

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009033.D
 Acq On : 24 May 2022 02:24
 Operator : KP/MD
 Sample : N2948-13
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-0006-01

Quant Time: May 24 03:18:45 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)

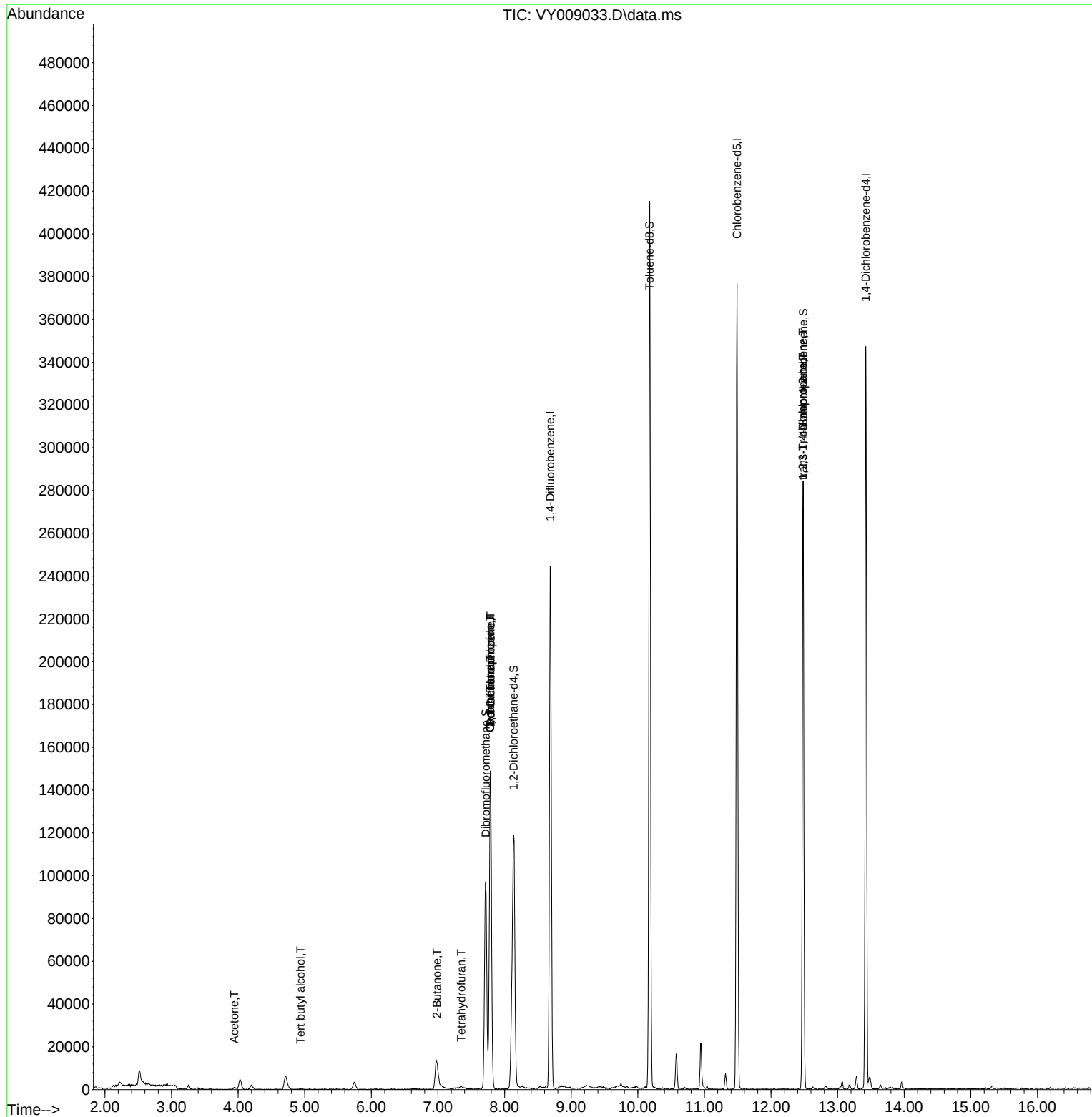
Internal Standards						
1) Pentafluorobenzene	7.789	168	113781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	207923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75521	64.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.980%	
35) Dibromofluoromethane	7.716	113	66598	51.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.020%	
50) Toluene-d8	10.179	98	258579	54.211	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.420%	
62) 4-Bromofluorobenzene	12.483	95	74755	38.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	445	3.746	ug/l #	77
16) Acetone	3.942	43	1679	6.888	ug/l #	86
20) Methylene Chloride	4.710	84	4318	Below Cal	#	80
25) 2-Butanone	6.984	43	1075	2.469	ug/l #	54
29) Tetrahydrofuran	7.350	42	643	2.174	ug/l #	52
31) Cyclohexane	7.783	56	2932	1.280	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10145	4.611	ug/l #	49
38) Carbon Tetrachloride	7.783	117	11944	5.189	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	43161	48.404	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43161	99.349	ug/l #	7

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

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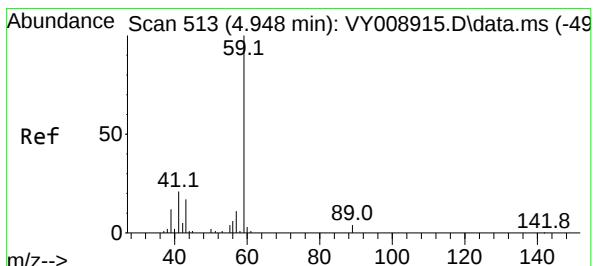
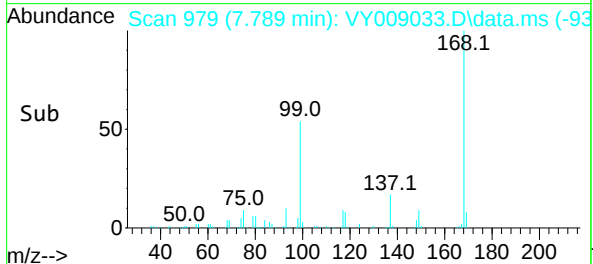
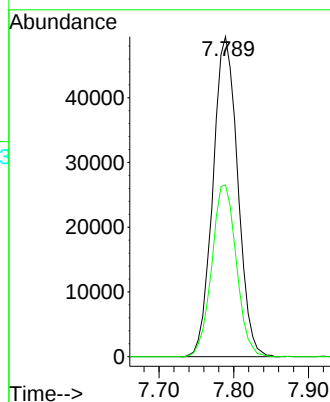
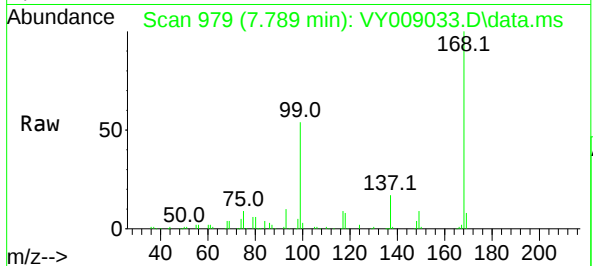




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

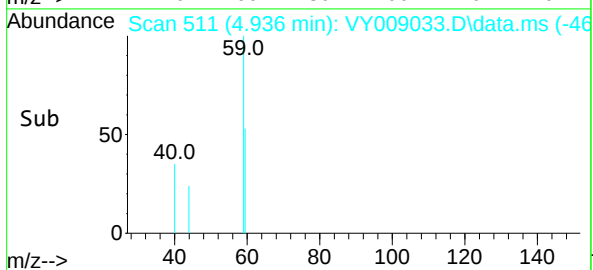
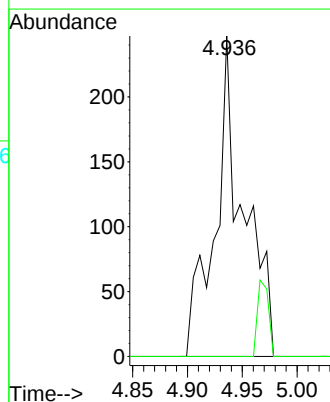
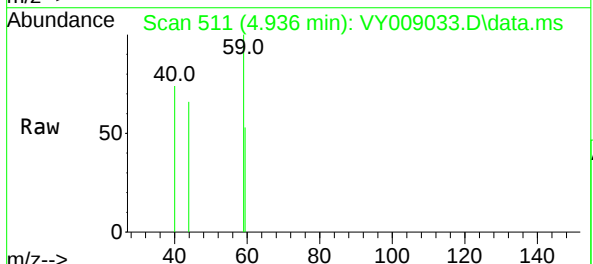
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0006-01

Tgt Ion:168 Resp: 113781
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.746 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

Tgt Ion: 59 Resp: 445
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

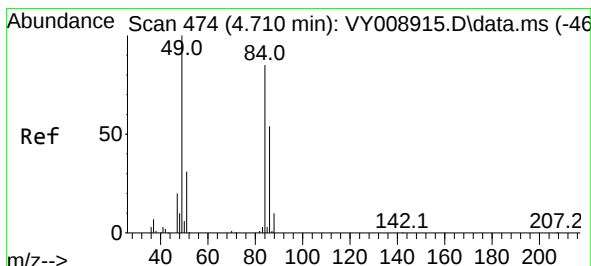
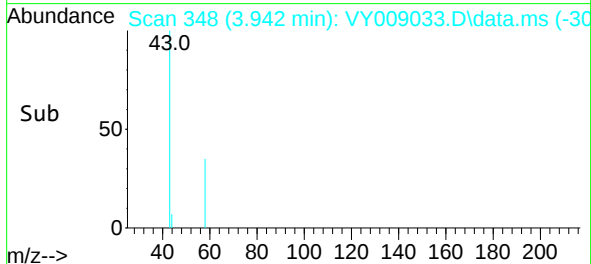
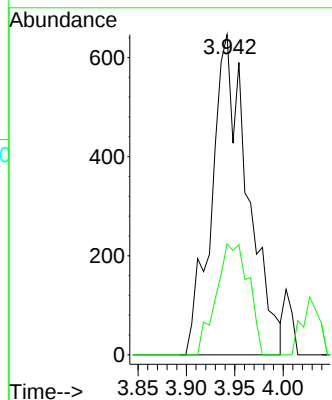
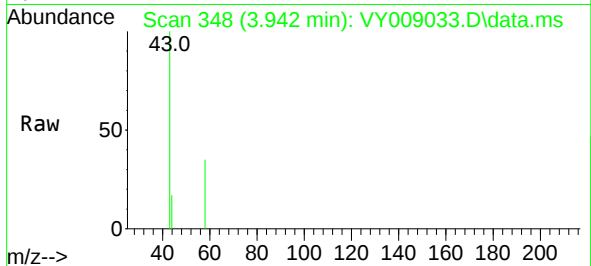




#16
Acetone
Concen: 6.888 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

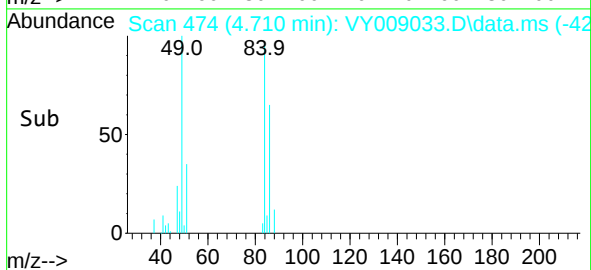
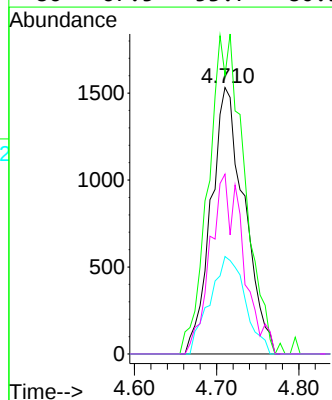
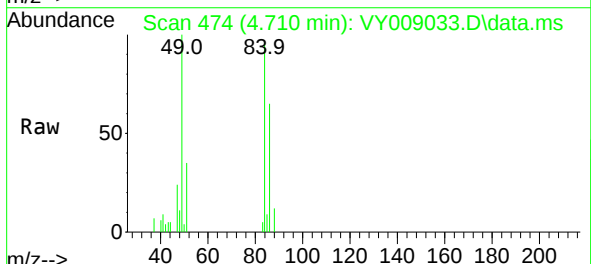
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0006-01

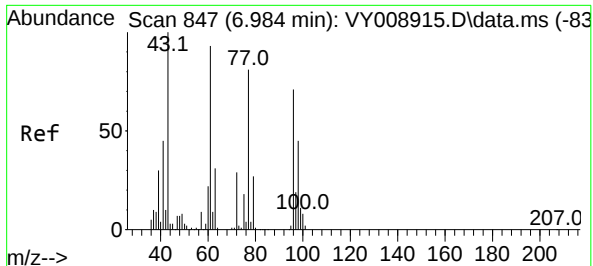
Tgt Ion: 43 Resp: 1679
Ion Ratio Lower Upper
43 100
58 34.7 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

Tgt Ion: 84 Resp: 4318
Ion Ratio Lower Upper
84 100
49 104.6 114.4 171.6#
51 36.6 35.3 52.9
86 67.5 53.7 80.5

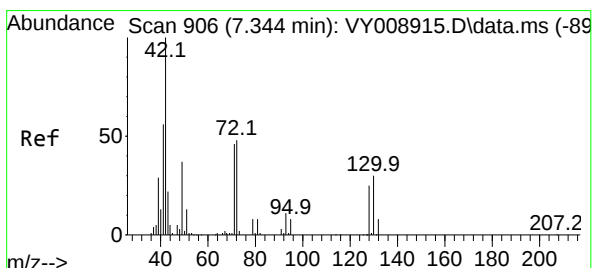
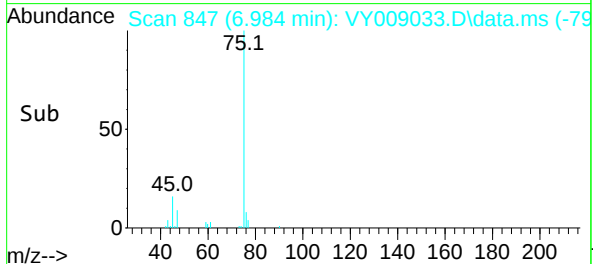
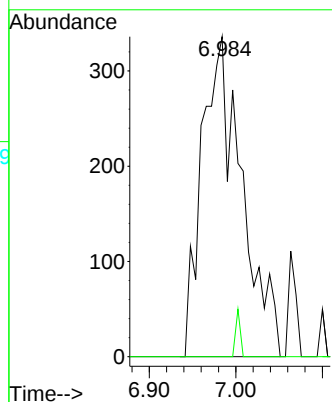
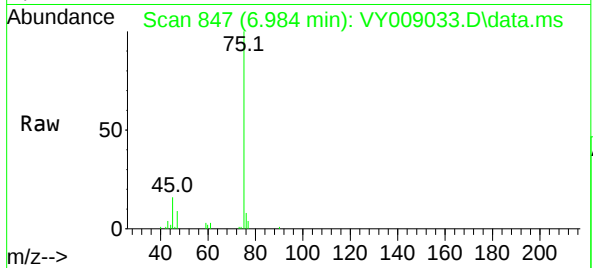




#25
2-Butanone
Concen: 2.469 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

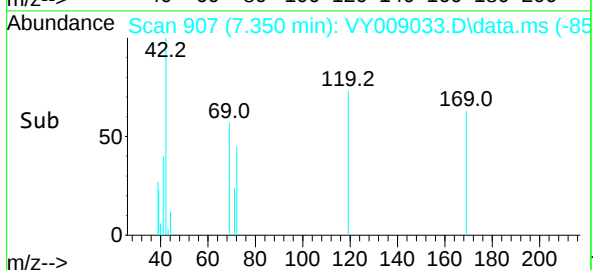
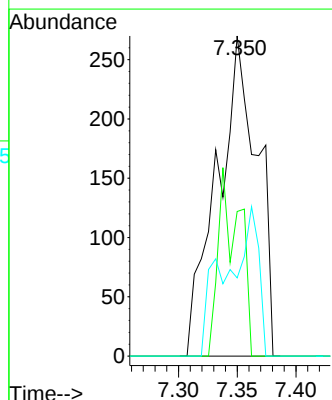
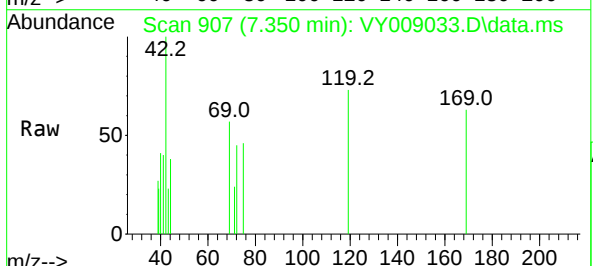
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0006-01

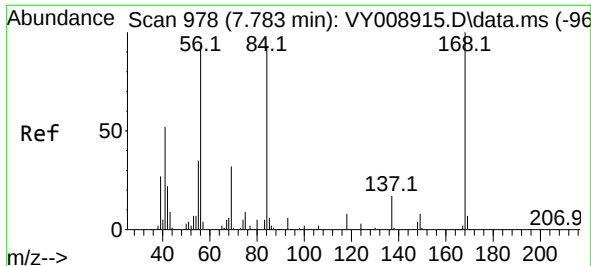
Tgt Ion: 43 Resp: 1075
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#29
Tetrahydrofuran
Concen: 2.174 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

Tgt Ion: 42 Resp: 643
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 17.1 29.0 43.4#

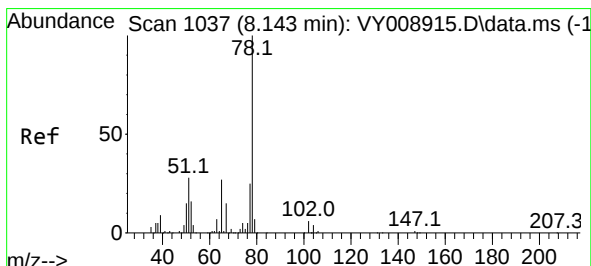
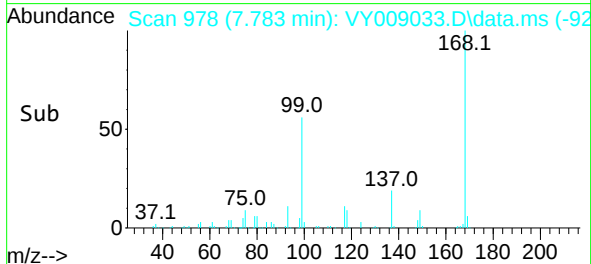
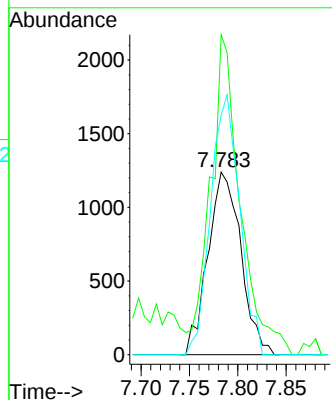
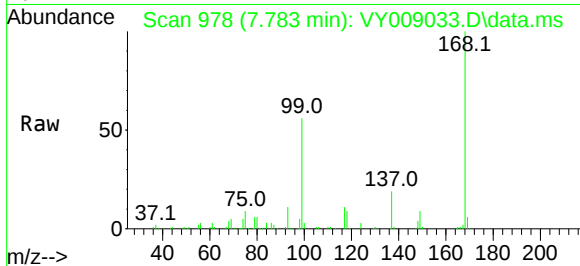




#31
Cyclohexane
Concen: 1.280 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

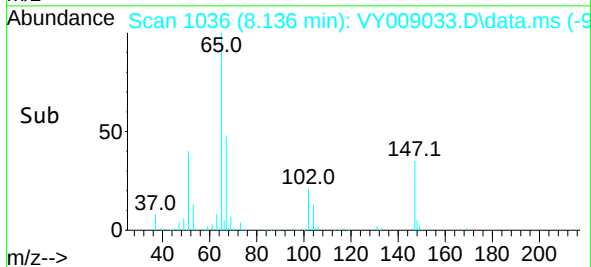
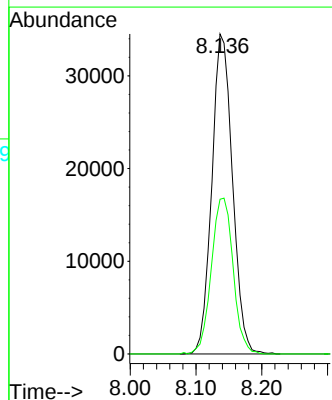
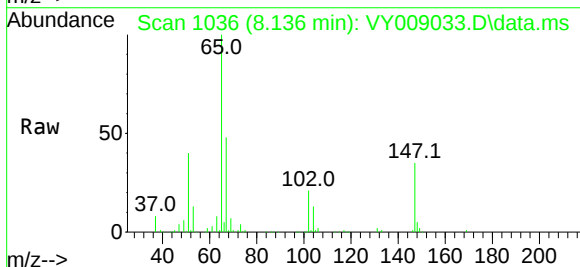
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0006-01

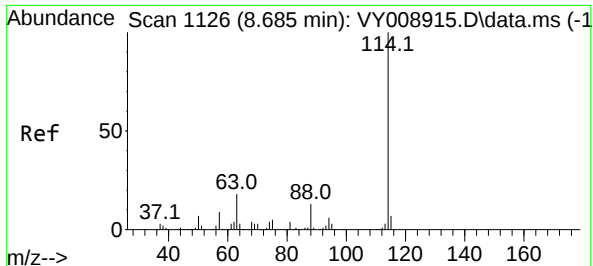
Tgt Ion: 56 Resp: 2932
Ion Ratio Lower Upper
56 100
69 163.8 26.7 40.1#
84 131.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.492 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

Tgt Ion: 65 Resp: 75521
Ion Ratio Lower Upper
65 100
67 51.4 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: VY009033.D

Acq: 24 May 2022 02:24

Instrument :

MSVOA_Y

ClientSampleId :

P036-SS001-0006-01

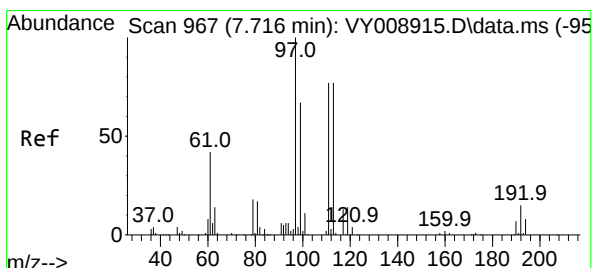
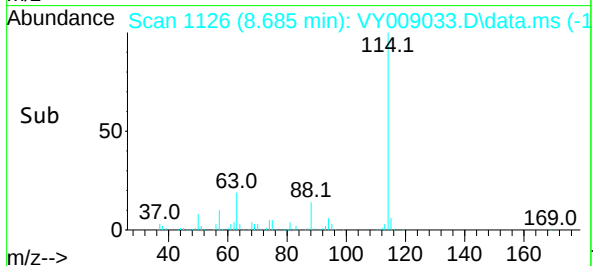
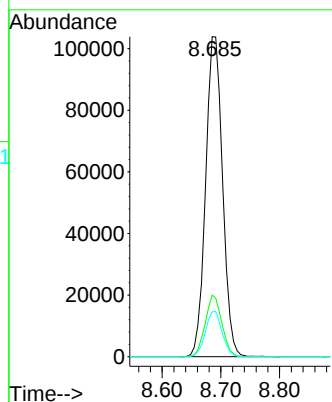
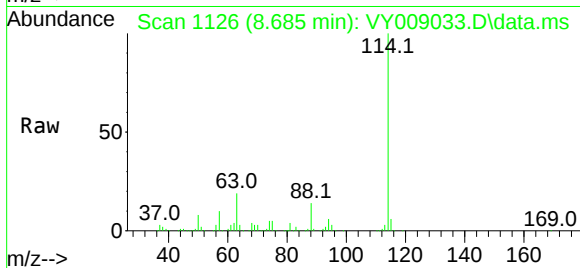
Tgt Ion:114 Resp: 207923

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.508 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009033.D

Acq: 24 May 2022 02:24

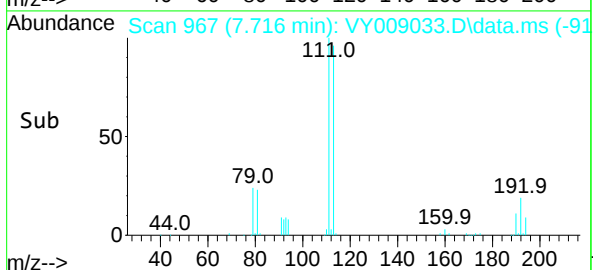
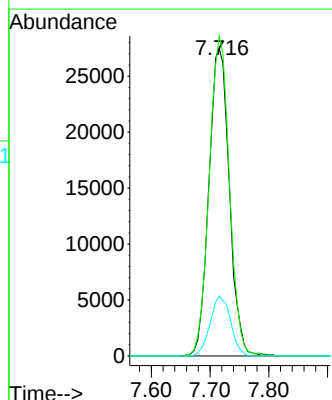
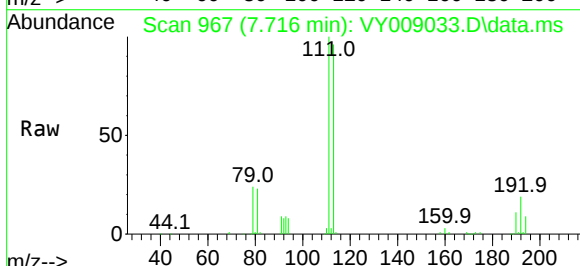
Tgt Ion:113 Resp: 66598

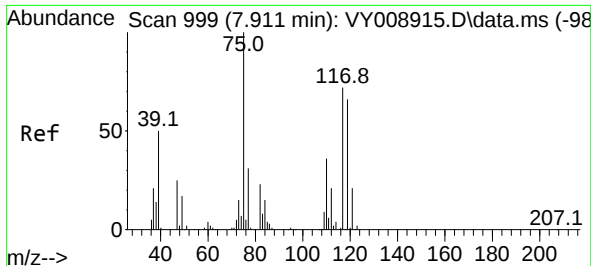
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.611 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009033.D

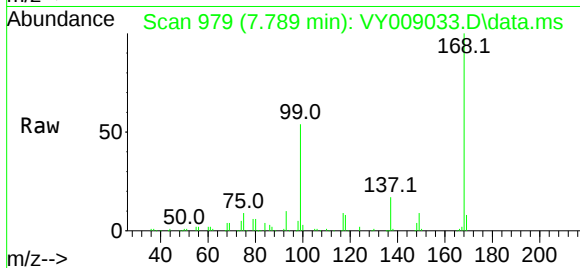
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Instrument :

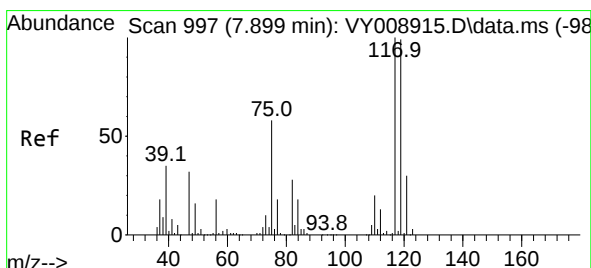
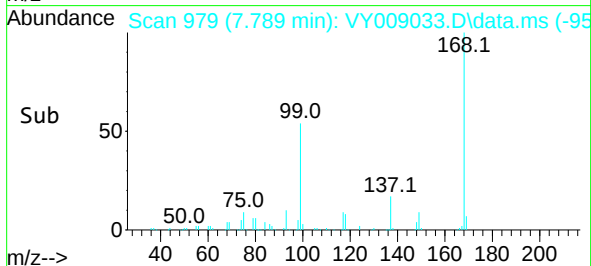
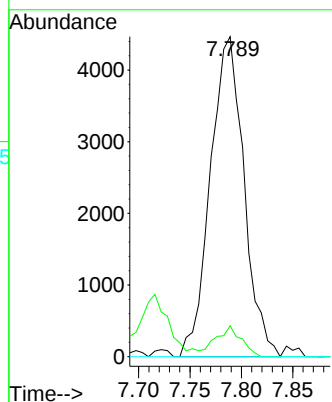
MSVOA_Y

ClientSampleId :

P036-SS001-0006-01



Tgt Ion:	75	Resp:	10145
Ion Ratio	Lower	Upper	
75	100		
110	7.3	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.189 ug/l

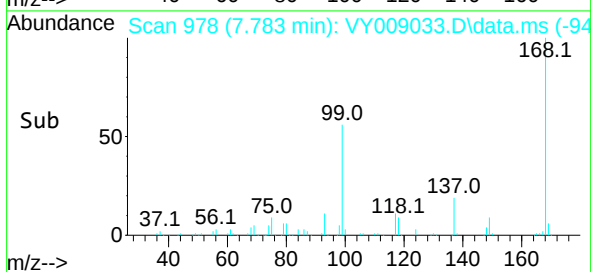
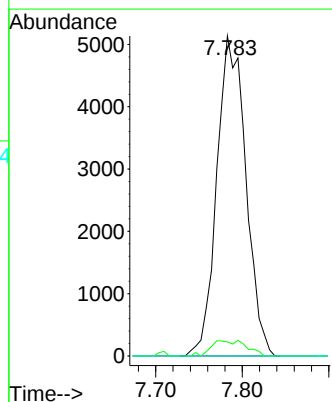
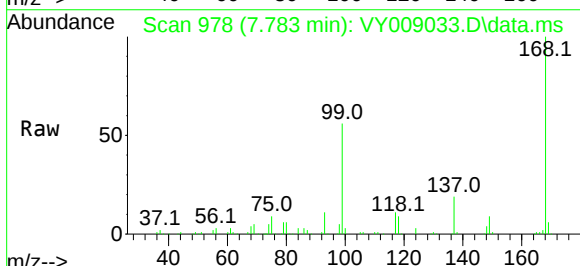
RT: 7.783 min Scan# 978

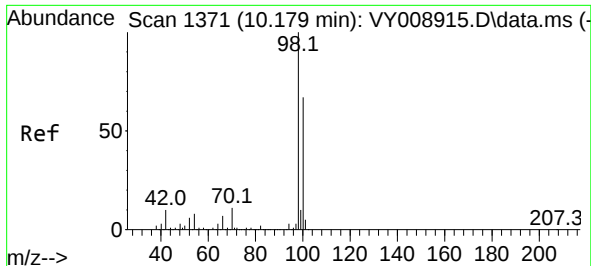
Delta R.T. -0.116 min

Lab File: VY009033.D

Acq: 24 May 2022 02:24

Tgt Ion:	117	Resp:	11944
Ion Ratio	Lower	Upper	
117	100		
119	4.4	77.9	116.9#
121	0.0	24.8	37.2#

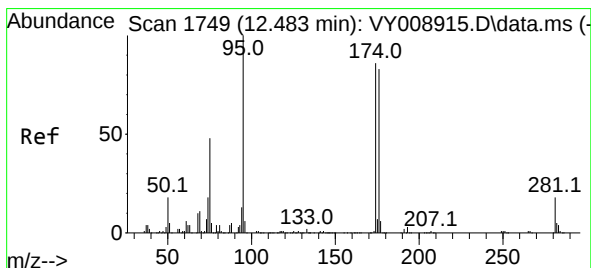
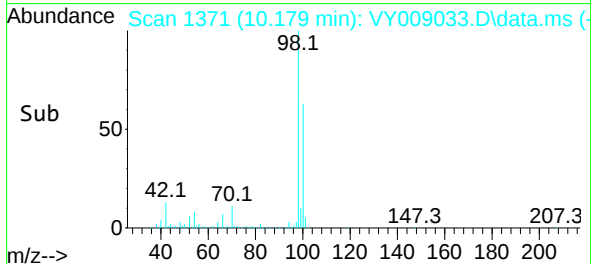
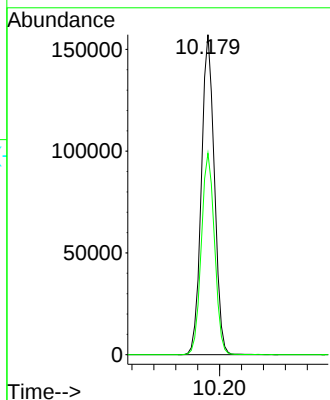
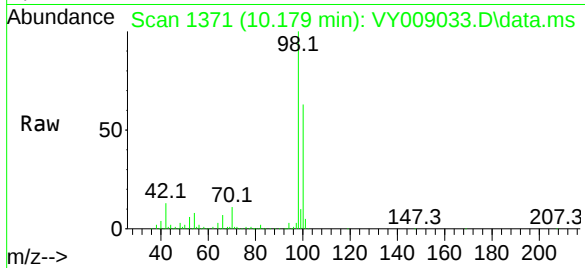




#50
Toluene-d8
Concen: 54.211 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

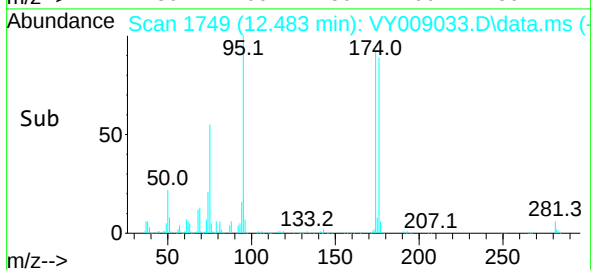
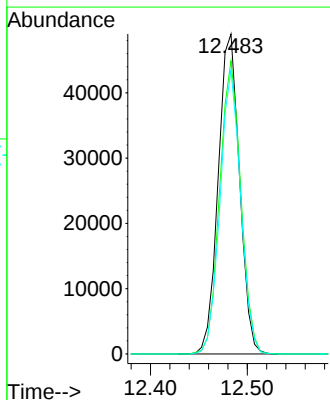
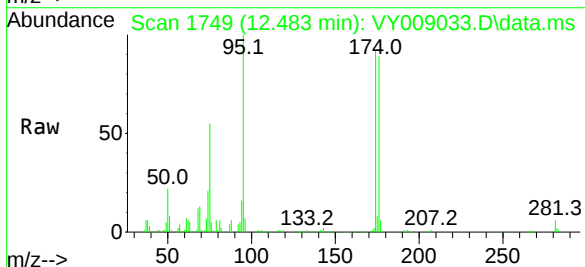
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0006-01

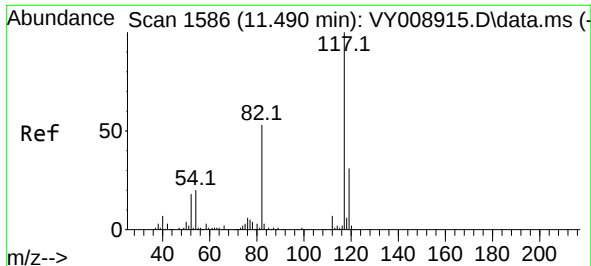
Tgt Ion: 98 Resp: 258579
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

Tgt Ion: 95 Resp: 74755
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 86.1 0.0 175.8

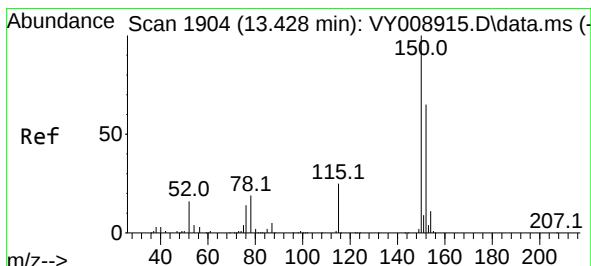
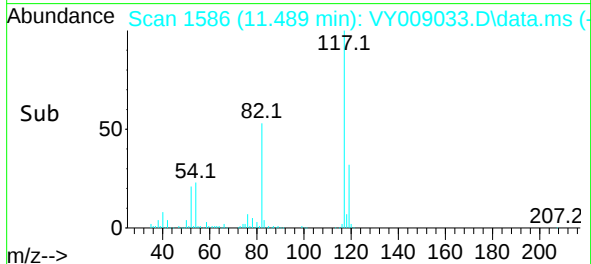
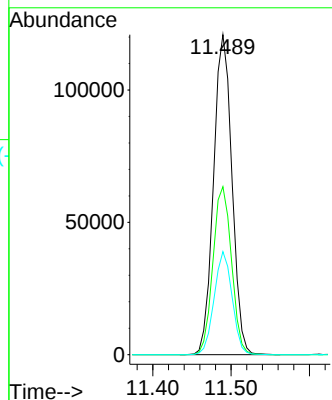
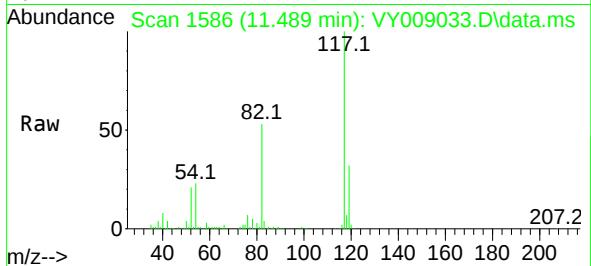




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

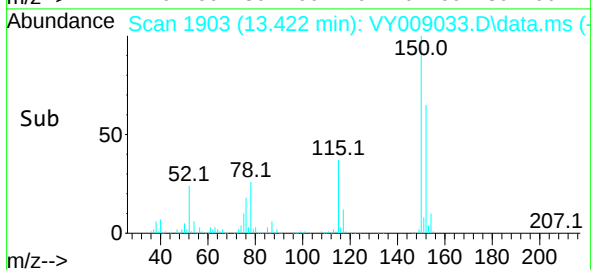
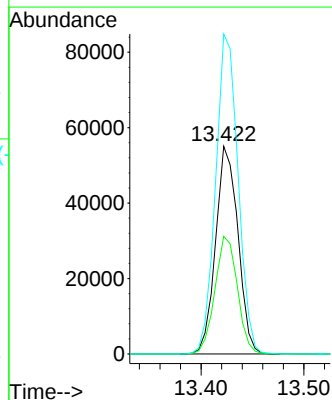
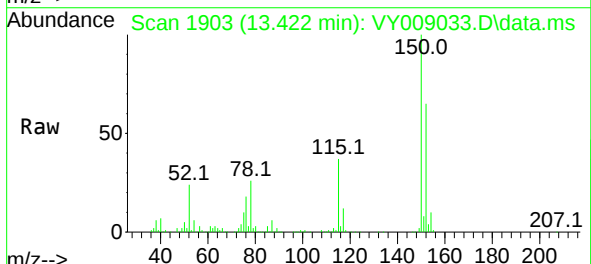
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0006-01

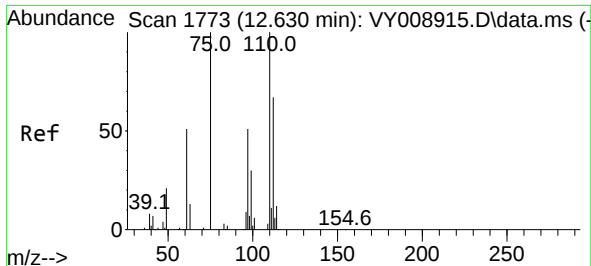
Tgt Ion:117 Resp: 197678
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

Tgt Ion:152 Resp: 83034
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 155.1 0.0 347.6

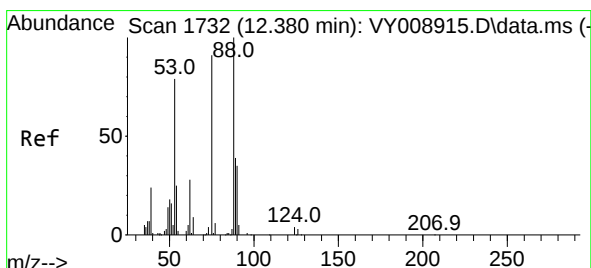
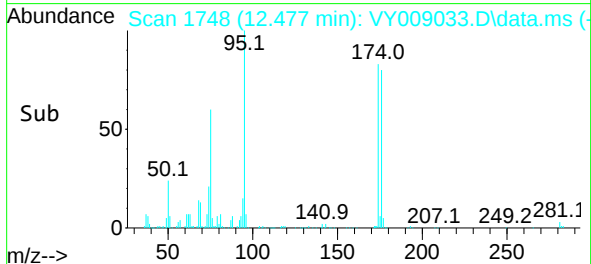
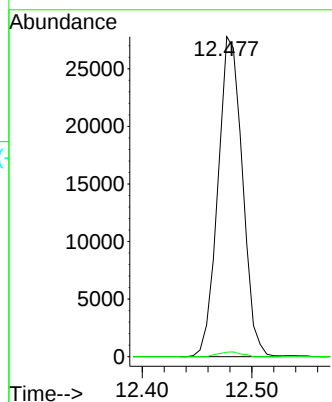
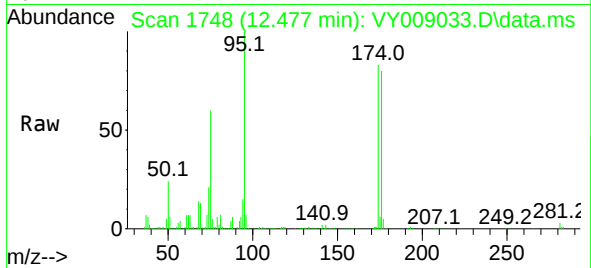




#76
1,2,3-Trichloropropane
Concen: 48.404 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0006-01

Tgt Ion: 75 Resp: 43161
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.349 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009033.D
Acq: 24 May 2022 02:24

Tgt Ion: 75 Resp: 43161
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

