

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009041.D
 Acq On : 24 May 2022 05:31
 Operator : KP/MD
 Sample : N2948-27
 Misc : 5.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-02

Quant Time: May 24 07:49:08 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)

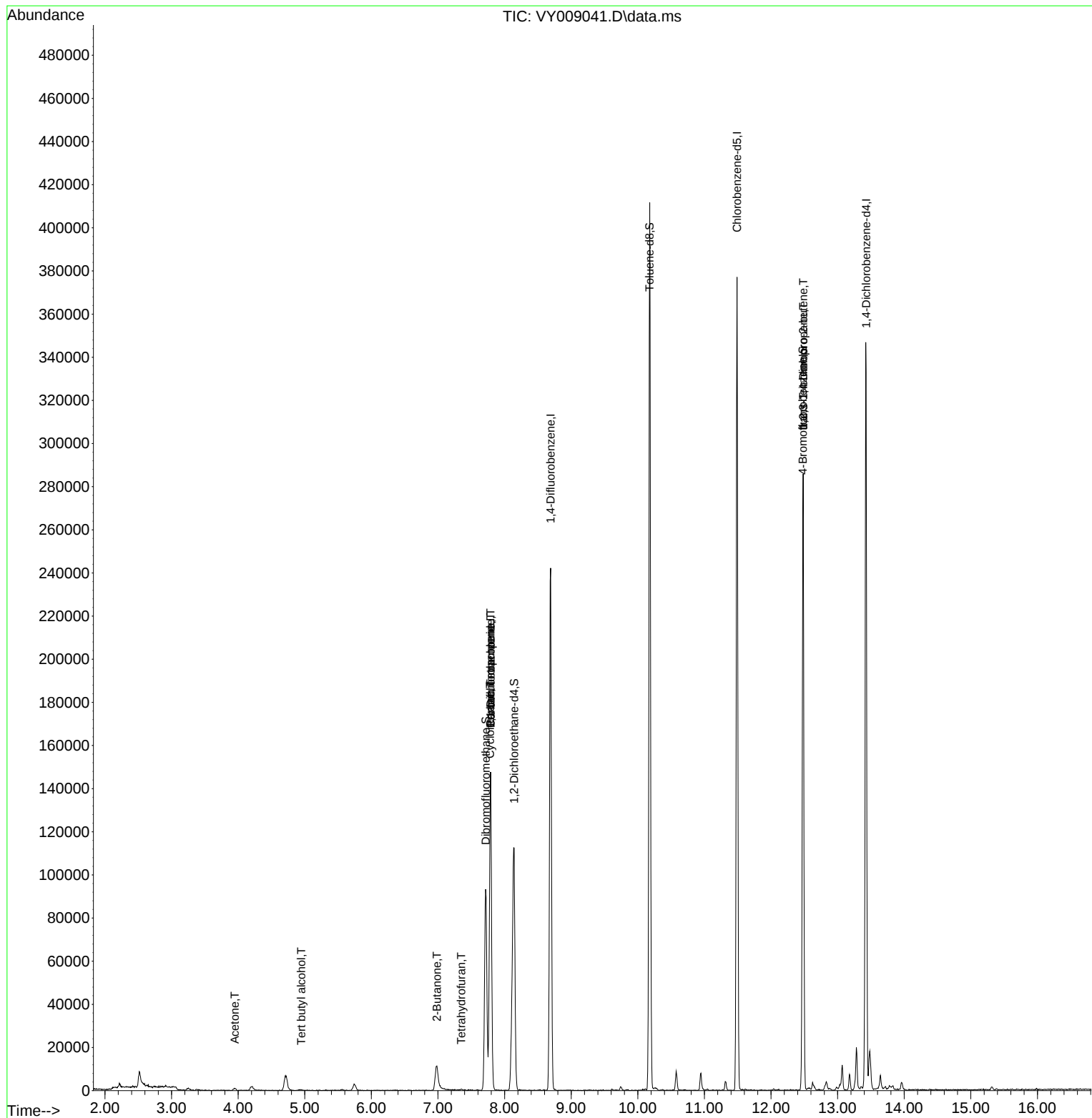
Internal Standards						
1) Pentafluorobenzene	7.789	168	110304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	190989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71386	62.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.760%	
35) Dibromofluoromethane	7.716	113	64608	51.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.420%	
50) Toluene-d8	10.179	98	255384	54.874	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.740%	
62) 4-Bromofluorobenzene	12.477	95	73883	39.355	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	183	1.589	ug/l #	77
16) Acetone	3.948	43	1599	6.767	ug/l	95
20) Methylene Chloride	4.710	84	5452	Below Cal	#	74
25) 2-Butanone	6.984	43	690	1.635	ug/l #	54
29) Tetrahydrofuran	7.350	42	324	1.130	ug/l #	63
31) Cyclohexane	7.783	56	2902	1.307	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9554	4.450	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10974	4.886	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	43283	47.426	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43283	97.341	ug/l #	8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
Data File : VY009041.D
Acq On : 24 May 2022 05:31
Operator : KP/MD
Sample : N2948-27
Misc : 5.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-02

Quant Time: May 24 07:49:08 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

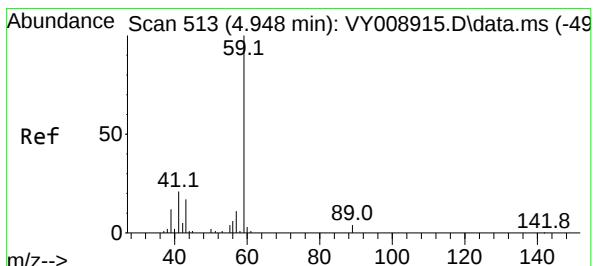
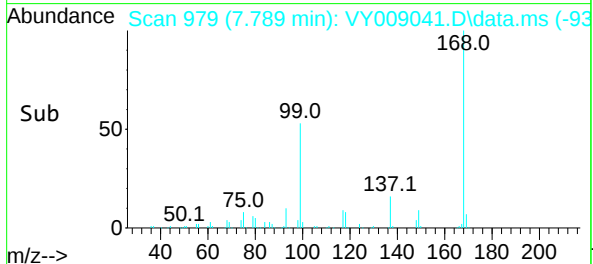
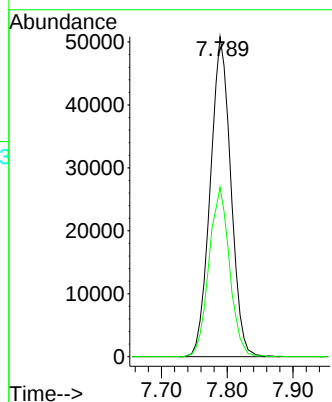
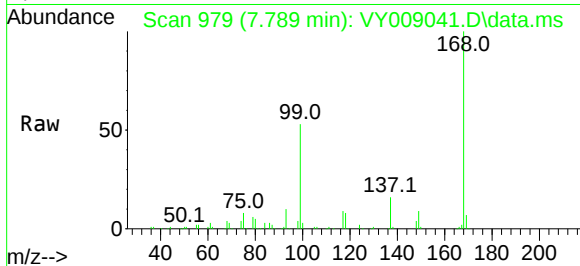




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

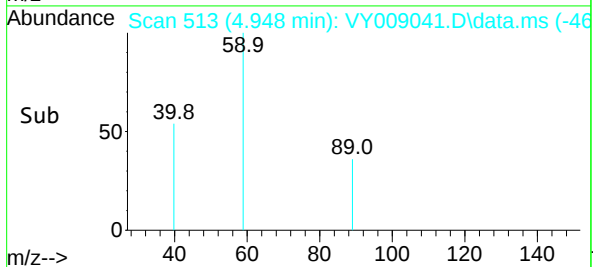
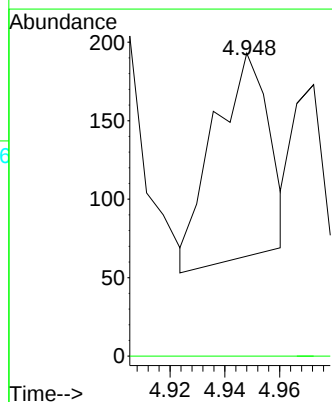
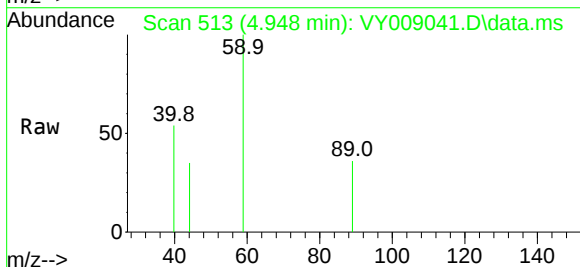
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-02

Tgt Ion:168 Resp: 110304
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.589 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

Tgt Ion: 59 Resp: 183
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

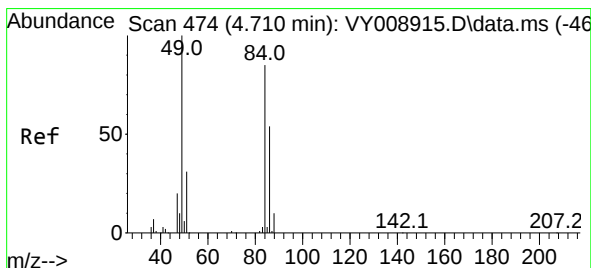
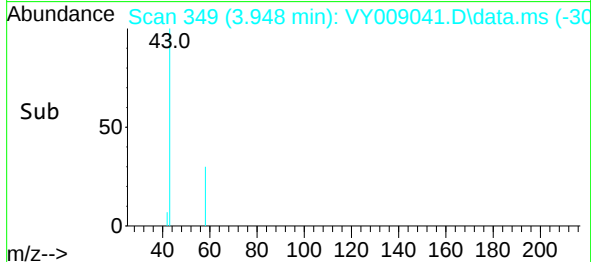
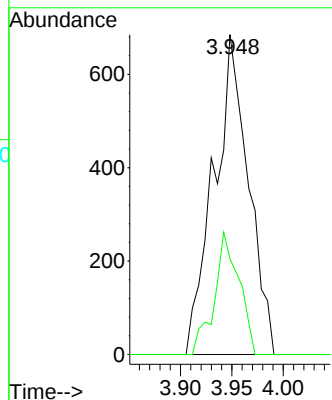
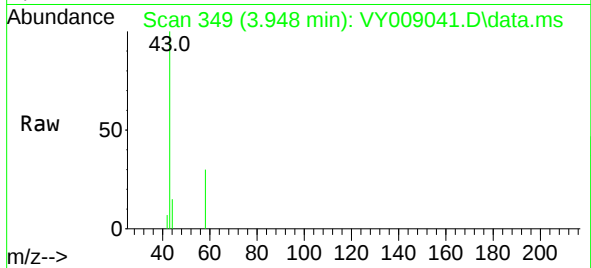




#16
Acetone
Concen: 6.767 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

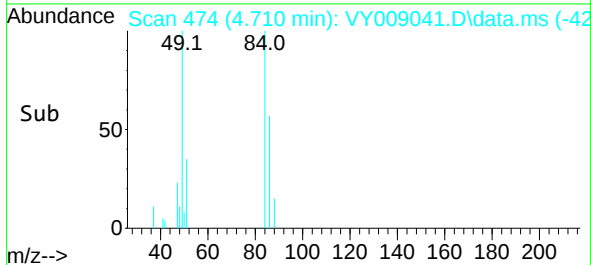
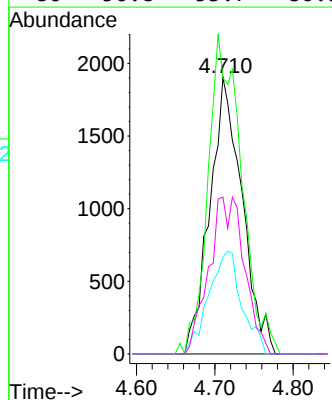
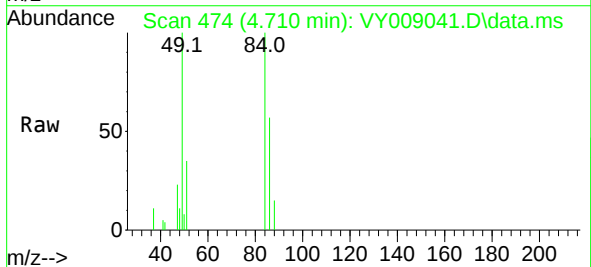
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-02

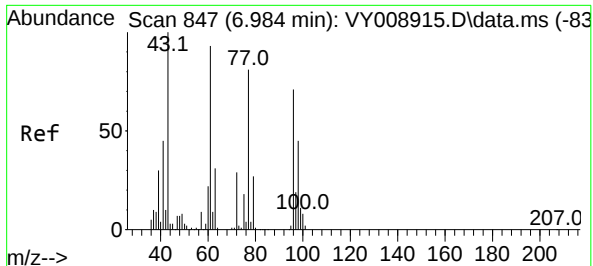
Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
58 29.9 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

Tgt Ion: 84 Resp: 5452
Ion Ratio Lower Upper
84 100
49 99.8 114.4 171.6#
51 35.1 35.3 52.9#
86 56.8 53.7 80.5

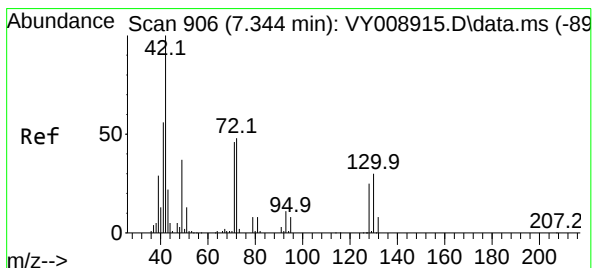
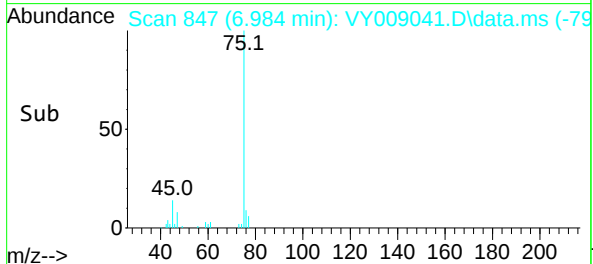
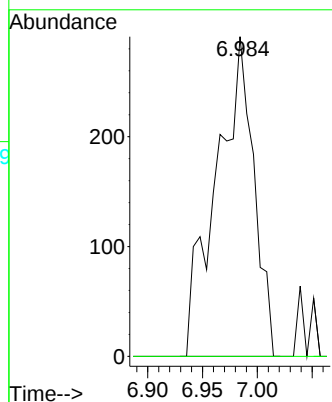
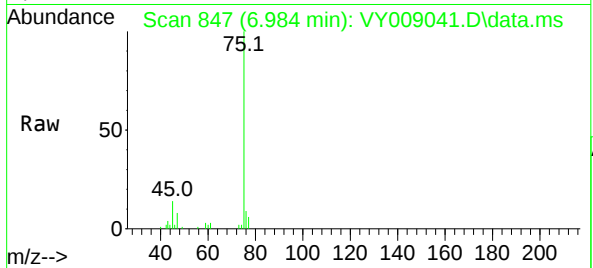




#25
2-Butanone
Concen: 1.635 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

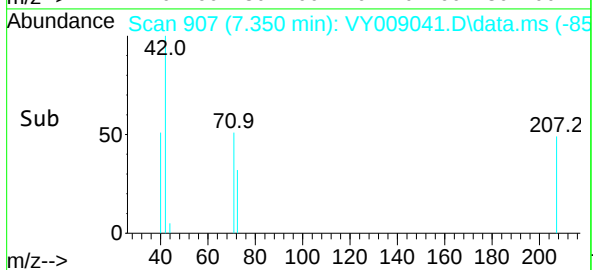
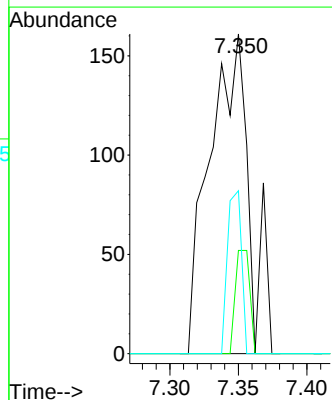
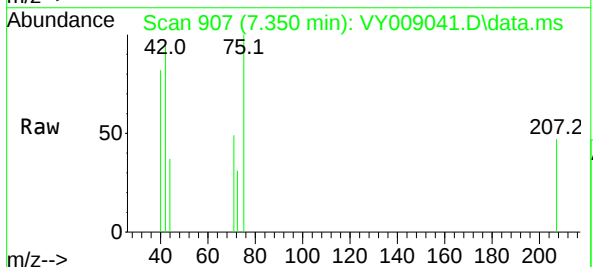
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-02

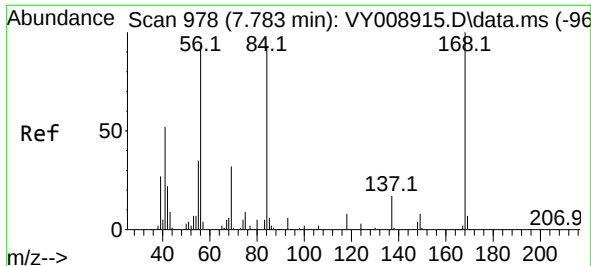
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.130 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

Tgt Ion: 42 Resp: 324
Ion Ratio Lower Upper
42 100
72 11.7 30.3 45.5#
71 17.9 29.0 43.4#

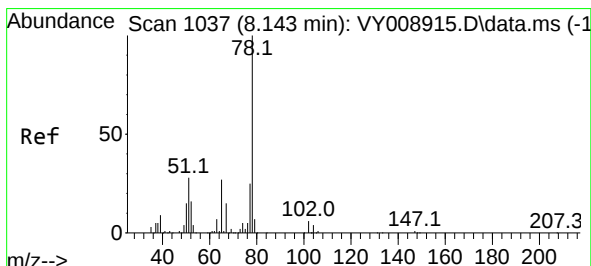
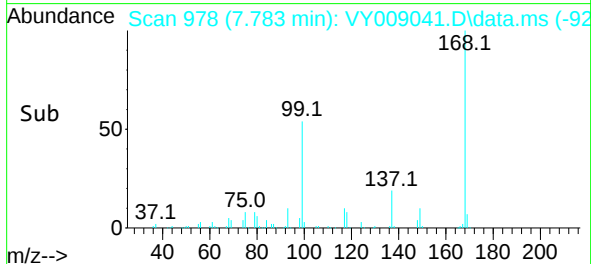
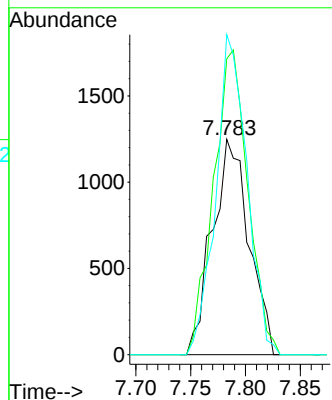
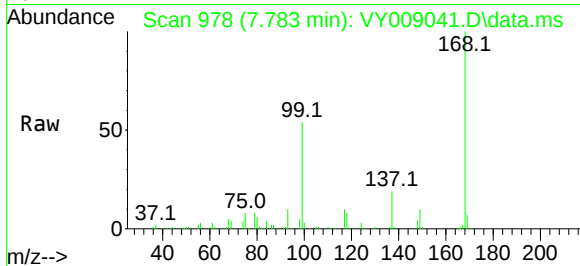




#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

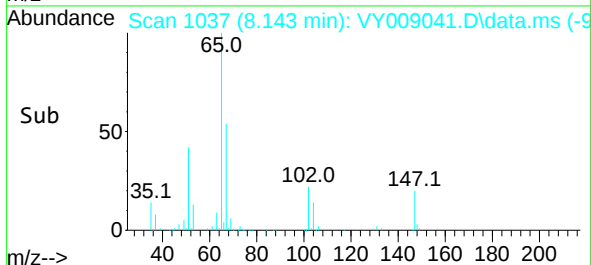
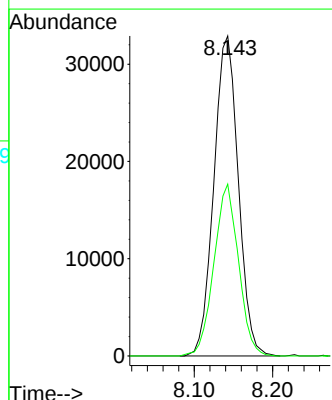
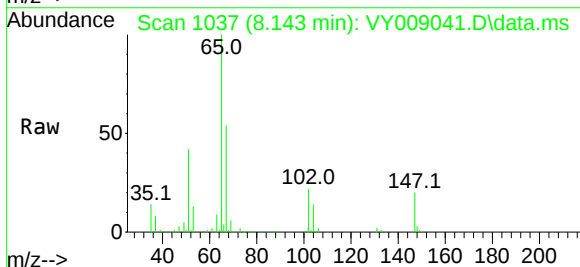
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-02

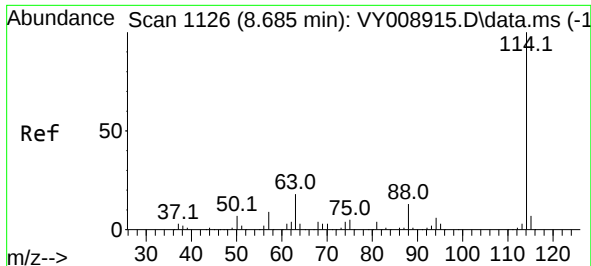
Tgt Ion: 56 Resp: 2902
Ion Ratio Lower Upper
56 100
69 137.4 26.7 40.1#
84 148.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.882 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

Tgt Ion: 65 Resp: 71386
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009041.D

Acq: 24 May 2022 05:31

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-02

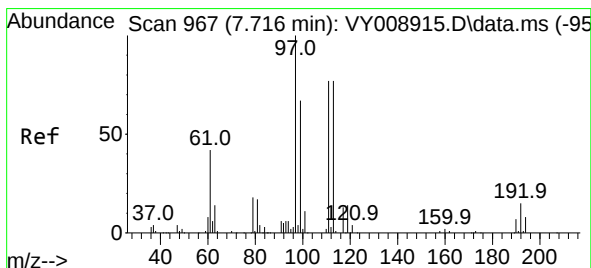
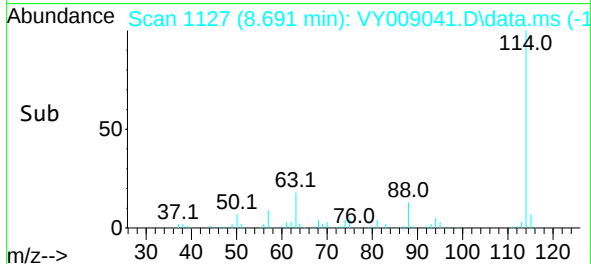
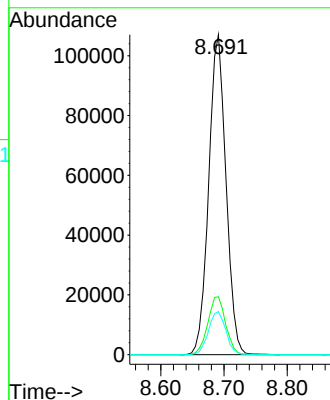
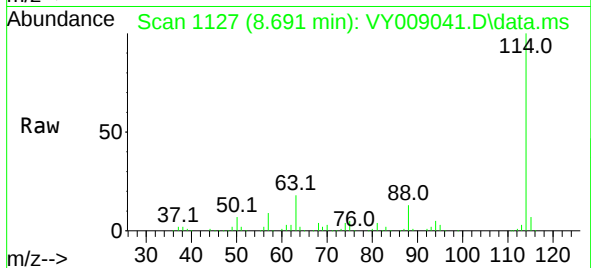
Tgt Ion:114 Resp: 202870

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.214 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009041.D

Acq: 24 May 2022 05:31

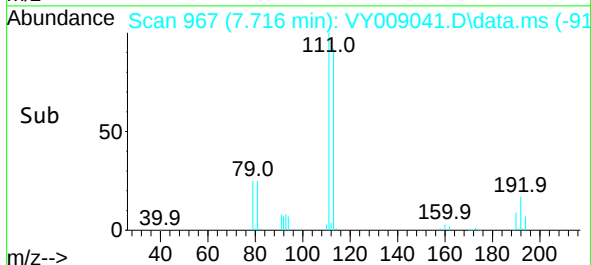
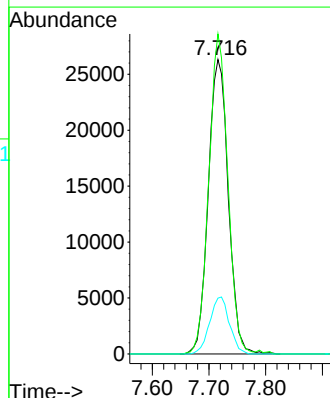
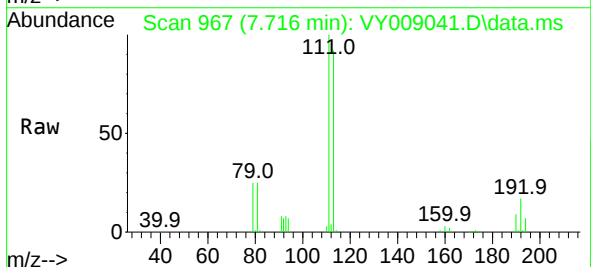
Tgt Ion:113 Resp: 64608

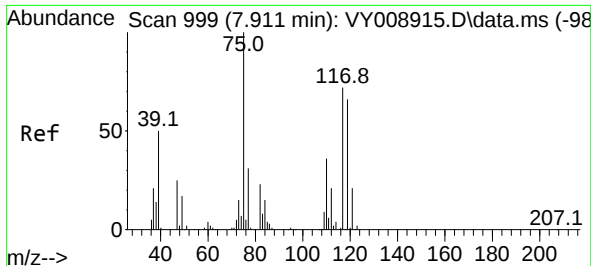
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 19.1 17.6 26.4

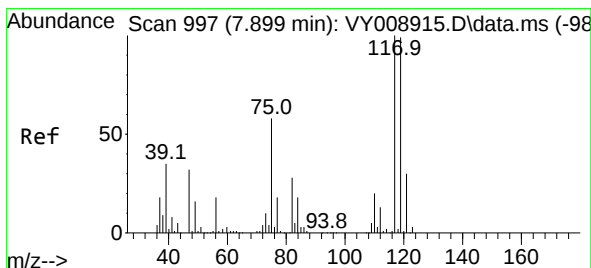
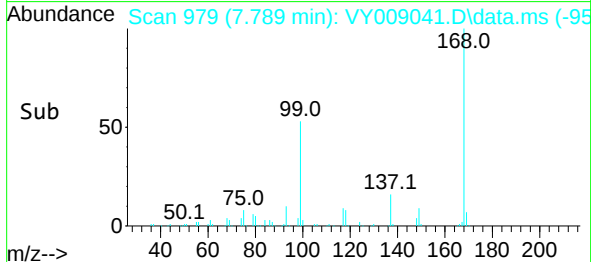
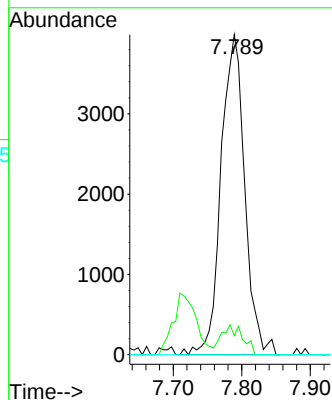
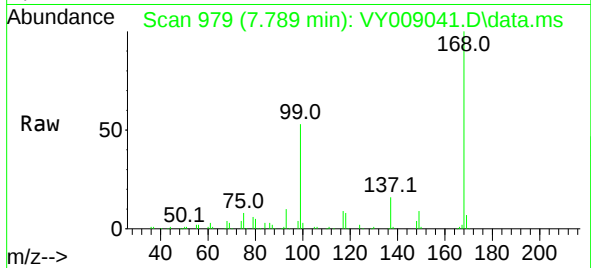




#36
1,1-Dichloropropene
Concen: 4.450 ug/l
RT: 7.789 min Scan# 919
Delta R.T. -0.122 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

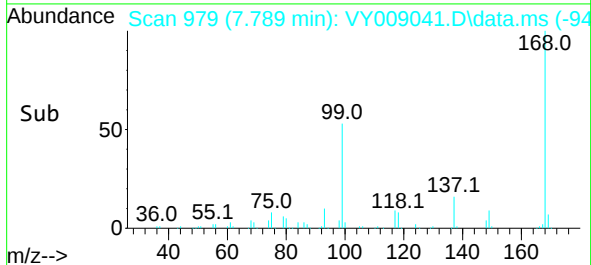
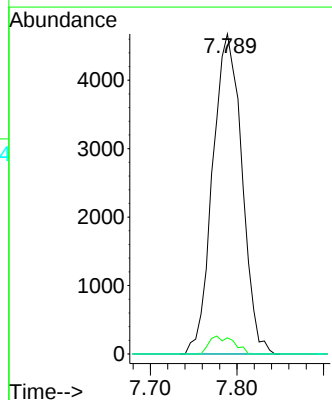
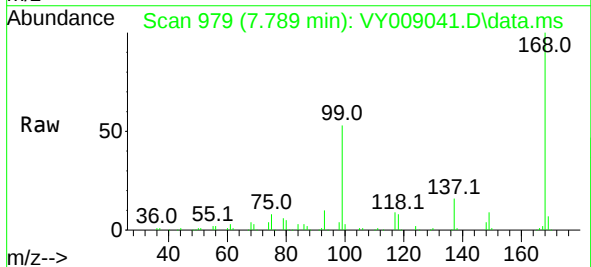
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-02

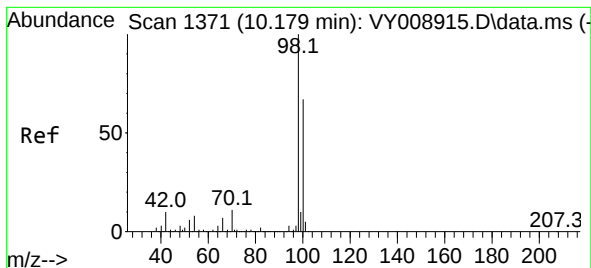
Tgt Ion: 75 Resp: 9554
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.886 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

Tgt Ion: 117 Resp: 10974
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

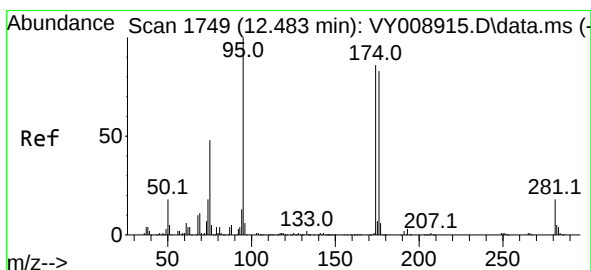
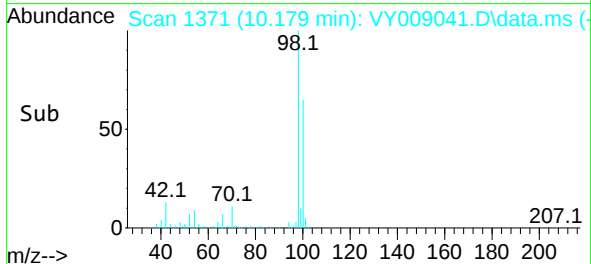
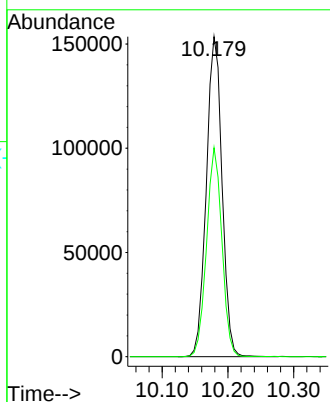
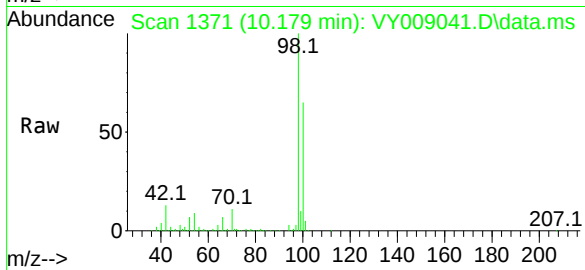




#50
Toluene-d8
Concen: 54.874 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

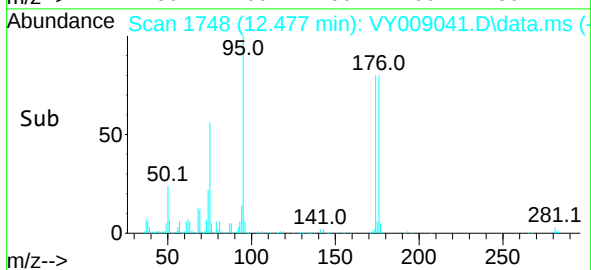
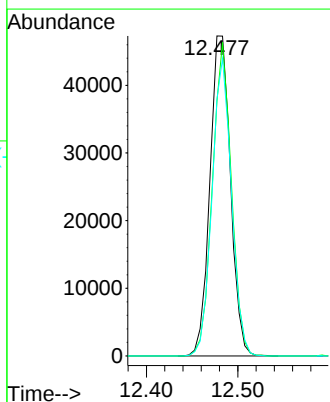
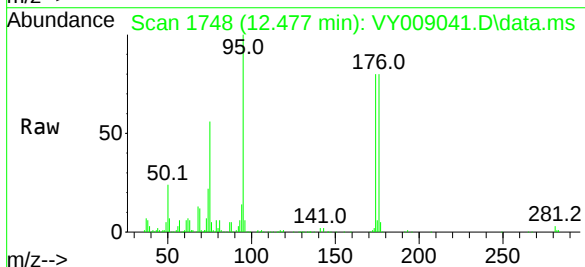
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-02

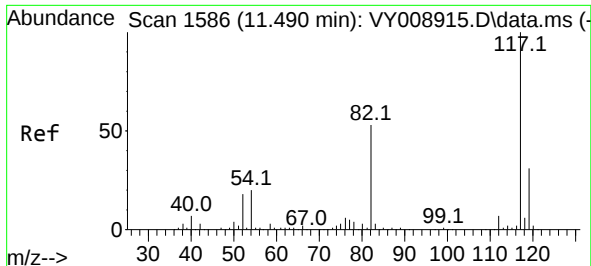
Tgt Ion: 98 Resp: 255384
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.355 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

Tgt Ion: 95 Resp: 73883
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 87.9 0.0 175.8

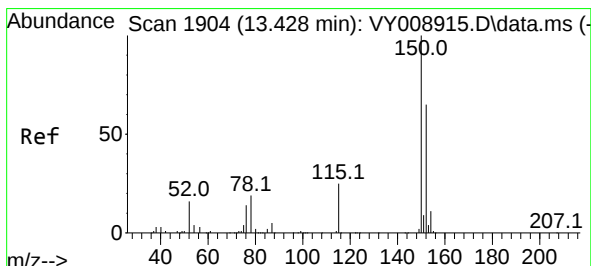
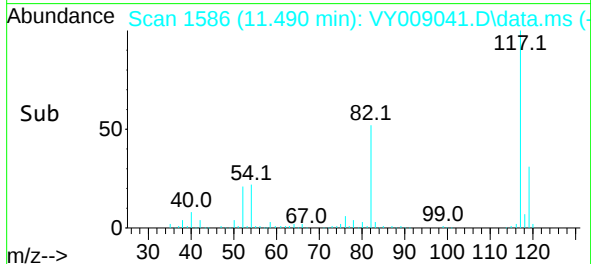
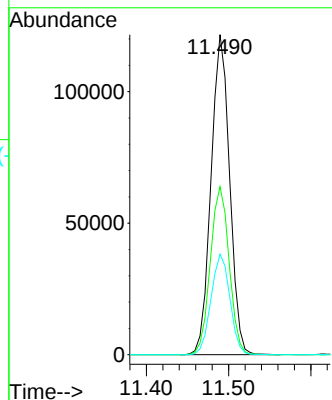
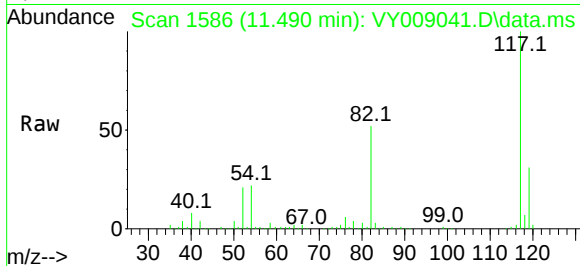




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

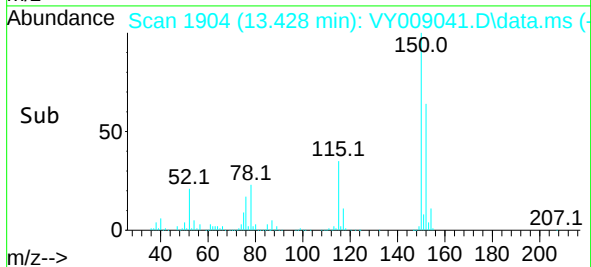
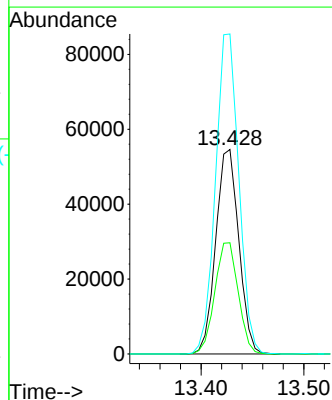
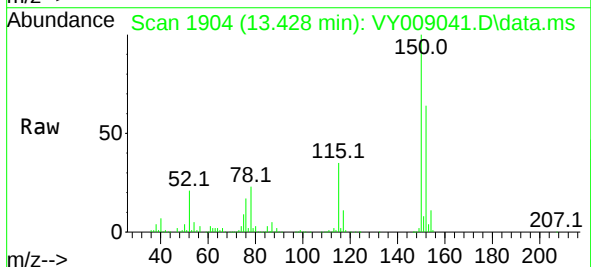
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-02

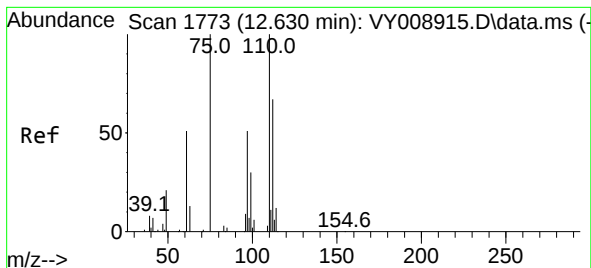
Tgt Ion:117 Resp: 190989
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009041.D
Acq: 24 May 2022 05:31

Tgt Ion:152 Resp: 84986
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 158.2 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 47.426 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY009041.D

Acq: 24 May 2022 05:31

Instrument :

MSVOA_Y

ClientSampleId :

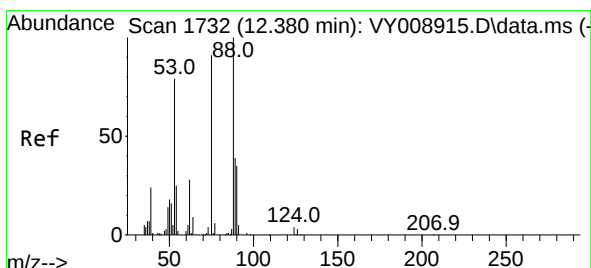
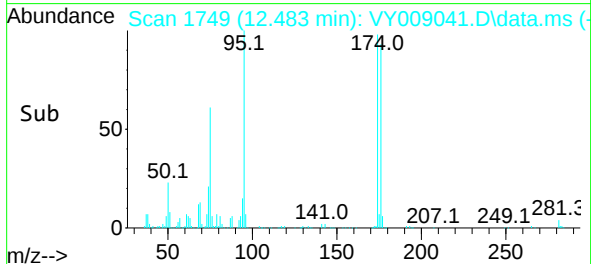
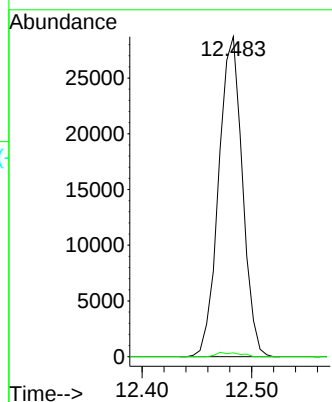
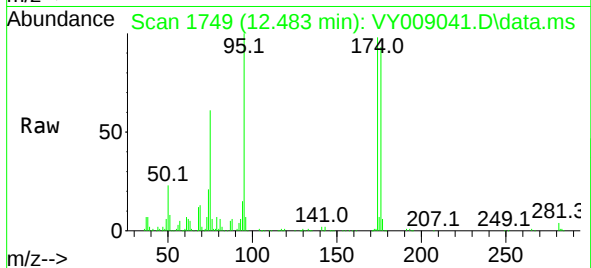
P037-SS001-1218-02

Tgt Ion: 75 Resp: 43283

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.341 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY009041.D

Acq: 24 May 2022 05:31

Tgt Ion: 75 Resp: 43283

Ion Ratio Lower Upper

75 100

53 0.5 85.3 127.9#

89 0.2 37.0 55.4#

