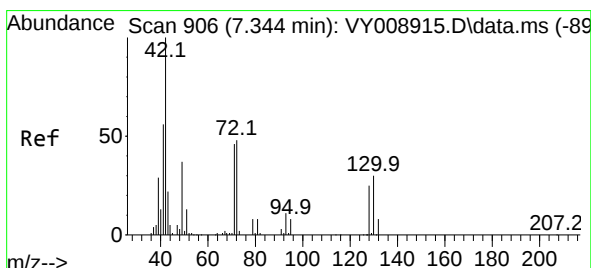
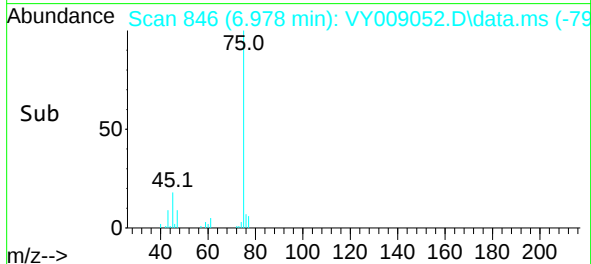
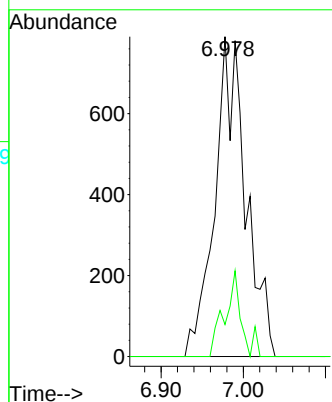
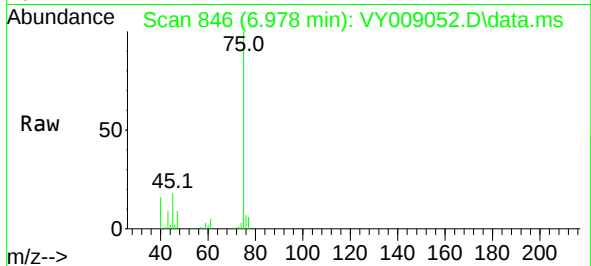




#25
2-Butanone
Concen: 4.543 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

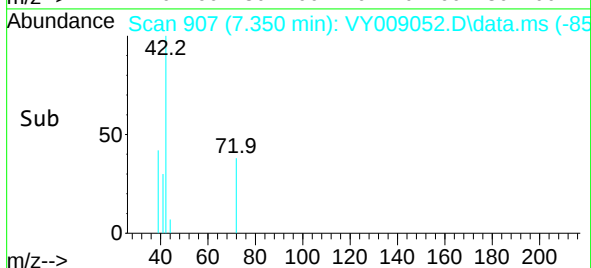
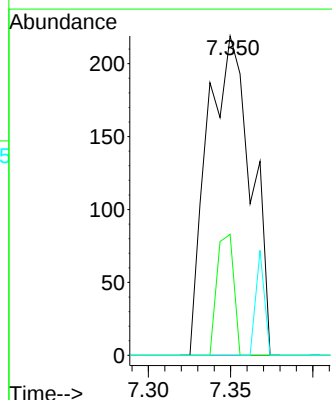
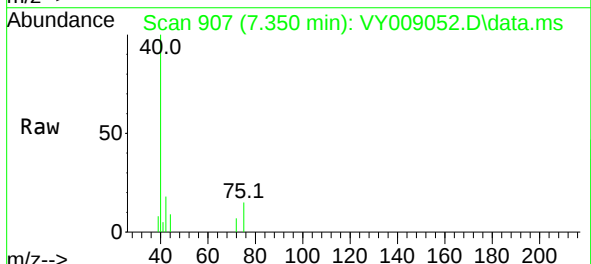
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-01

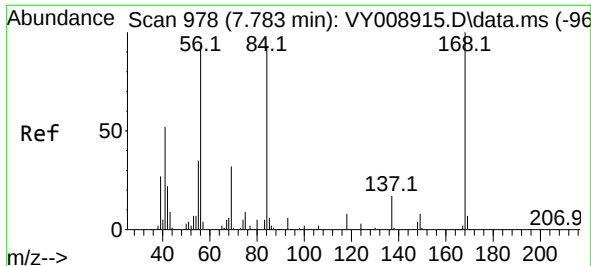
Tgt Ion: 43 Resp: 2065
Ion Ratio Lower Upper
43 100
72 10.0 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.305 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

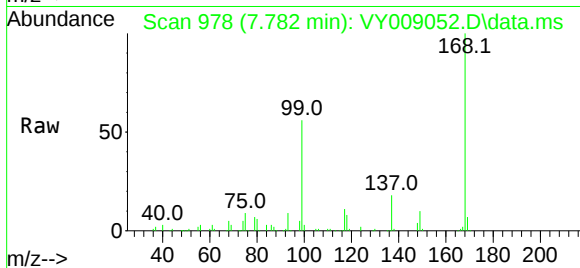
Tgt Ion: 42 Resp: 403
Ion Ratio Lower Upper
42 100
72 14.6 30.3 45.5#
71 6.5 29.0 43.4#



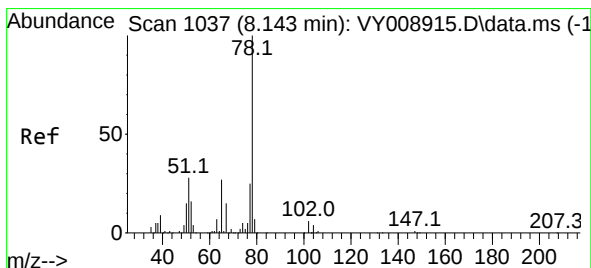
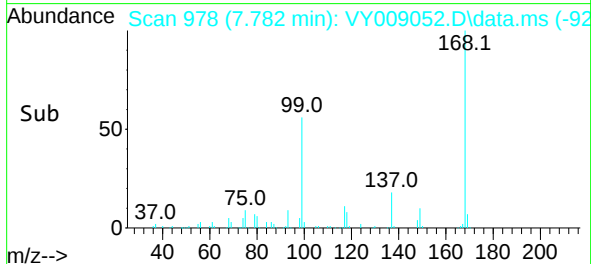
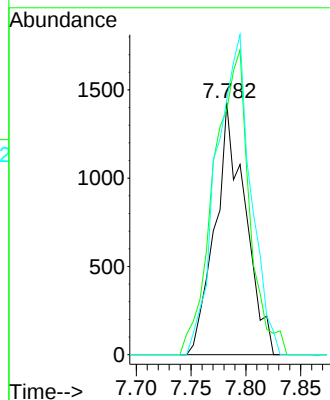


#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-01

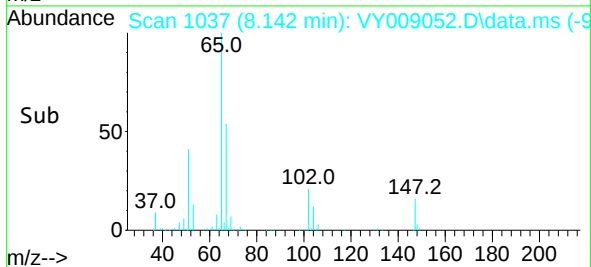
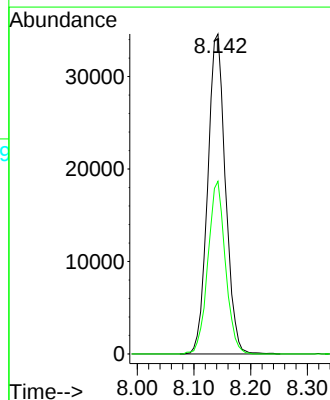
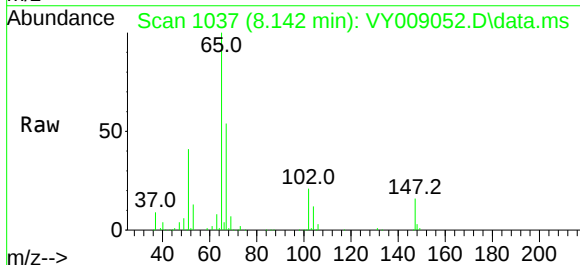


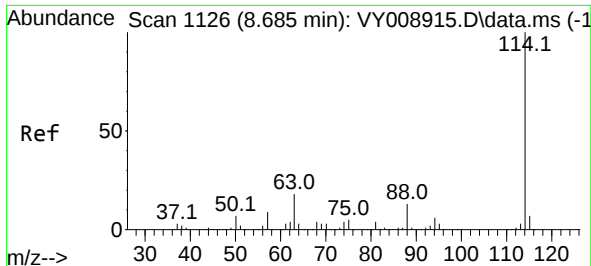
Tgt Ion: 56 Resp: 2723
Ion Ratio Lower Upper
56 100
69 97.0 26.7 40.1#
84 101.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.464 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

Tgt Ion: 65 Resp: 75138
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009052.D

Acq: 24 May 2022 11:26

Instrument :

MSVOA_Y

ClientSampleId :

P036-SS001-0612-01

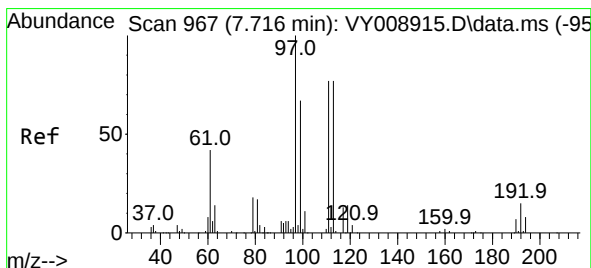
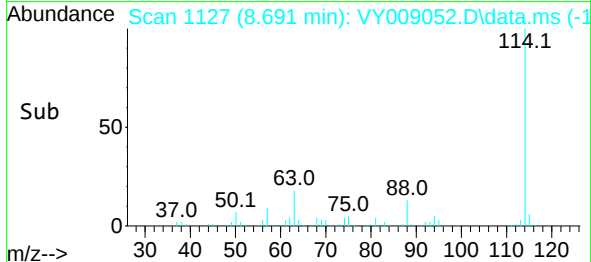
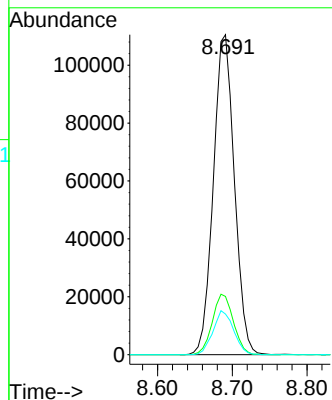
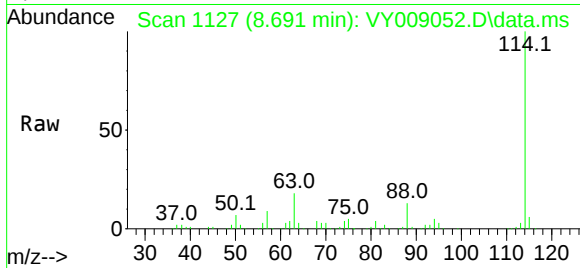
Tgt Ion:114 Resp: 216165

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 12.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.583 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY009052.D

Acq: 24 May 2022 11:26

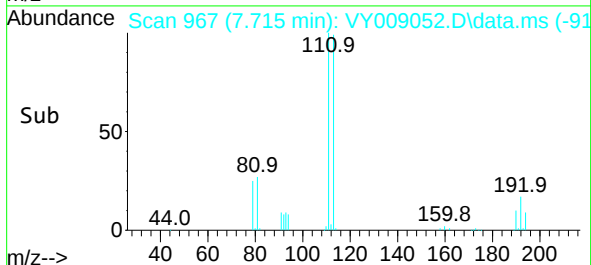
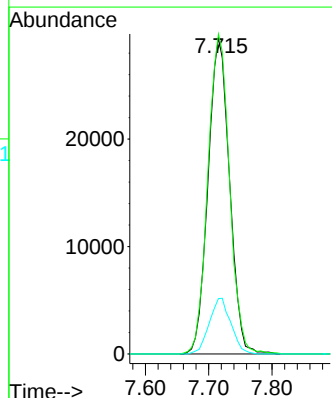
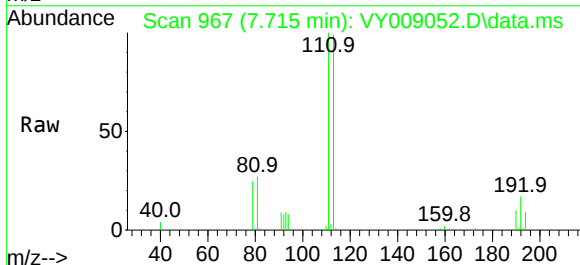
Tgt Ion:113 Resp: 69338

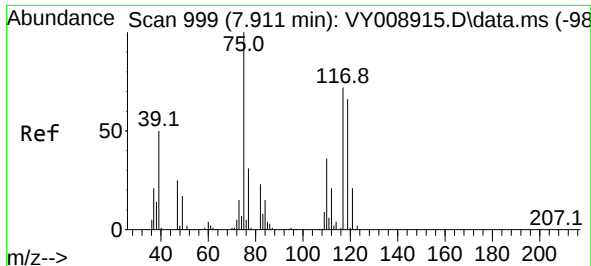
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

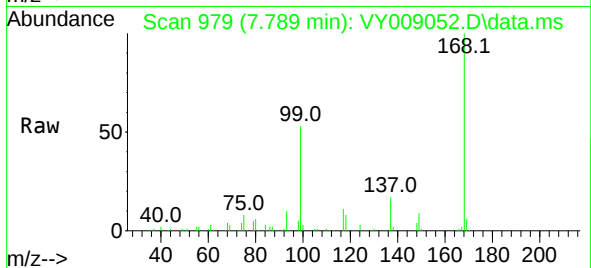
192 17.7 17.6 26.4



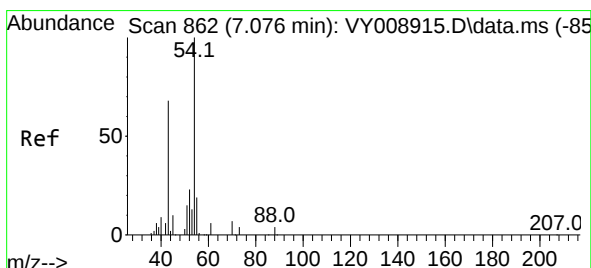
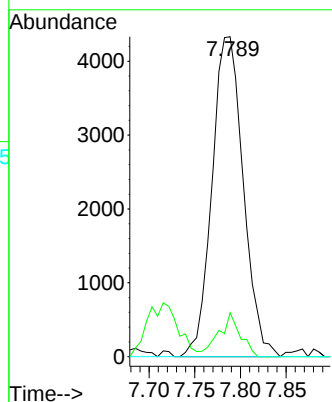
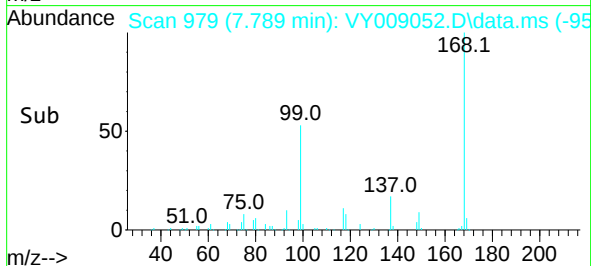


#36
1,1-Dichloropropene
Concen: 4.500 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-01

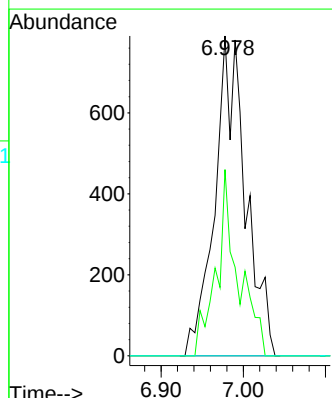
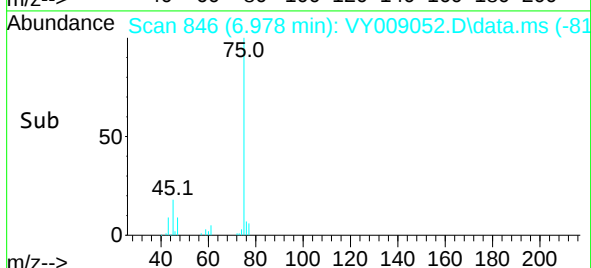
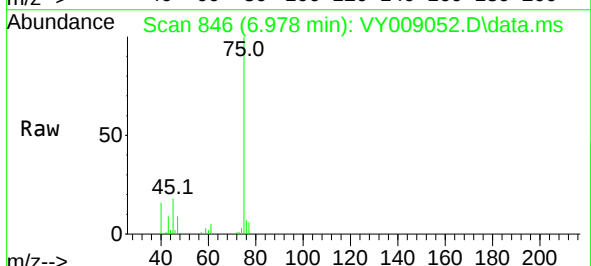


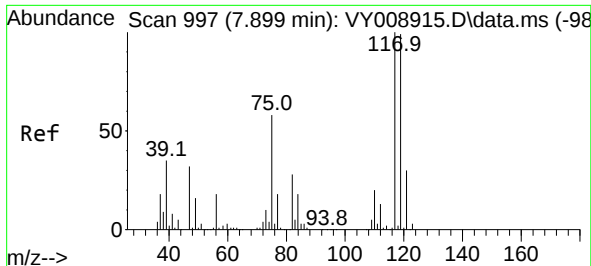
Tgt Ion: 75 Resp: 10294
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.740 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.098 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

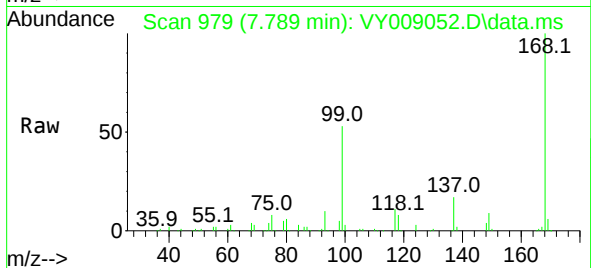
Tgt Ion: 43 Resp: 2065
Ion Ratio Lower Upper
43 100
61 40.9 9.7 14.5#
70 0.0 7.1 10.7#



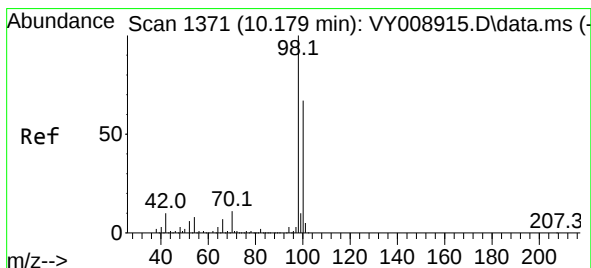
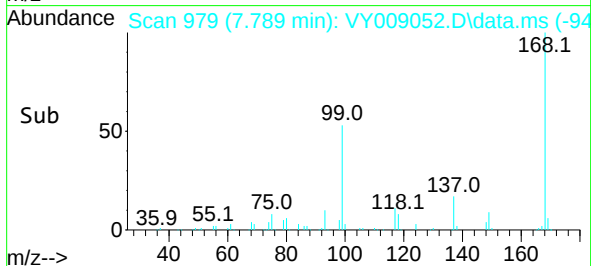
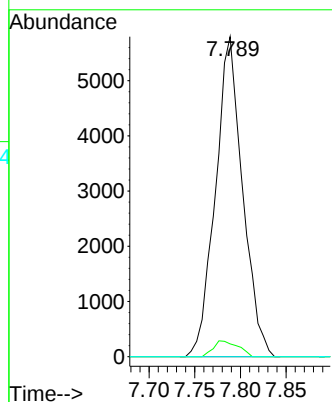


#38
Carbon Tetrachloride
Concen: 5.013 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

Instrument :
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ClientSampleId :
P036-SS001-0612-01

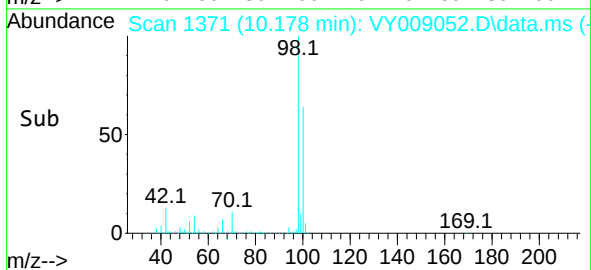
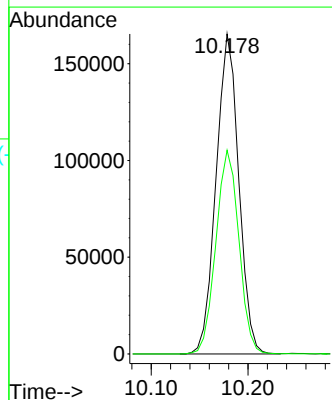
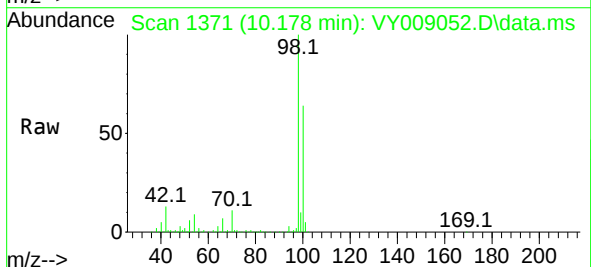


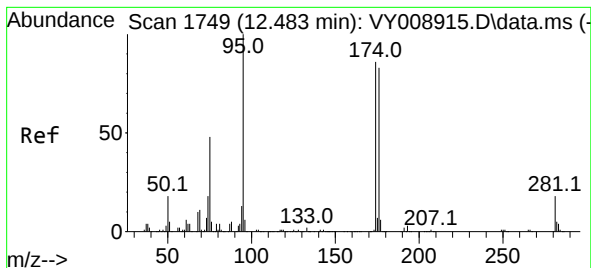
Tgt Ion:117 Resp: 11996
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.246 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

Tgt Ion: 98 Resp: 269003
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

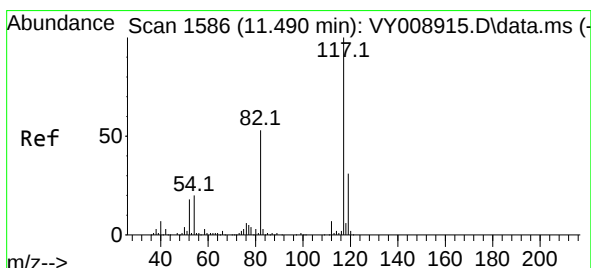
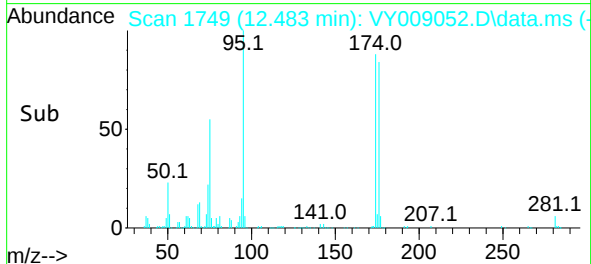
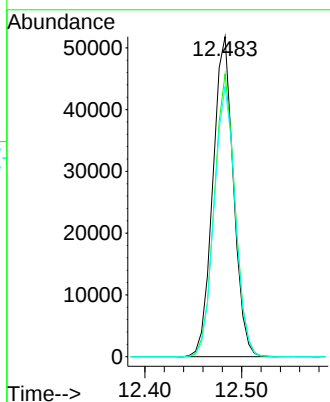
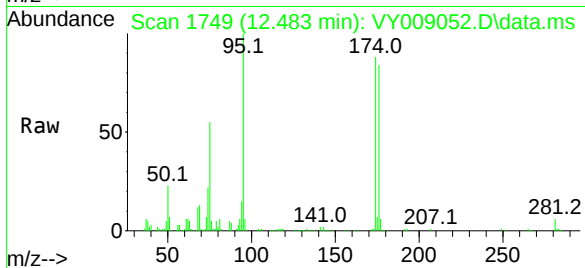




#62
4-Bromofluorobenzene
Concen: 38.215 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

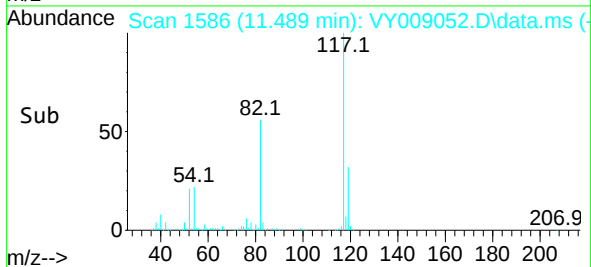
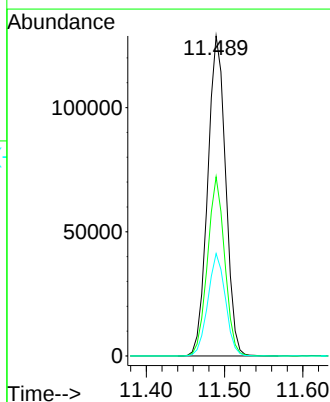
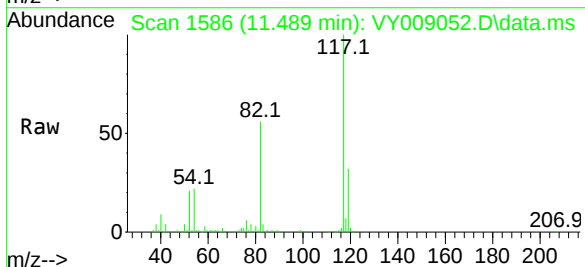
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-01

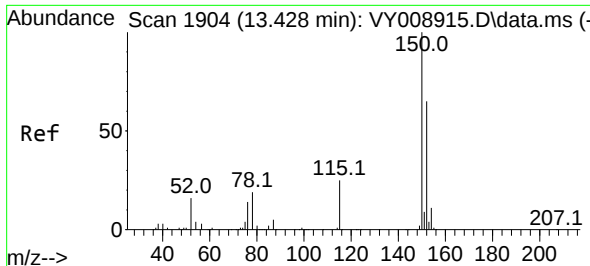
Tgt Ion: 95 Resp: 76446
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 86.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

Tgt Ion: 117 Resp: 204729
Ion Ratio Lower Upper
117 100
82 56.0 43.0 64.4
119 32.0 25.4 38.0

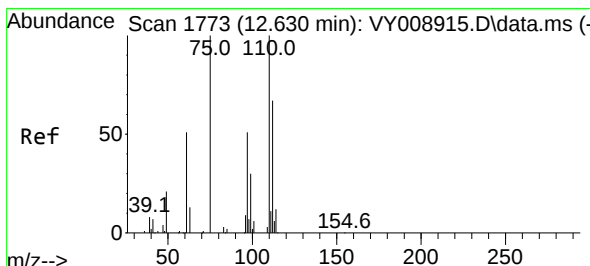
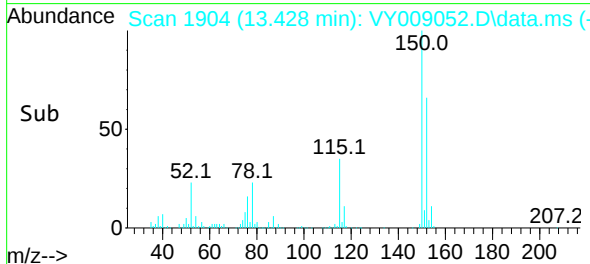
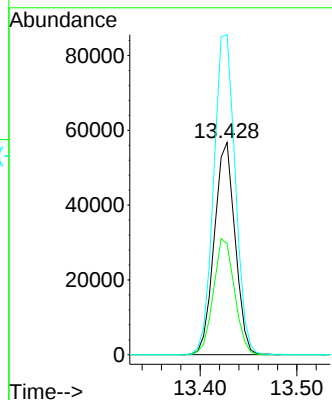
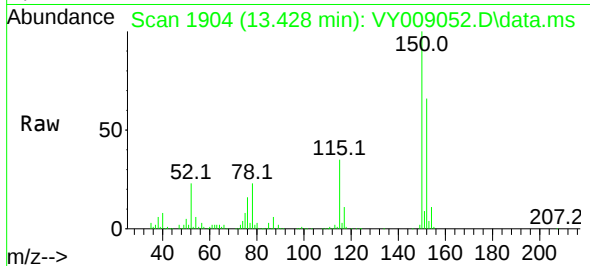




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY009052.D
 Acq: 24 May 2022 11:26

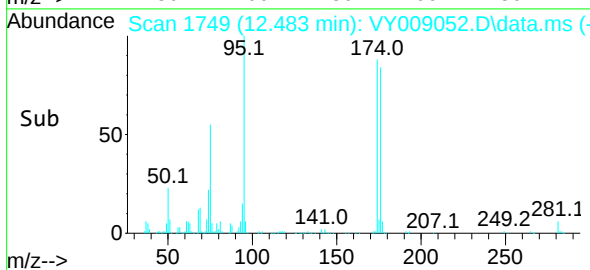
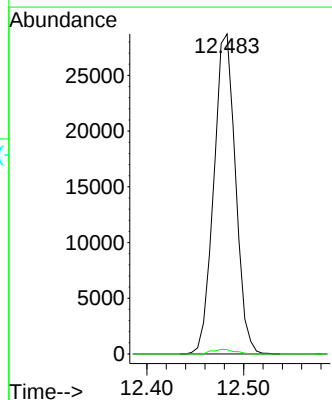
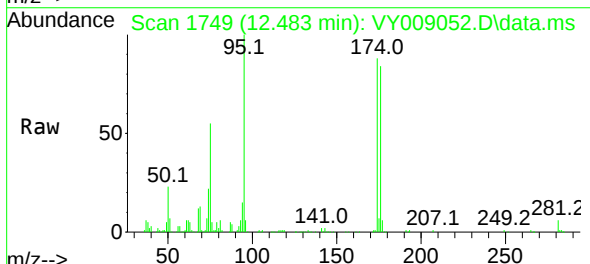
Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-0612-01

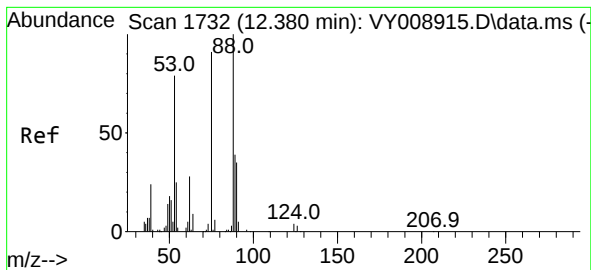
Tgt Ion:152 Resp: 84750
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.104 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009052.D
 Acq: 24 May 2022 11:26

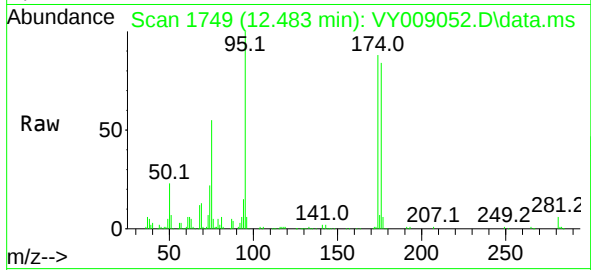
Tgt Ion: 75 Resp: 44690
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.786 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009052.D
 Acq: 24 May 2022 11:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-0612-01



Tgt Ion: 75 Resp: 44690
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

