

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008958.D
 Acq On : 21 May 2022 18:34
 Operator : KP/MD
 Sample : N2888-06
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P042-SS001-0612-01

Quant Time: May 21 21:31:55 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)

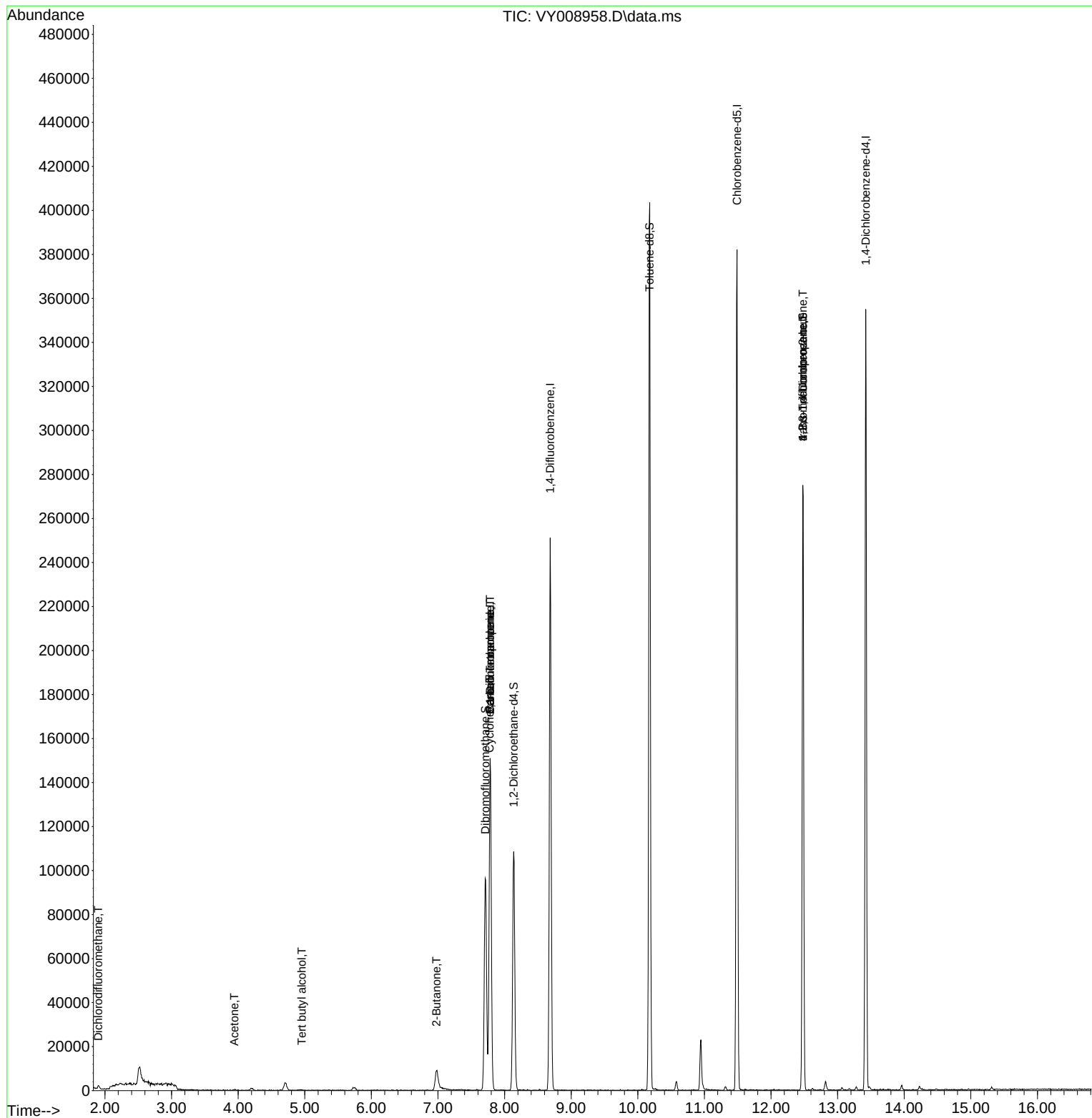
Internal Standards						
1) Pentafluorobenzene	7.783	168	115596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79921	67.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.360%	
35) Dibromofluoromethane	7.710	113	66186	51.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.020%	
50) Toluene-d8	10.179	98	258522	54.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.060%	
62) 4-Bromofluorobenzene	12.477	95	73123	38.238	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	1304	1.233	ug/l	89
11) Tert butyl alcohol	4.954	59	416	3.447	ug/l #	77
16) Acetone	3.942	43	576	2.326	ug/l #	47
20) Methylene Chloride	4.704	84	2540	Below Cal	#	73
25) 2-Butanone	6.978	43	508	1.148	ug/l #	54
31) Cyclohexane	7.777	56	2668	1.146	ug/l #	6
36) 1,1-Dichloropropene	7.783	75	10435	4.772	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11713	5.120	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	42754	46.350	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	42754	95.133	ug/l #	7

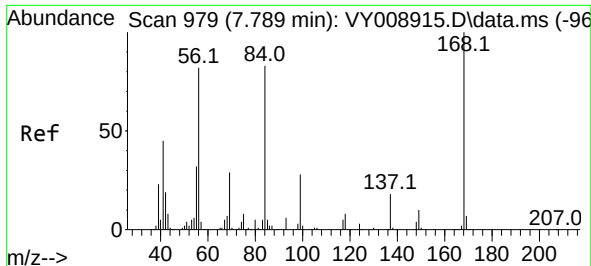
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
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MSVOA_Y
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P042-SS001-0612-01

Quant Time: May 21 21:31:55 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

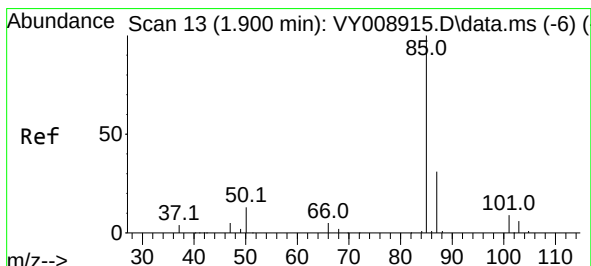
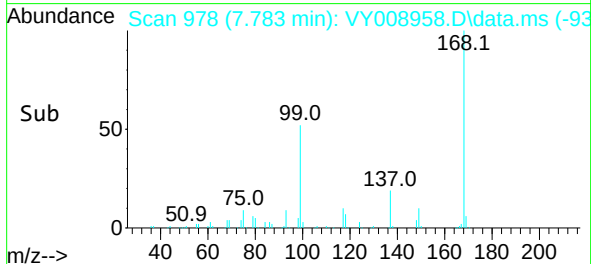
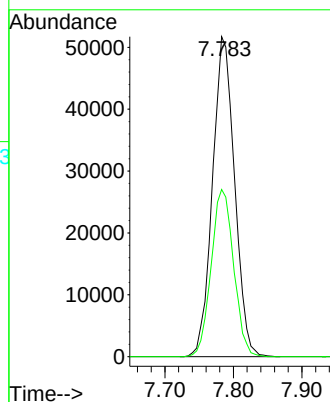
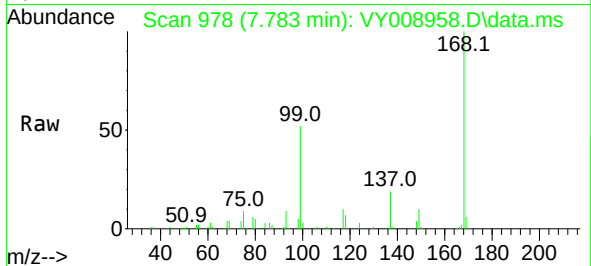




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

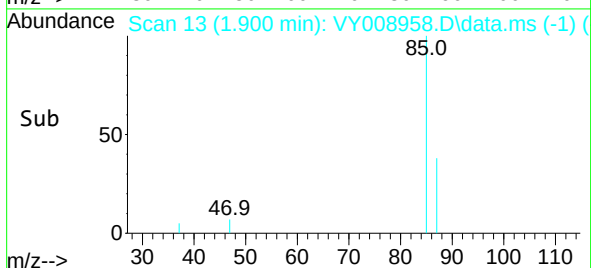
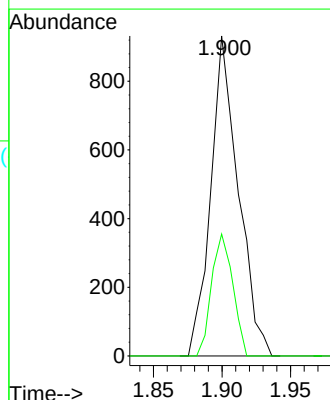
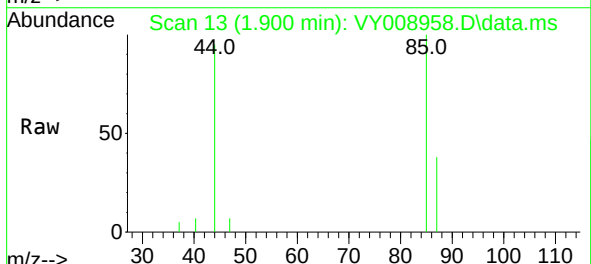
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0612-01

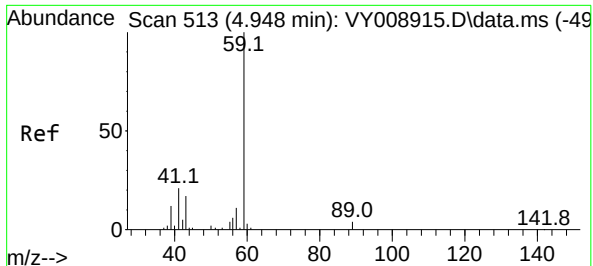
Tgt Ion:168 Resp: 115596
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.233 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

Tgt Ion: 85 Resp: 1304
Ion Ratio Lower Upper
85 100
87 38.1 16.1 48.2





#11

Tert butyl alcohol

Concen: 3.447 ug/l

RT: 4.954 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008958.D

Acq: 21 May 2022 18:34

Instrument :

MSVOA_Y

ClientSampleId :

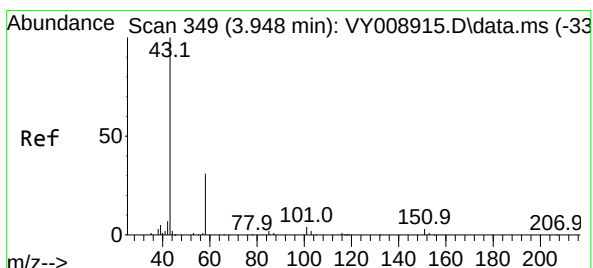
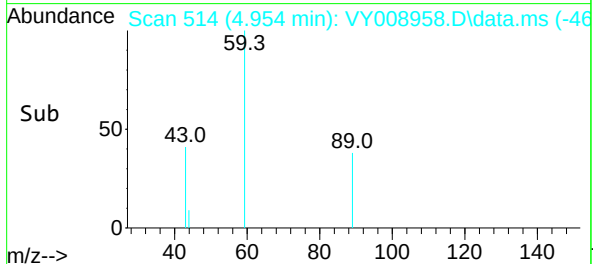
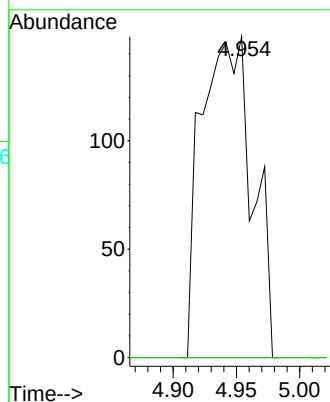
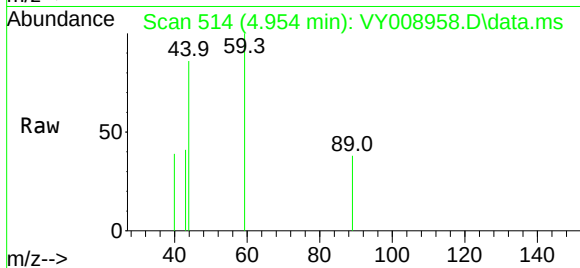
P042-SS001-0612-01

Tgt Ion: 59 Resp: 416

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.326 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY008958.D

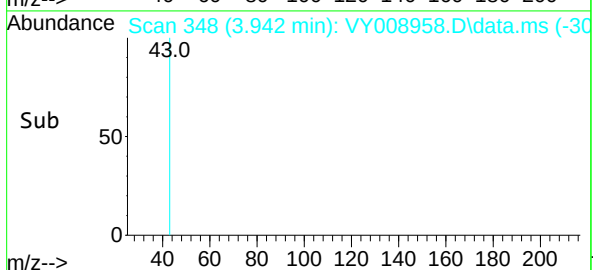
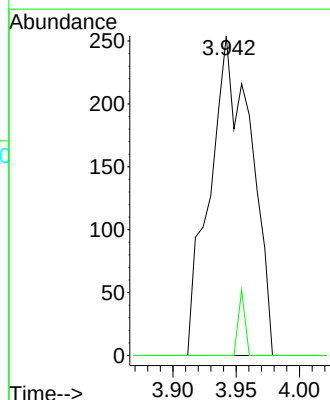
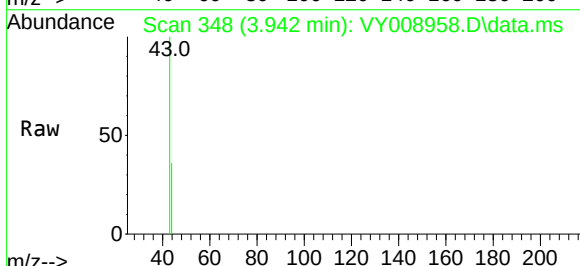
Acq: 21 May 2022 18:34

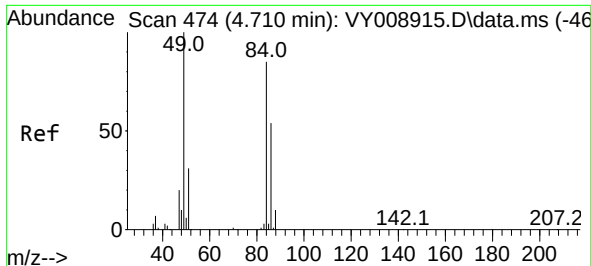
Tgt Ion: 43 Resp: 576

Ion Ratio Lower Upper

43 100

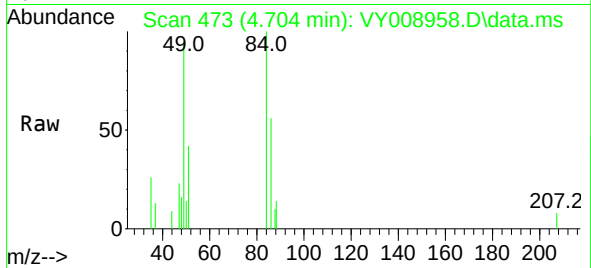
58 0.0 22.0 33.0#



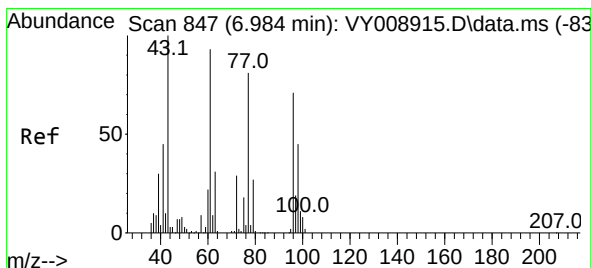
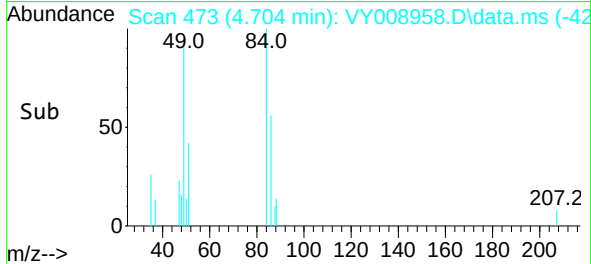
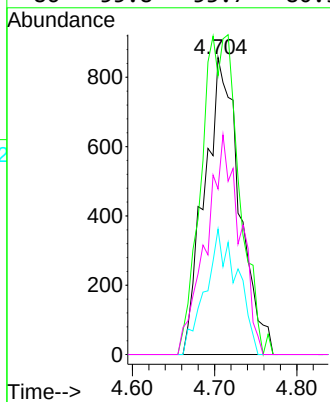


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0612-01

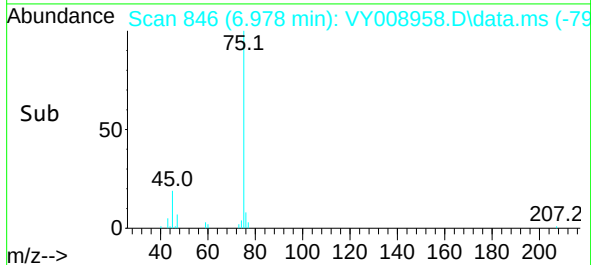
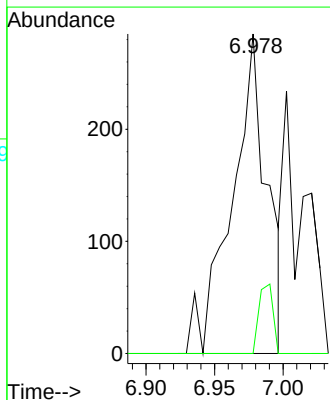
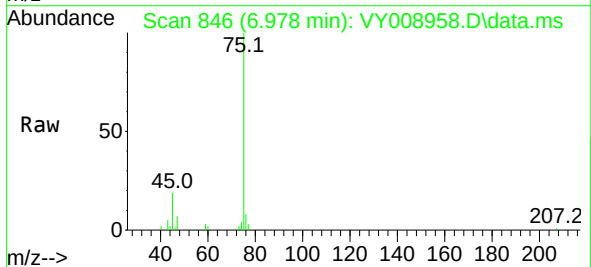


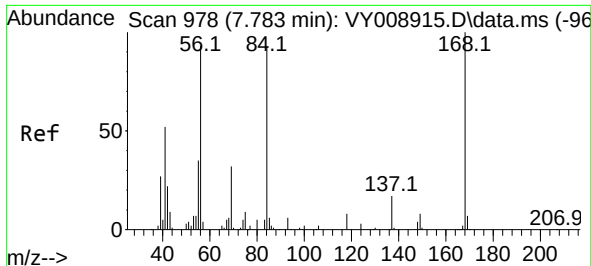
Tgt Ion: 84 Resp: 2540
Ion Ratio Lower Upper
84 100
49 93.9 114.4 171.6#
51 42.2 35.3 52.9
86 55.8 53.7 80.5



#25
2-Butanone
Concen: 1.148 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

Tgt Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

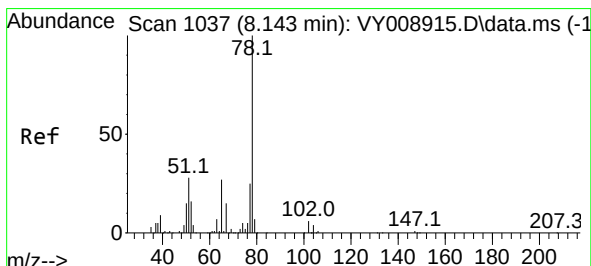
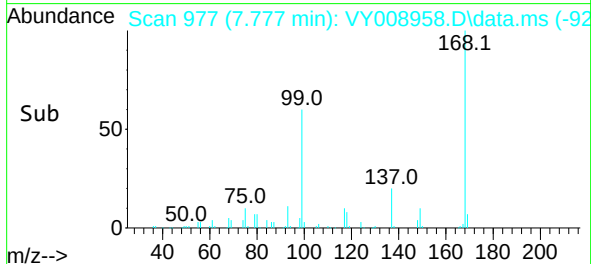
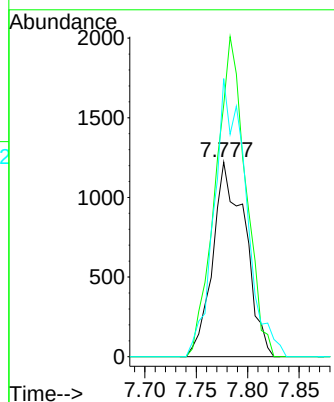
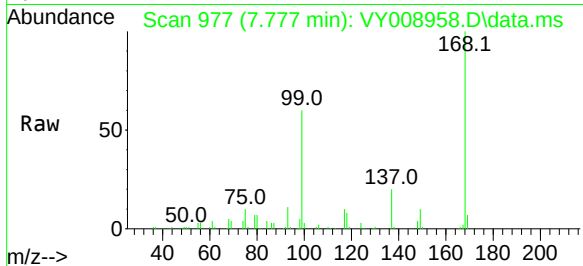




#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

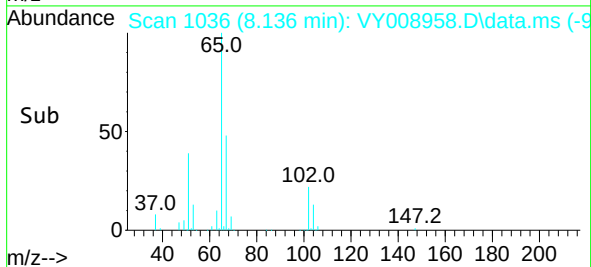
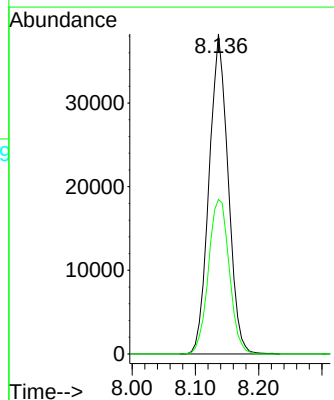
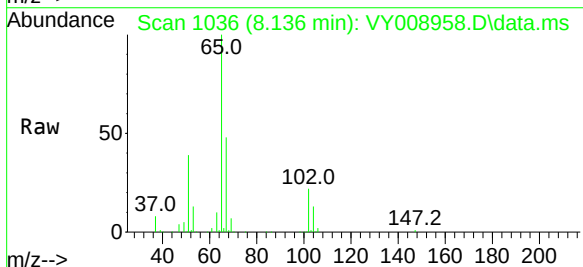
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0612-01

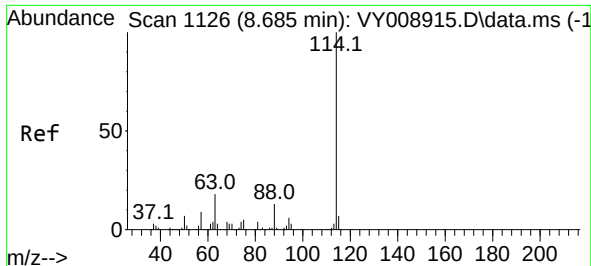
Tgt Ion: 56 Resp: 2668
Ion Ratio Lower Upper
56 100
69 129.3 26.7 40.1#
84 142.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 67.178 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

Tgt Ion: 65 Resp: 79921
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008958.D

Acq: 21 May 2022 18:34

Instrument :

MSVOA_Y

ClientSampleId :

P042-SS001-0612-01

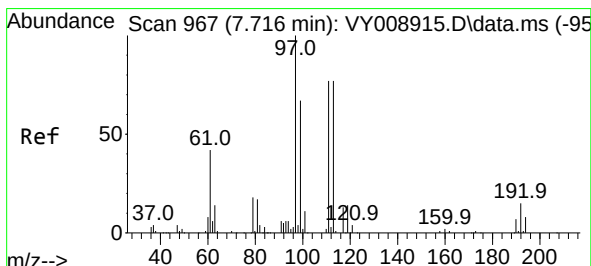
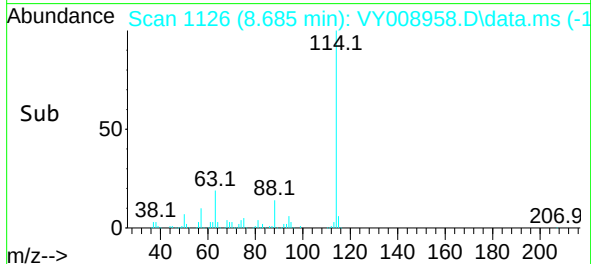
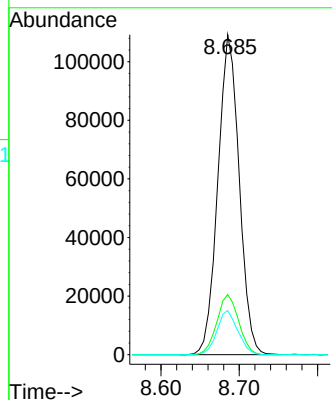
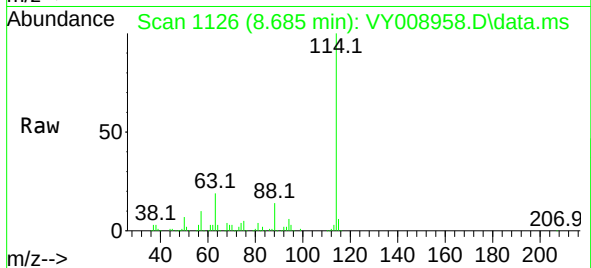
Tgt Ion:114 Resp: 206647

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.506 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY008958.D

Acq: 21 May 2022 18:34

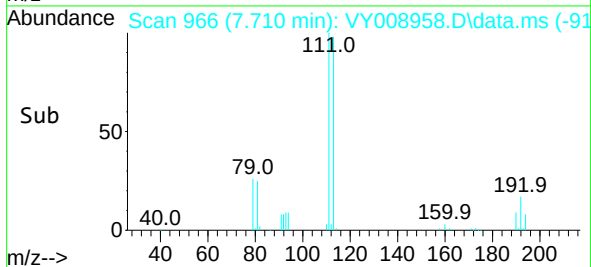
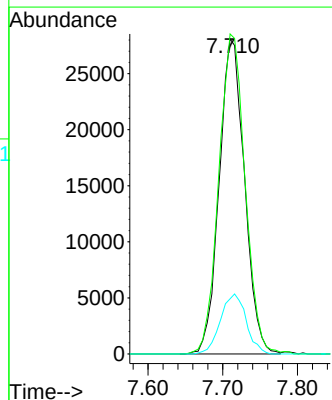
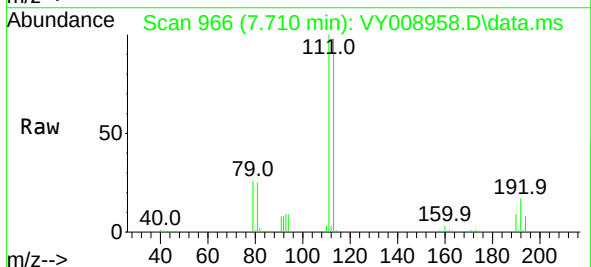
Tgt Ion:113 Resp: 66186

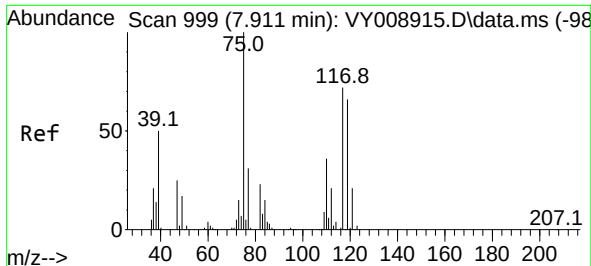
Ion Ratio Lower Upper

113 100

111 105.3 82.6 124.0

192 19.4 17.6 26.4

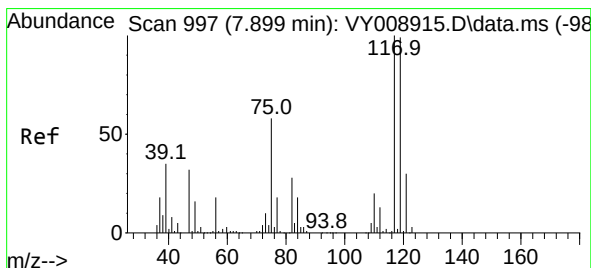
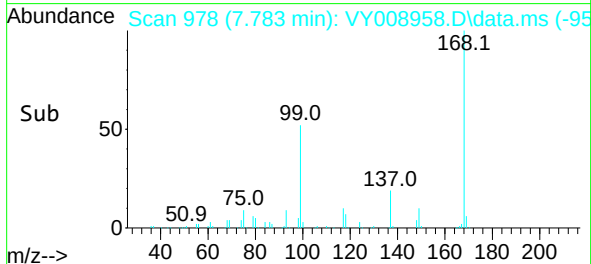
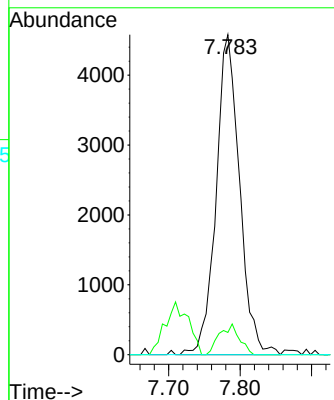
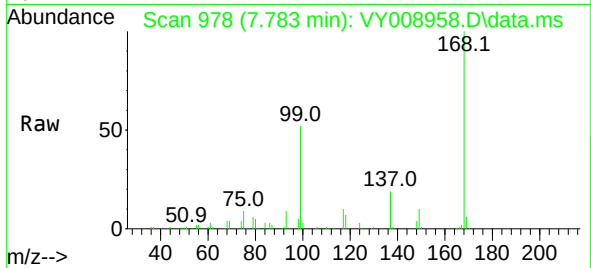




#36
1,1-Dichloropropene
Concen: 4.772 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

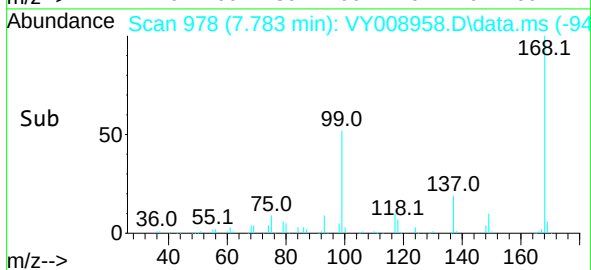
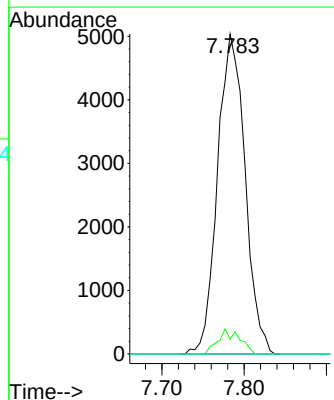
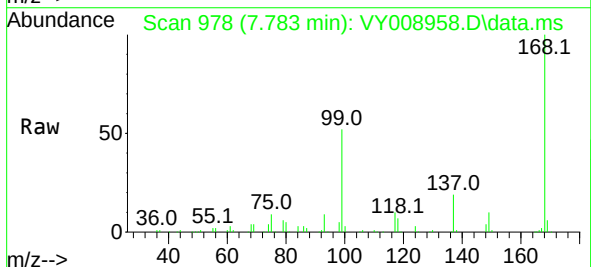
Instrument :
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ClientSampleId :
P042-SS001-0612-01

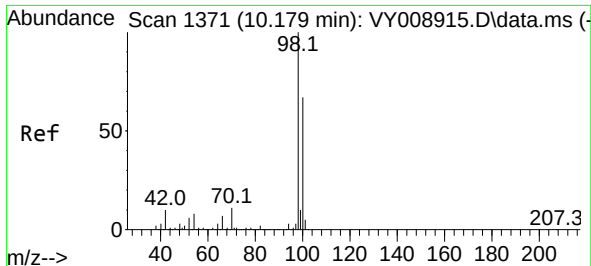
Tgt Ion: 75 Resp: 10435
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.120 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

Tgt Ion: 117 Resp: 11713
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#

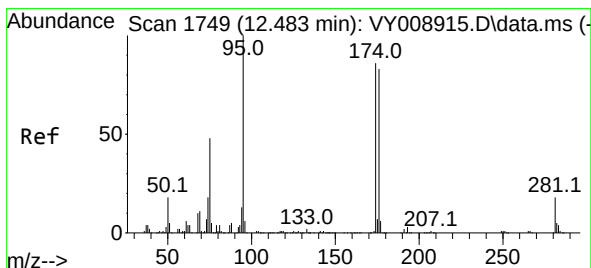
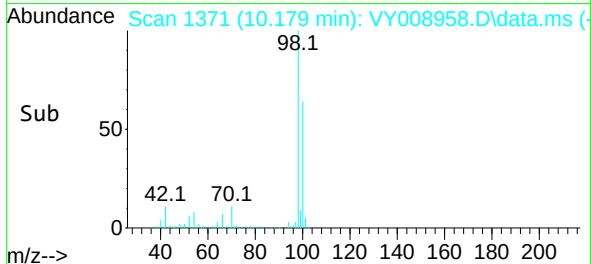
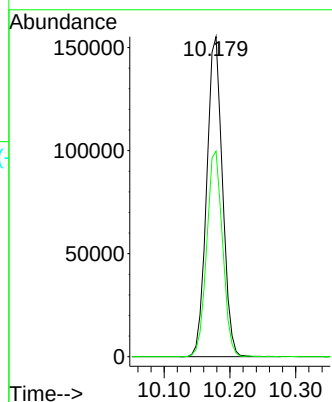
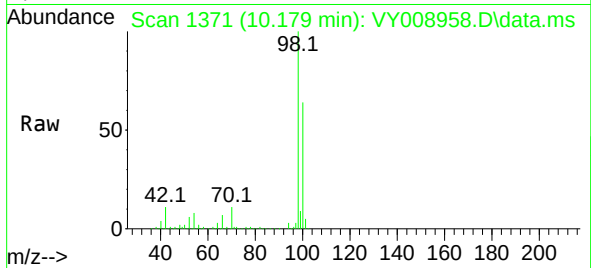




#50
Toluene-d8
Concen: 54.533 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

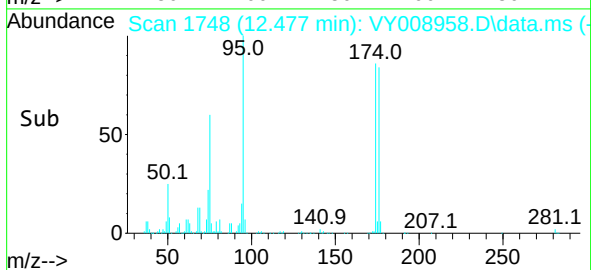
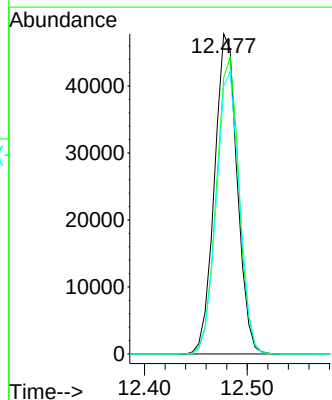
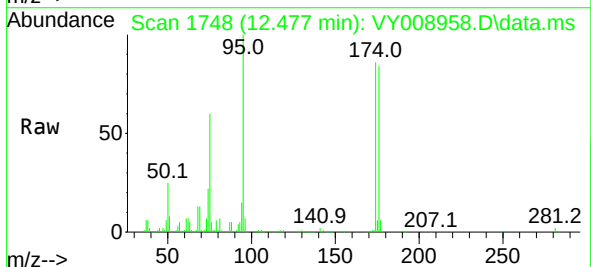
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0612-01

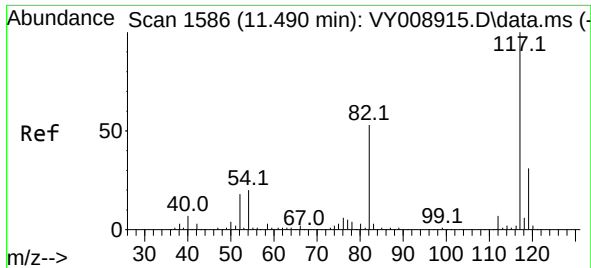
Tgt Ion: 98 Resp: 258522
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.238 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

Tgt Ion: 95 Resp: 73123
Ion Ratio Lower Upper
95 100
174 93.0 0.0 177.0
176 89.6 0.0 175.8

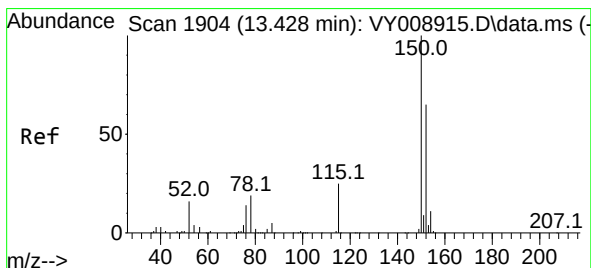
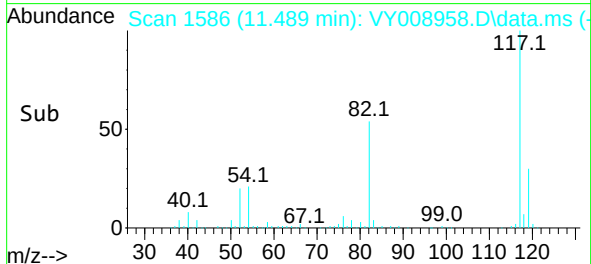
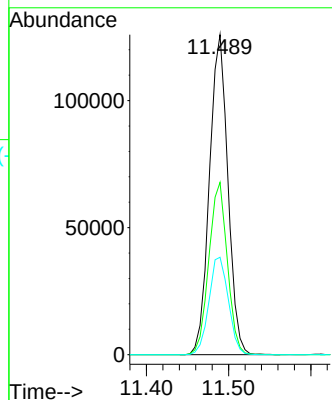
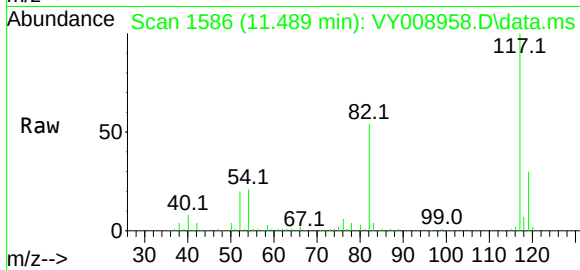




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

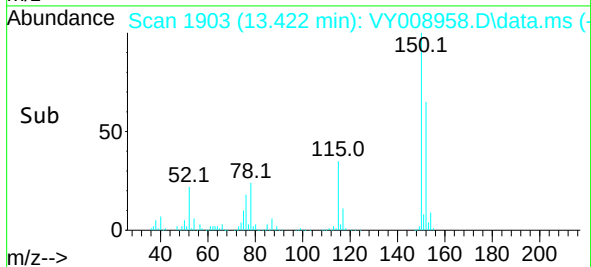
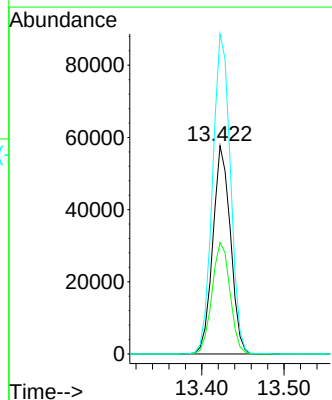
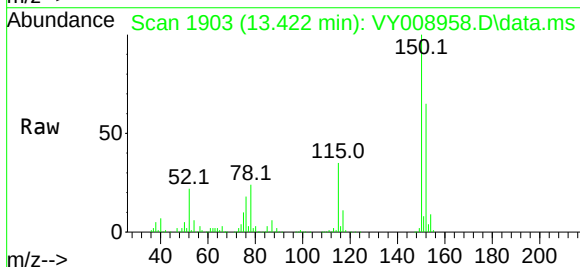
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0612-01

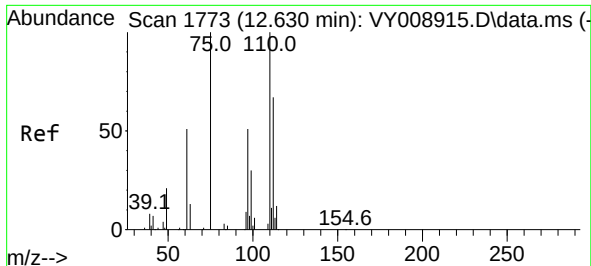
Tgt Ion:117 Resp: 195860
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 30.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

Tgt Ion:152 Resp: 85896
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 155.6 0.0 347.6

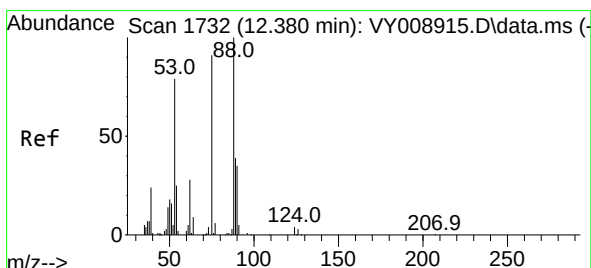
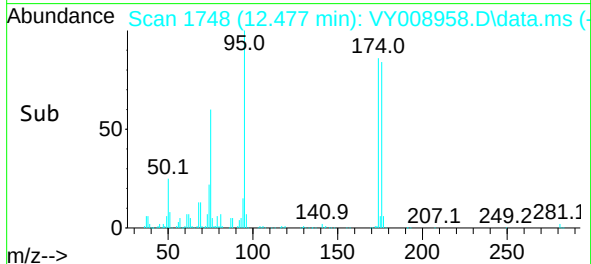
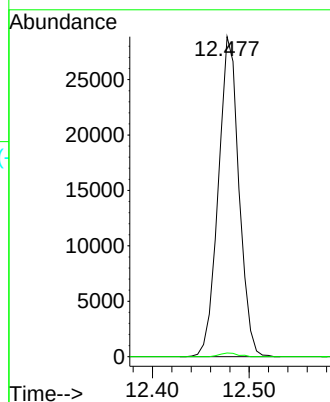
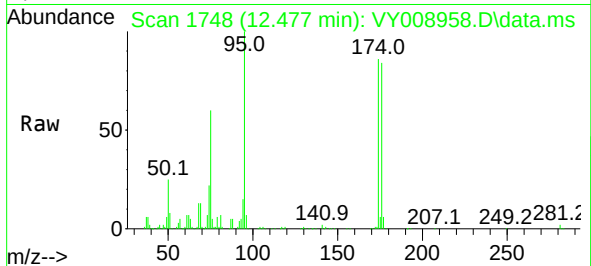




#76
1,2,3-Trichloropropane
Concen: 46.350 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0612-01

Tgt Ion: 75 Resp: 42754
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.133 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

Tgt Ion: 75 Resp: 42754
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

