

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009127.D
 Acq On : 02 Jun 2022 15:04
 Operator : KP/MD
 Sample : N3139-01
 Misc : 4.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Jun 03 03:12:29 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)

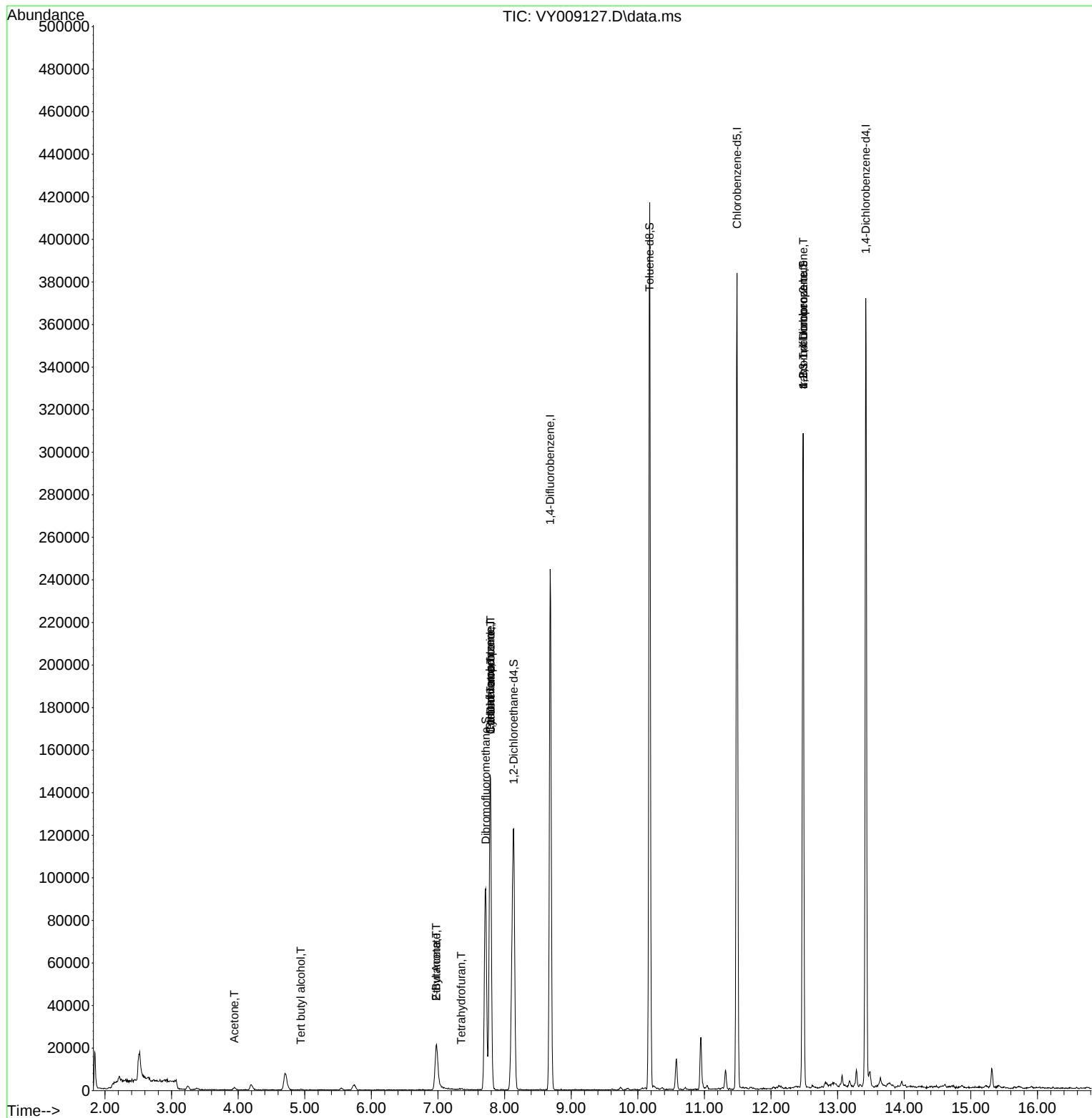
Internal Standards						
1) Pentafluorobenzene	7.783	168	114200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	205657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73627	62.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.280%	
35) Dibromofluoromethane	7.716	113	64627	50.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.060%	
50) Toluene-d8	10.179	98	254541	53.952	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.900%	
62) 4-Bromofluorobenzene	12.483	95	77525	40.735	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	492	4.127	ug/l #	77
16) Acetone	3.942	43	2036	8.322	ug/l	99
20) Methylene Chloride	4.704	84	5871	Below Cal		85
25) 2-Butanone	6.972	43	1514	3.465	ug/l #	80
29) Tetrahydrofuran	7.350	42	329	1.108	ug/l #	74
31) Cyclohexane	7.789	56	2861	1.244	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	9761	4.485	ug/l #	51
37) Ethyl Acetate	6.972	43	1514	1.341	ug/l #	1
38) Carbon Tetrachloride	7.789	117	11758	5.165	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	46571	48.265	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46571	99.064	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
Data File : VY009127.D
Acq On : 02 Jun 2022 15:04
Operator : KP/MD
Sample : N3139-01
Misc : 4.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Quant Time: Jun 03 03:12:29 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

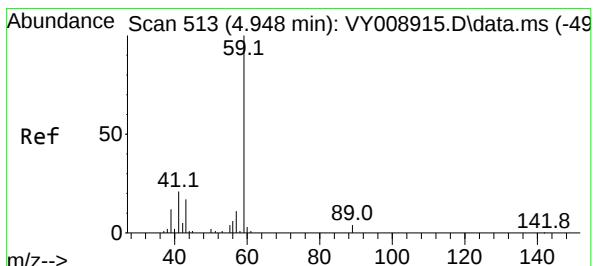
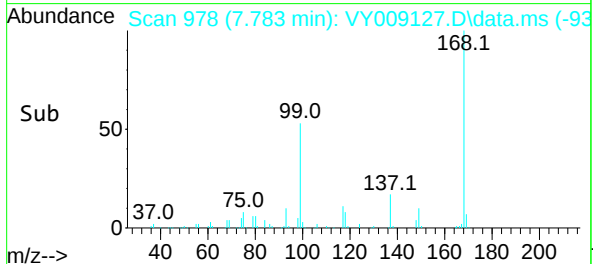
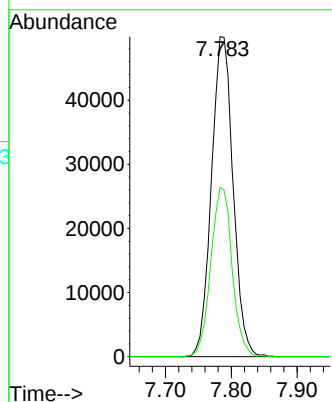
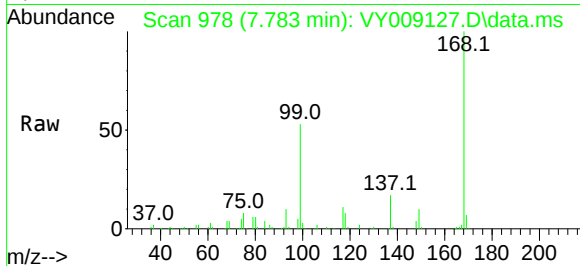




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009127.D
Acq: 02 Jun 2022 15:04

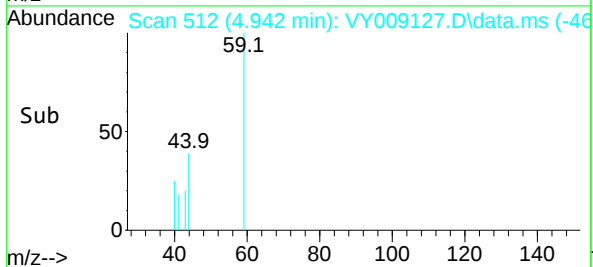
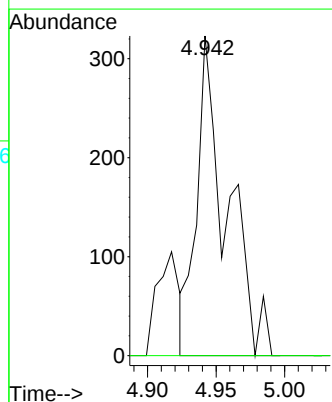
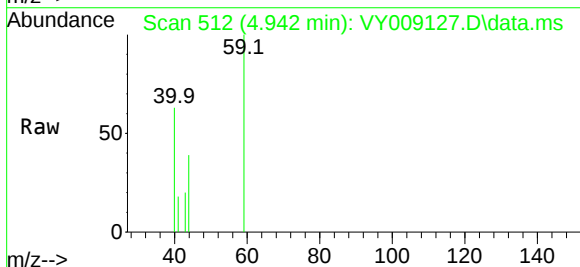
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

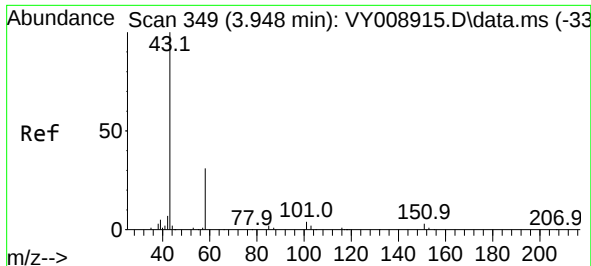
Tgt Ion:168 Resp: 114200
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.127 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009127.D
Acq: 02 Jun 2022 15:04

Tgt Ion: 59 Resp: 492
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

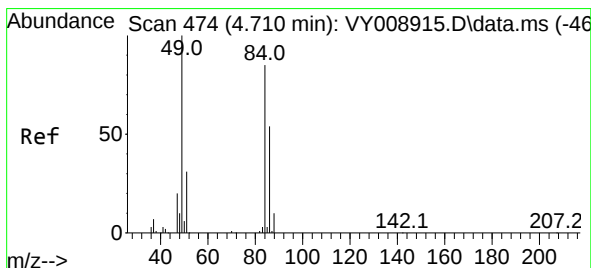
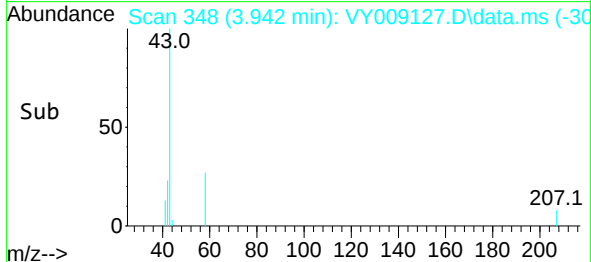
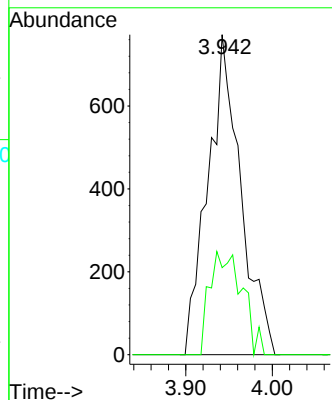
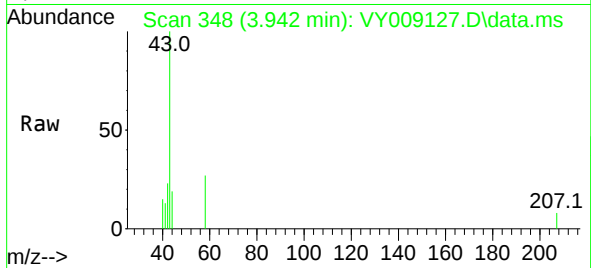




#16
Acetone
Concen: 8.322 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009127.D
Acq: 02 Jun 2022 15:04

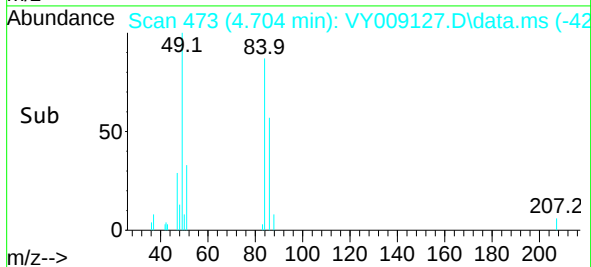
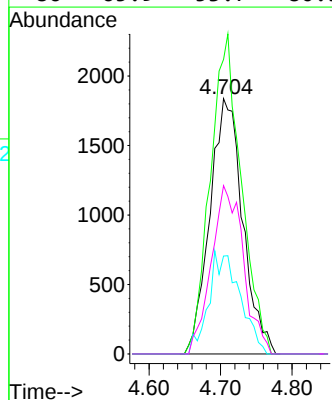
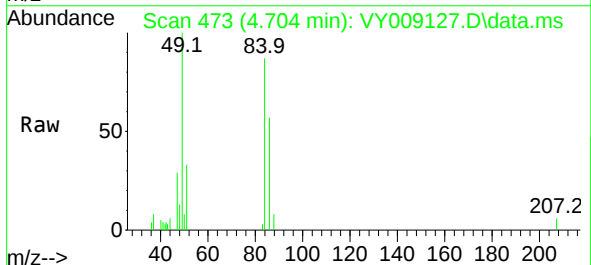
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

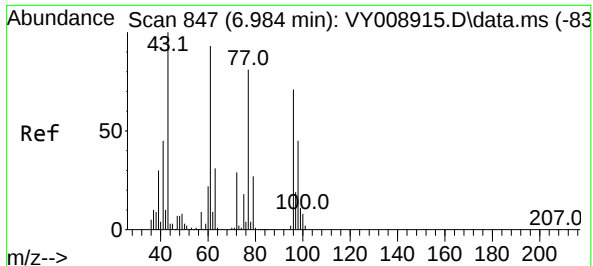
Tgt Ion: 43 Resp: 2036
Ion Ratio Lower Upper
43 100
58 27.2 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009127.D
Acq: 02 Jun 2022 15:04

Tgt Ion: 84 Resp: 5871
Ion Ratio Lower Upper
84 100
49 115.3 114.4 171.6
51 38.4 35.3 52.9
86 65.9 53.7 80.5





#25

2-Butanone

Concen: 3.465 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY009127.D

Acq: 02 Jun 2022 15:04

Instrument :

MSVOA_Y

ClientSampleId :

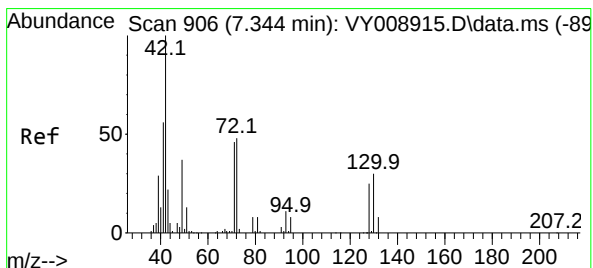
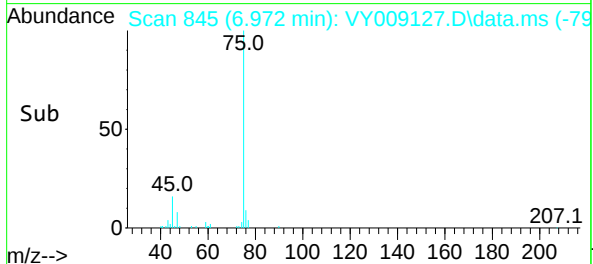
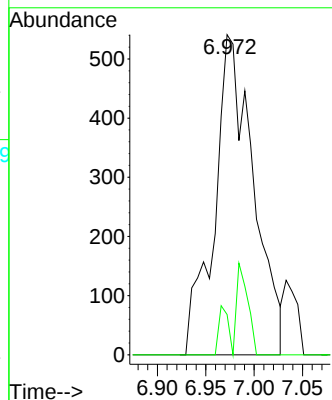
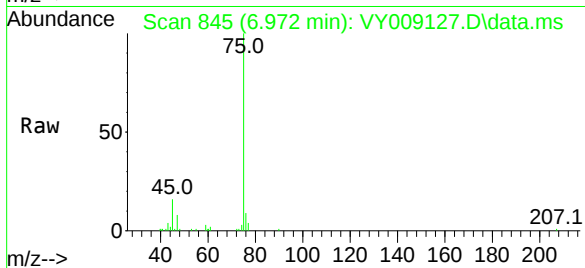
COMP-1

Tgt Ion: 43 Resp: 1514

Ion Ratio Lower Upper

43 100

72 12.6 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.108 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY009127.D

Acq: 02 Jun 2022 15:04

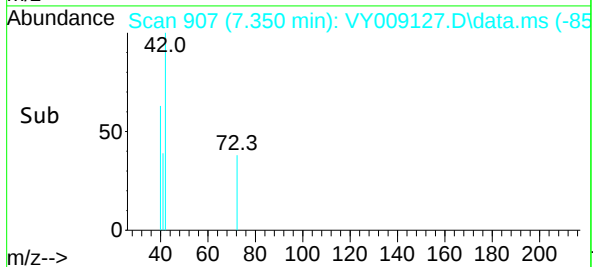
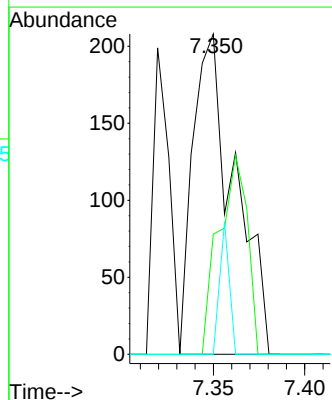
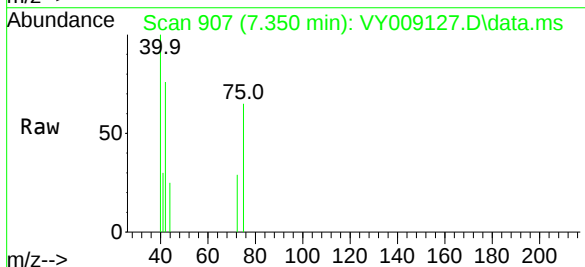
Tgt Ion: 42 Resp: 329

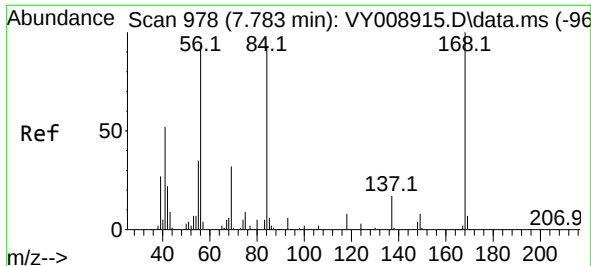
Ion Ratio Lower Upper

42 100

72 42.6 30.3 45.5

71 9.4 29.0 43.4#

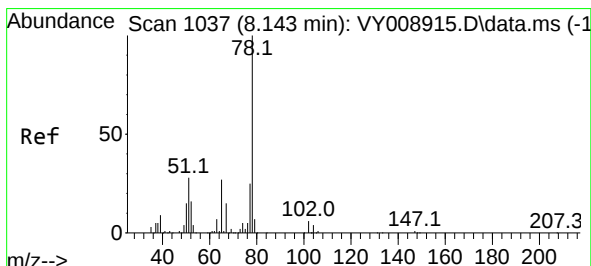
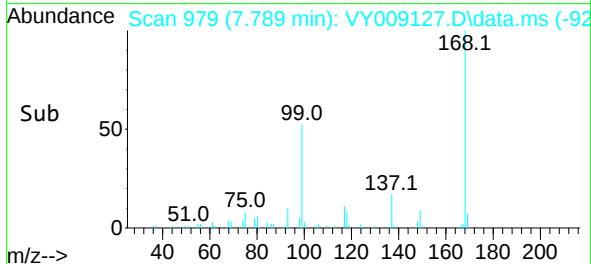
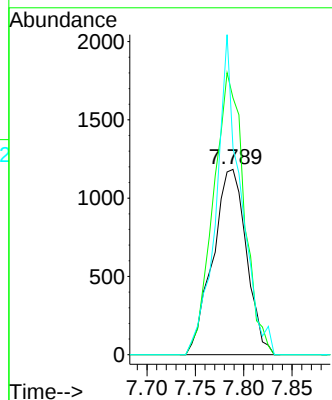
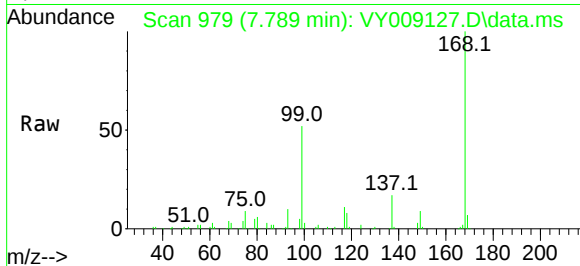




#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009127.D
Acq: 02 Jun 2022 15:04

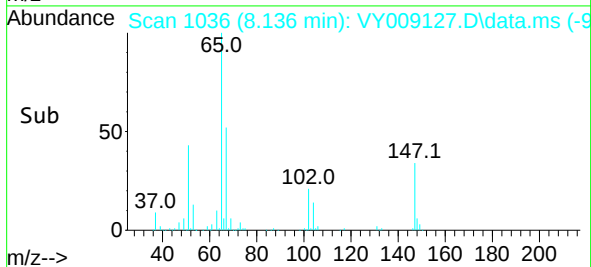
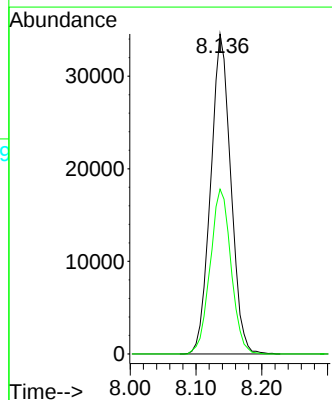
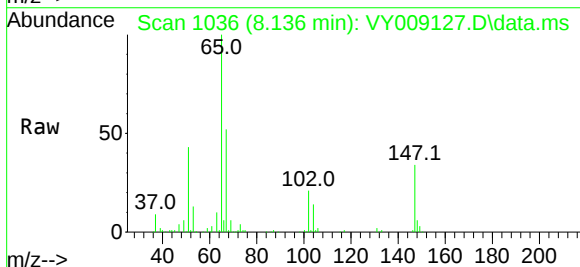
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

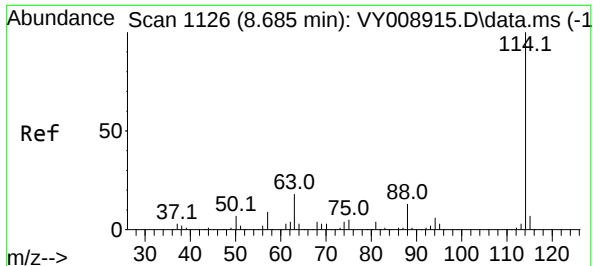
Tgt Ion: 56 Resp: 2861
Ion Ratio Lower Upper
56 100
69 138.5 26.7 40.1#
84 111.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.644 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009127.D
Acq: 02 Jun 2022 15:04

Tgt Ion: 65 Resp: 73627
Ion Ratio Lower Upper
65 100
67 53.3 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: VY009127.D

Acq: 02 Jun 2022 15:04

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

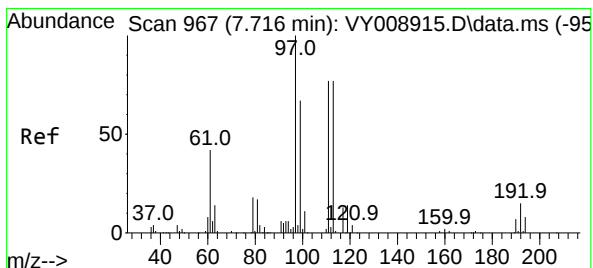
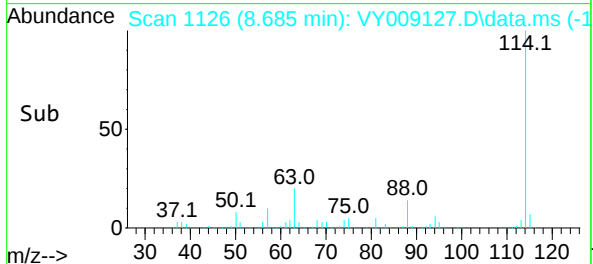
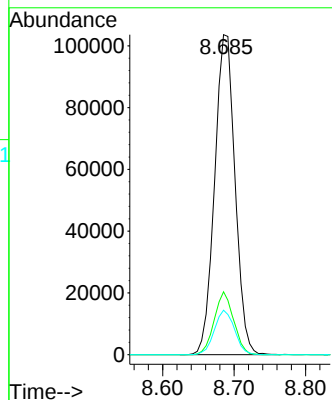
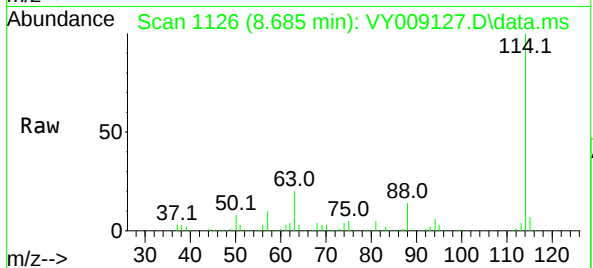
Tgt Ion:114 Resp: 205657

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.535 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009127.D

Acq: 02 Jun 2022 15:04

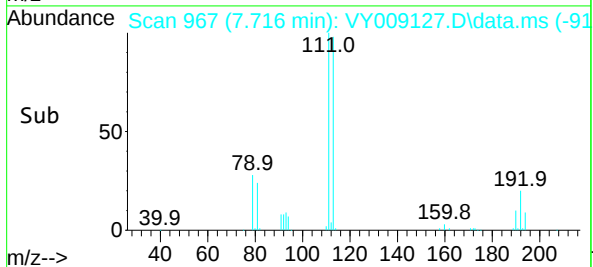
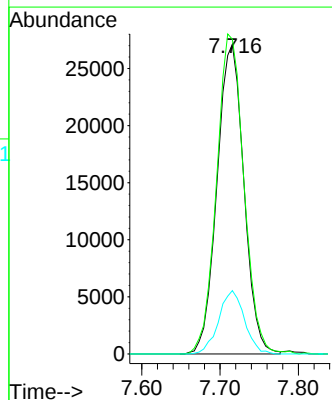
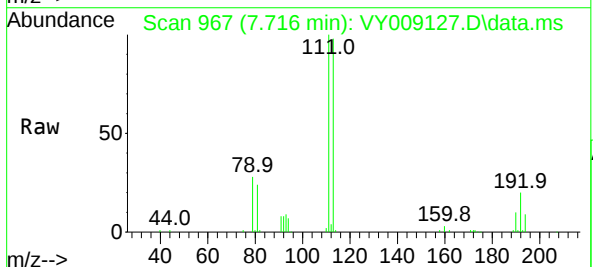
Tgt Ion:113 Resp: 64627

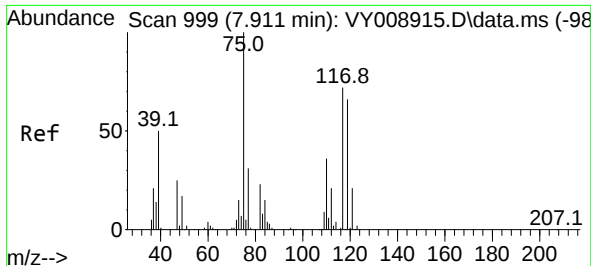
Ion Ratio Lower Upper

113 100

111 105.1 82.6 124.0

192 19.7 17.6 26.4

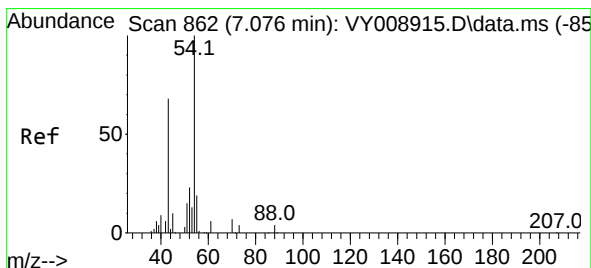
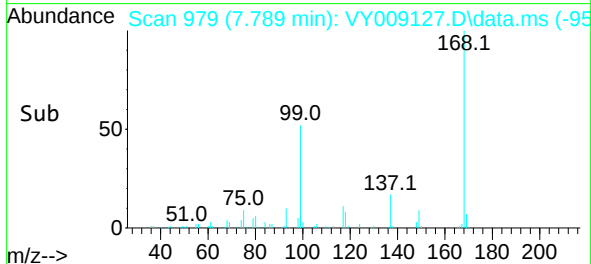
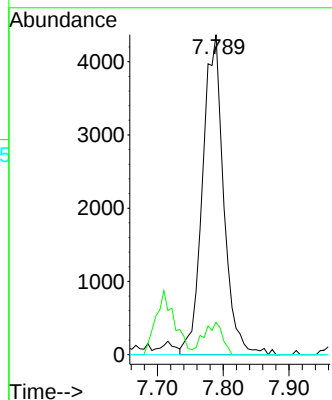
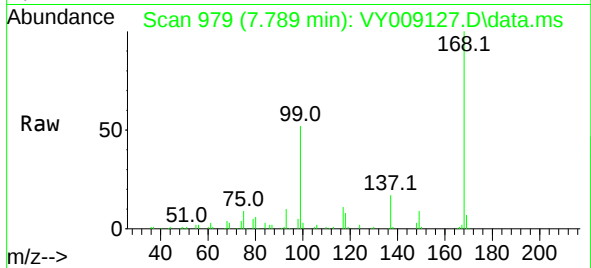




#36
1,1-Dichloropropene
Concen: 4.485 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009127.D
Acq: 02 Jun 2022 15:04

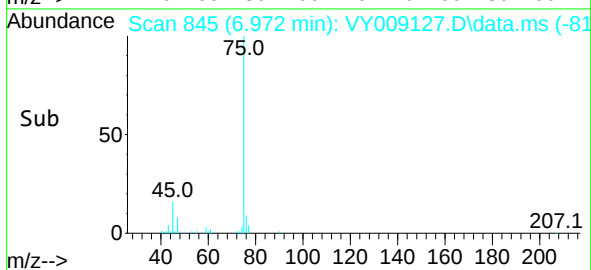
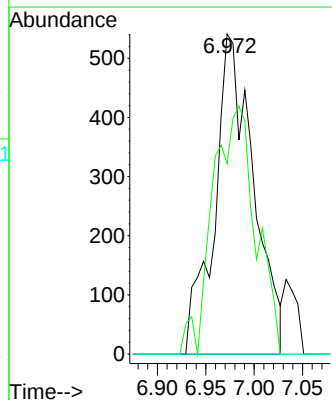
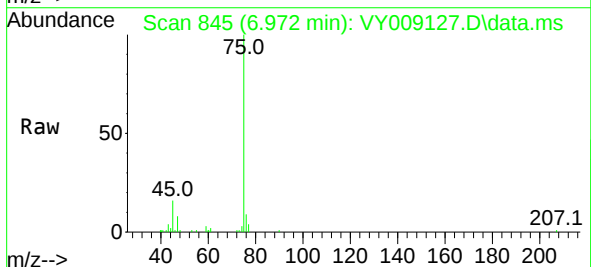
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

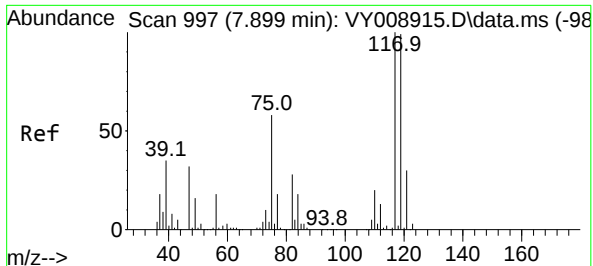
Tgt Ion: 75 Resp: 9761
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.341 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.104 min
Lab File: VY009127.D
Acq: 02 Jun 2022 15:04

Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
61 85.8 9.7 14.5#
70 0.0 7.1 10.7#

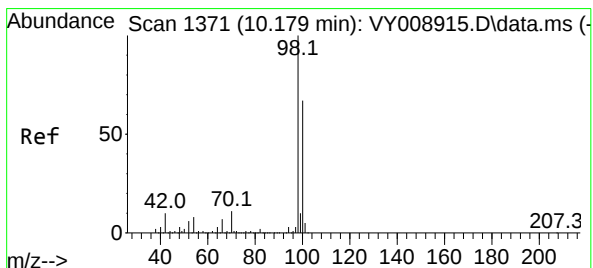
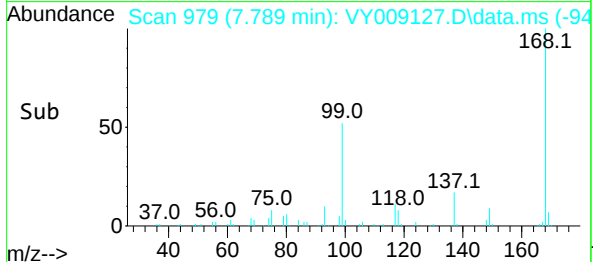
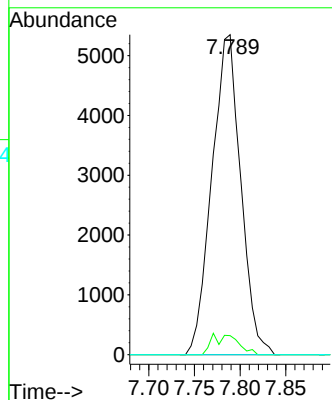
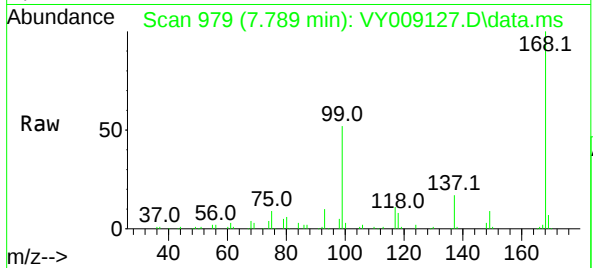




#38
Carbon Tetrachloride
Concen: 5.165 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009127.D
Acq: 02 Jun 2022 15:04

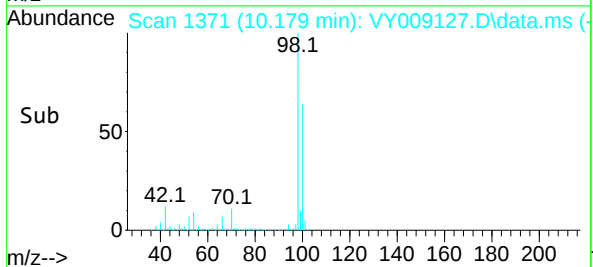
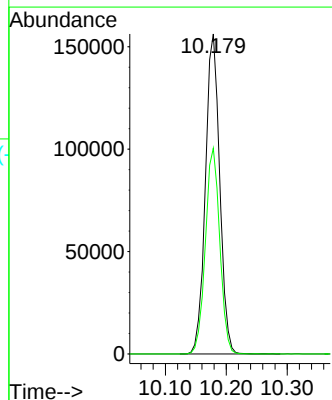
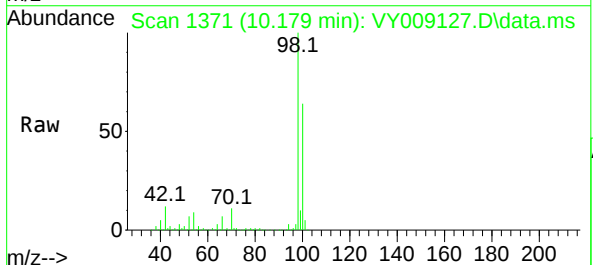
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

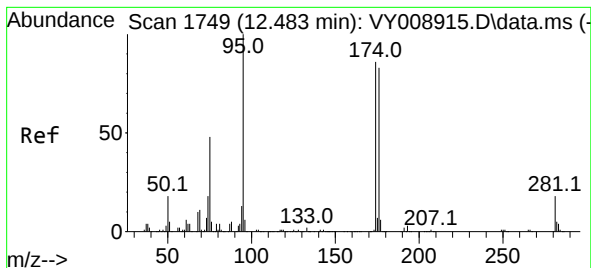
Tgt Ion:117 Resp: 11758
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.952 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009127.D
Acq: 02 Jun 2022 15:04

Tgt Ion: 98 Resp: 254541
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

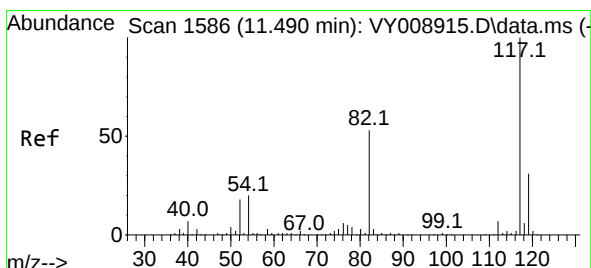
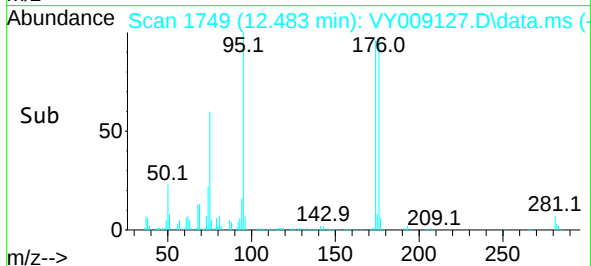
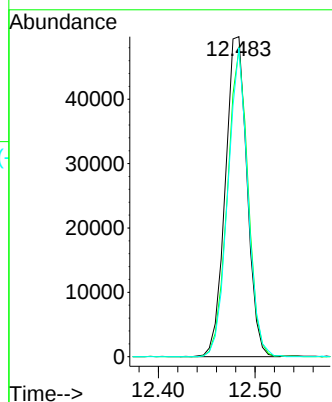
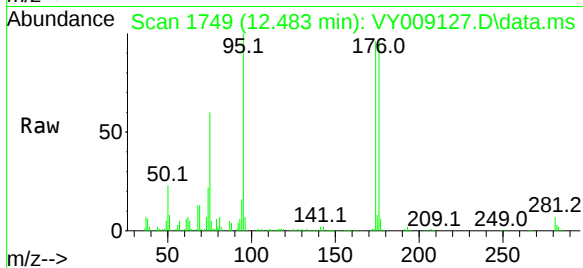




#62
4-Bromofluorobenzene
Concen: 40.735 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009127.D
Acq: 02 Jun 2022 15:04

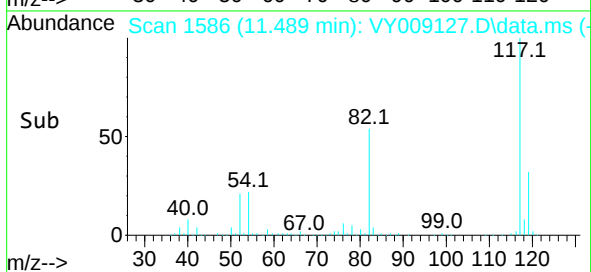
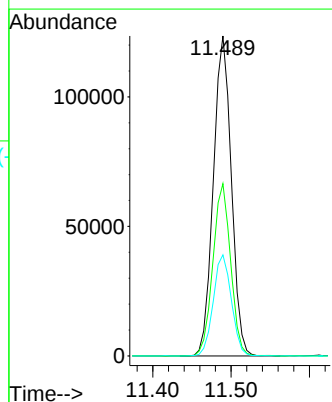
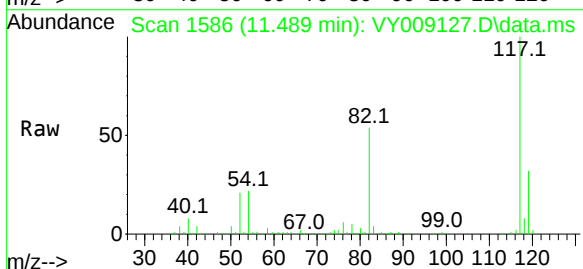
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

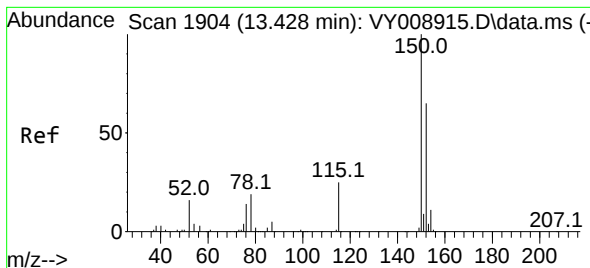
Tgt Ion: 95 Resp: 77525
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 88.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009127.D
Acq: 02 Jun 2022 15:04

Tgt Ion: 117 Resp: 197091
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY009127.D

Acq: 02 Jun 2022 15:04

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

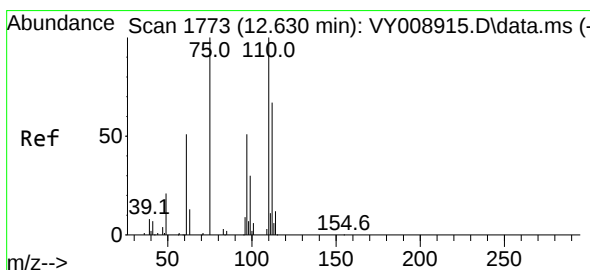
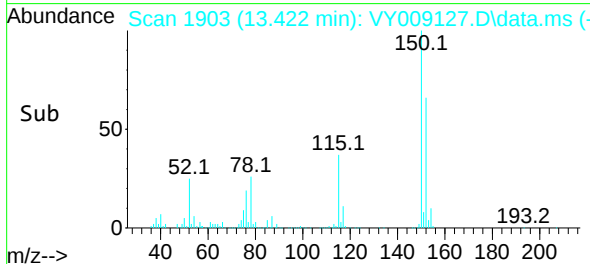
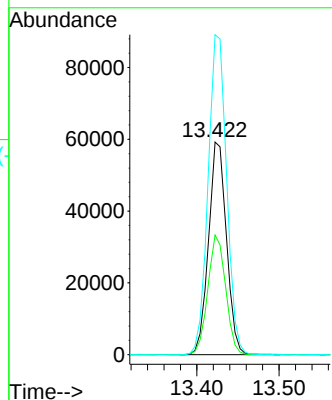
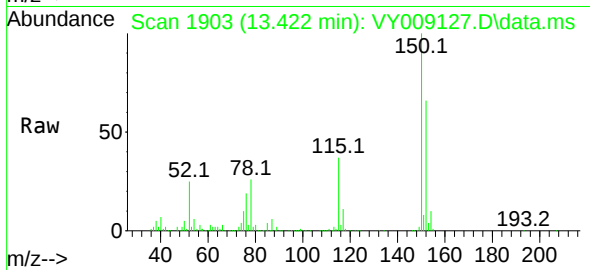
Tgt Ion:152 Resp: 89852

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 155.0 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 48.265 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY009127.D

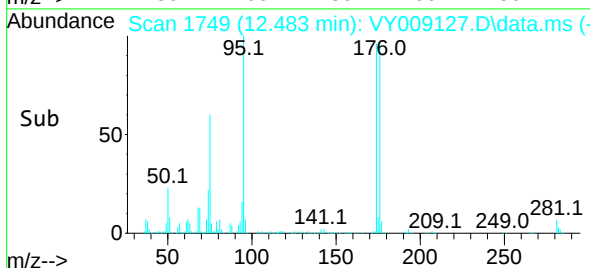
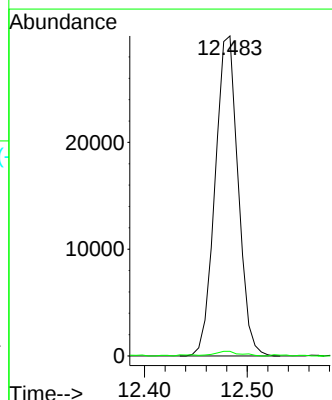
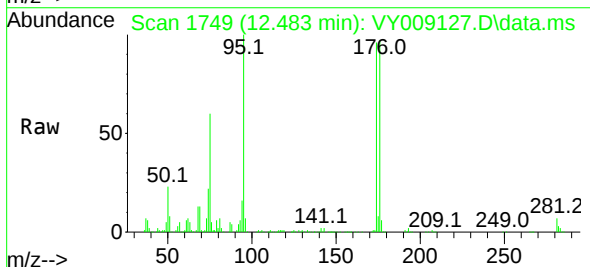
Acq: 02 Jun 2022 15:04

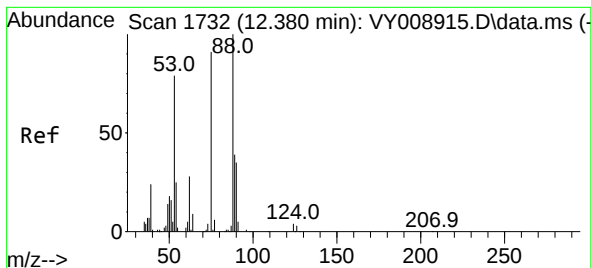
Tgt Ion: 75 Resp: 46571

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.064 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009127.D
 Acq: 02 Jun 2022 15:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Tgt Ion: 75 Resp: 46571
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.0 37.0 55.4#

