

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009142.D
 Acq On : 06 Jun 2022 13:07
 Operator : KP/MD
 Sample : N3143-04RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 02:30:40 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)

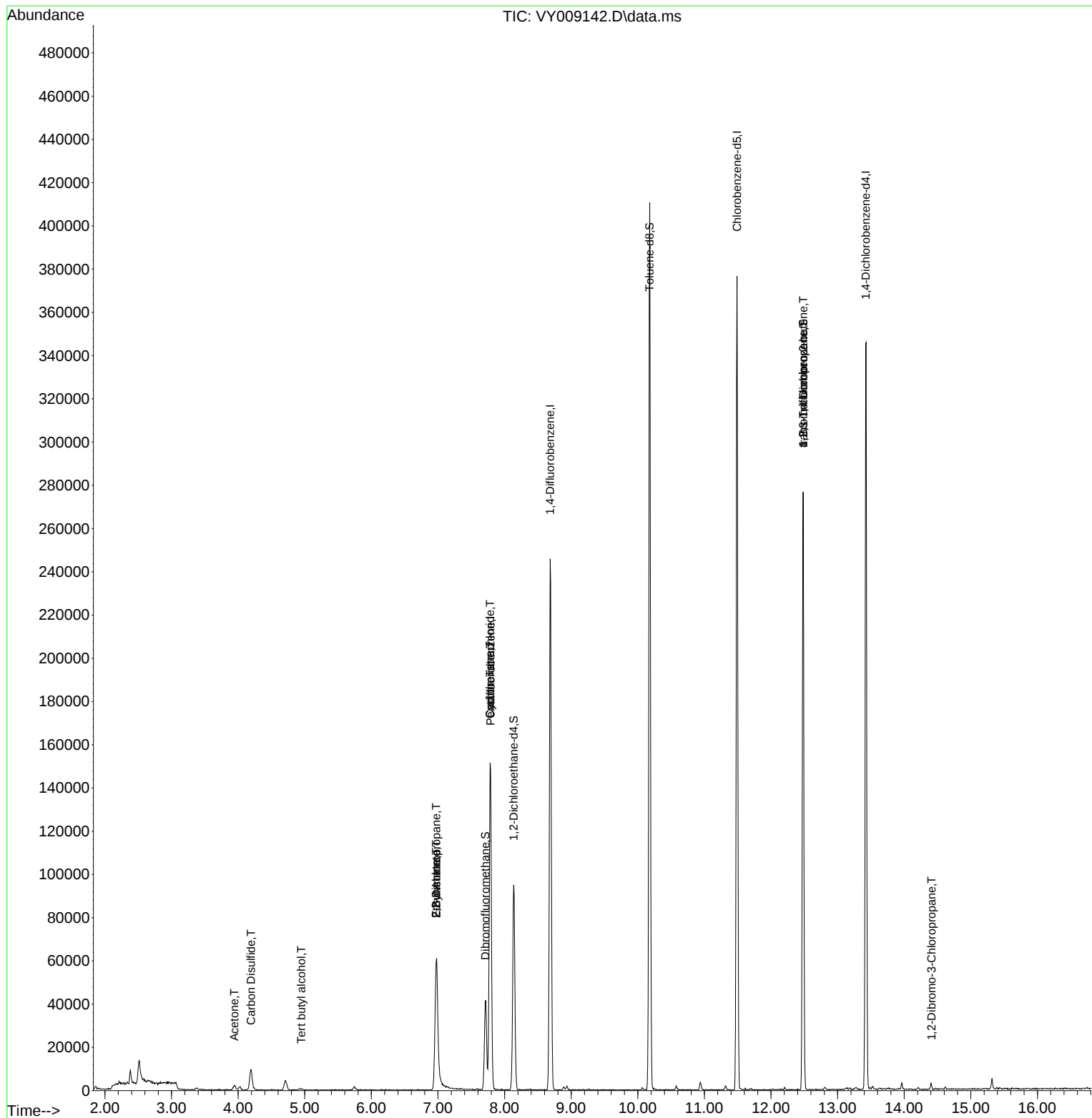
Internal Standards						
1) Pentafluorobenzene	7.789	168	118307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	205574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70201	57.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.320%
35) Dibromofluoromethane	7.710	113	27080	21.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.360%#
50) Toluene-d8	10.179	98	255184	54.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.483	95	72658	38.193	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.380%
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	749	6.065	ug/l #	77
16) Acetone	3.942	43	3657	14.429	ug/l #	88
17) Carbon Disulfide	4.192	76	13396	3.685	ug/l	97
20) Methylene Chloride	4.704	84	3006	Below Cal	#	79
25) 2-Butanone	6.972	43	4090	9.035	ug/l #	78
26) 2,2-Dichloropropane	6.972	77	4448	2.004	ug/l #	55
31) Cyclohexane	7.783	56	2754	1.156	ug/l #	19
37) Ethyl Acetate	6.972	43	4090	3.624	ug/l #	1
38) Carbon Tetrachloride	7.783	117	11775	5.174	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	42436	47.585	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42436	97.668	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.410	75	920	4.633	ug/l #	6

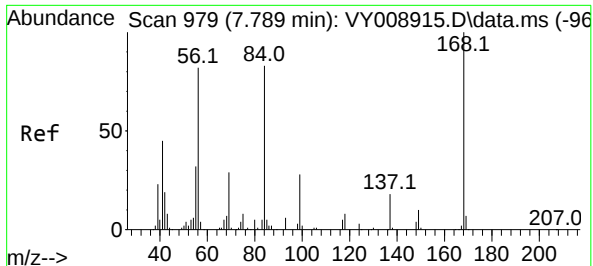
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
Data File : VY009142.D
Acq On : 06 Jun 2022 13:07
Operator : KP/MD
Sample : N3143-04RE
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 07 02:30:40 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

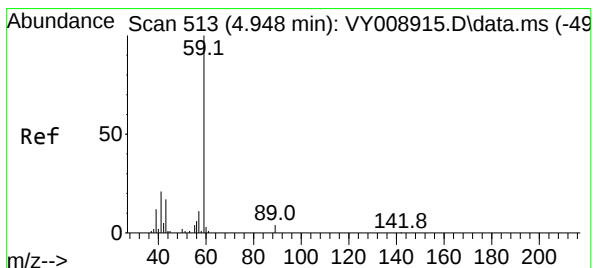
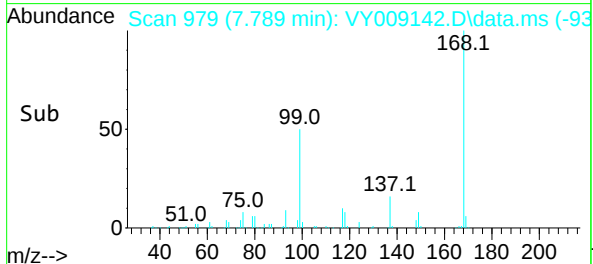
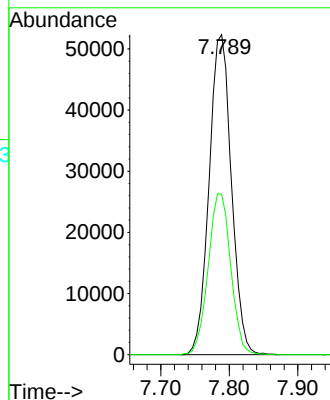
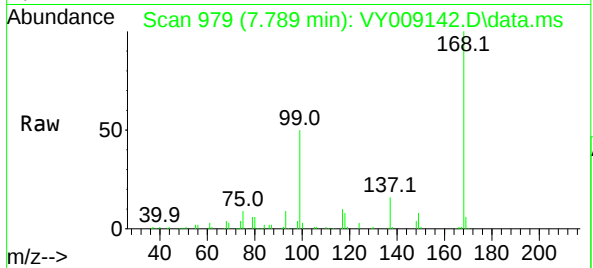




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

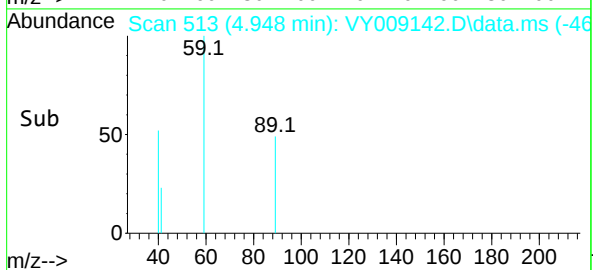
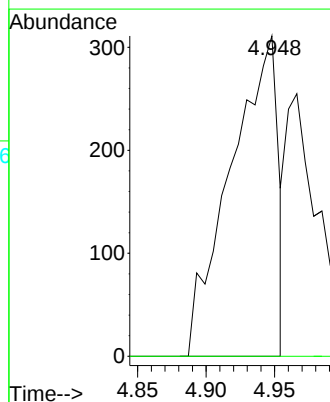
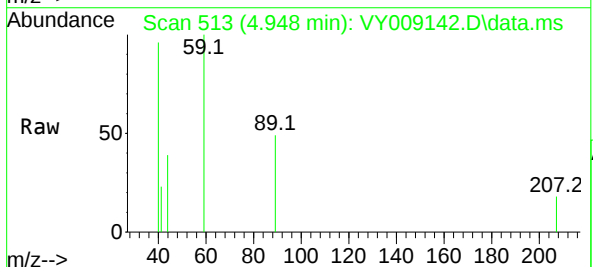
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 118307
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 6.065 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

Tgt Ion: 59 Resp: 749
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

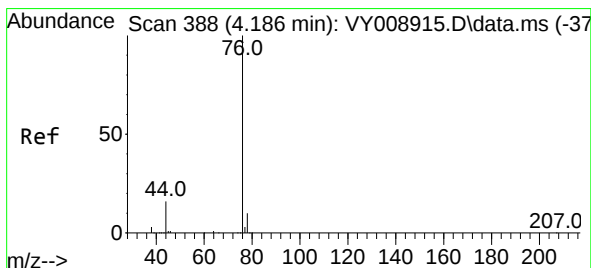
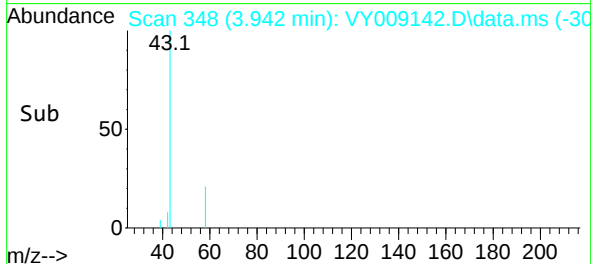
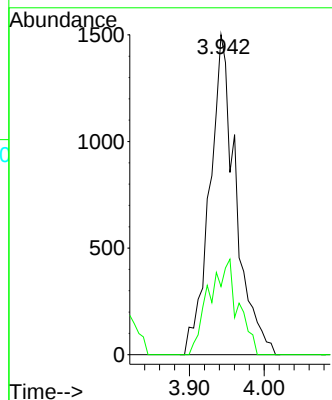
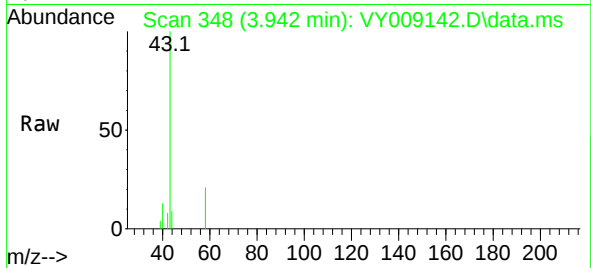




#16
Acetone
Concen: 14.429 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

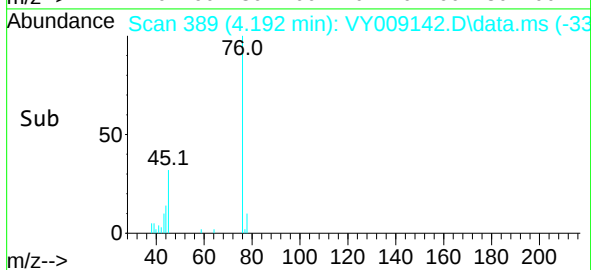
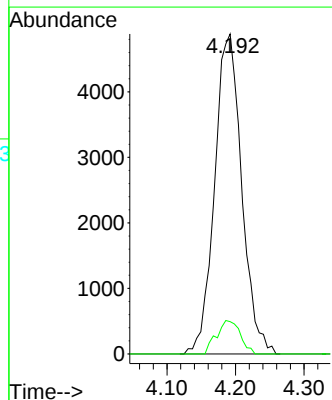
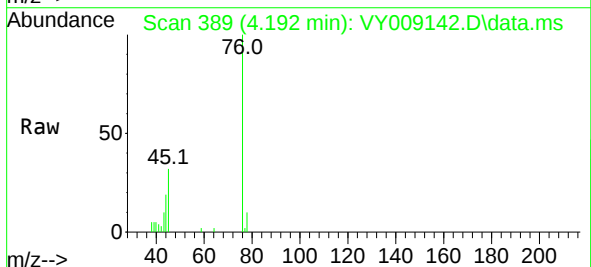
Instrument :
MSVOA_Y
ClientSampleId :

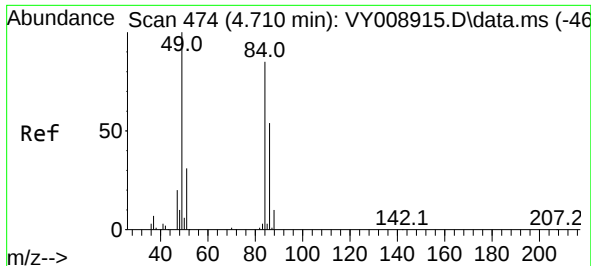
Tgt Ion: 43 Resp: 3657
Ion Ratio Lower Upper
43 100
58 21.3 22.0 33.0#



#17
Carbon Disulfide
Concen: 3.685 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

Tgt Ion: 76 Resp: 13396
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

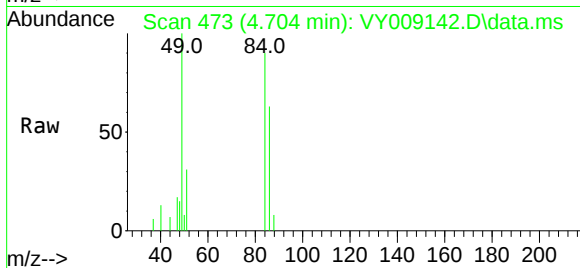
Lab File: VY009142.D

Acq: 06 Jun 2022 13:07

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 3006

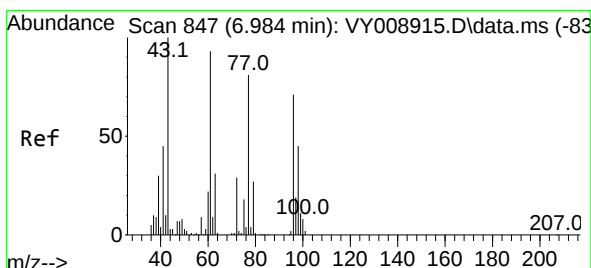
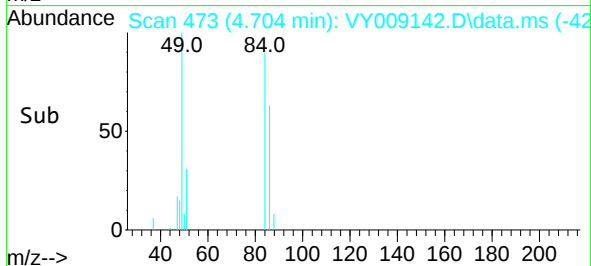
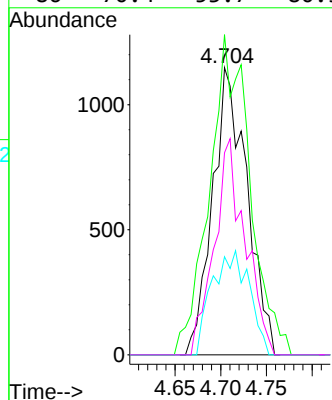
Ion Ratio Lower Upper

84 100

49 104.8 114.4 171.6#

51 34.1 35.3 52.9#

86 70.4 53.7 80.5



#25

2-Butanone

Concen: 9.035 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY009142.D

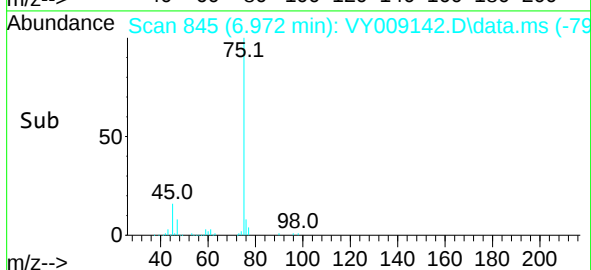
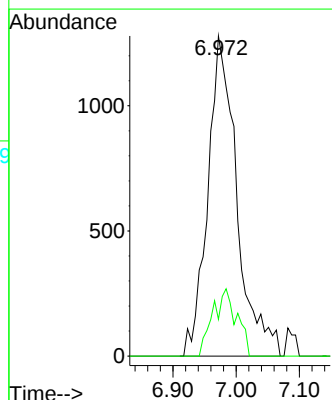
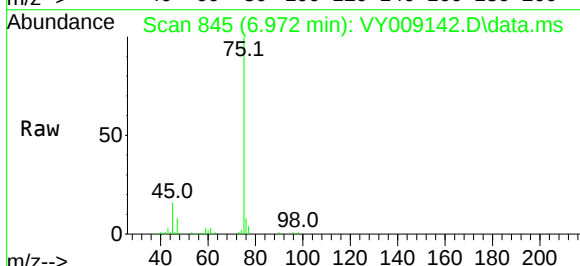
Acq: 06 Jun 2022 13:07

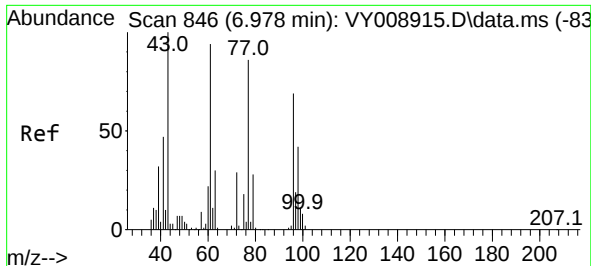
Tgt Ion: 43 Resp: 4090

Ion Ratio Lower Upper

43 100

72 11.5 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 2.004 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

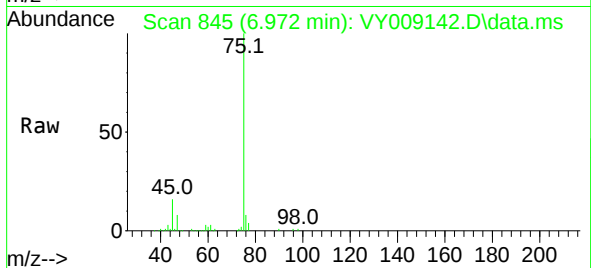
Lab File: VY009142.D

Acq: 06 Jun 2022 13:07

Instrument :

MSVOA_Y

ClientSampleId :

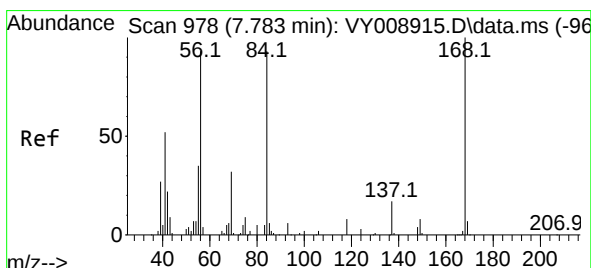
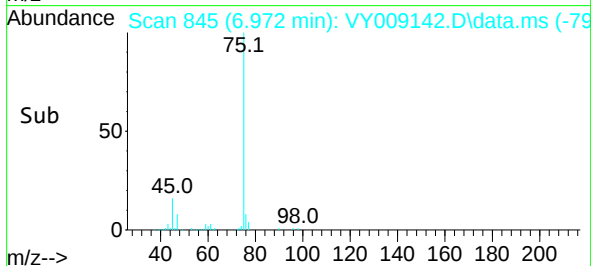
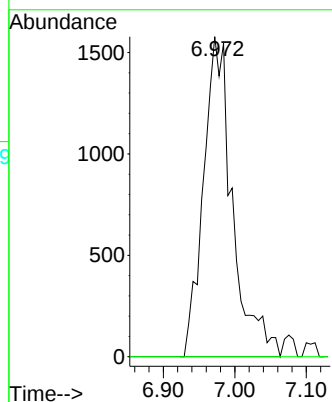


Tgt Ion: 77 Resp: 4448

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.156 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY009142.D

Acq: 06 Jun 2022 13:07

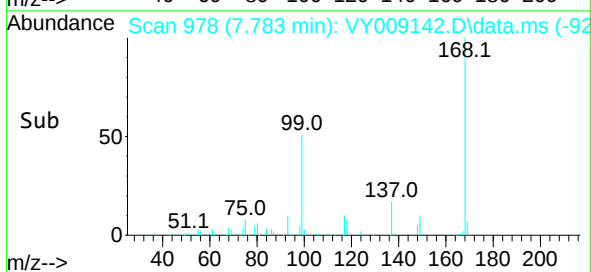
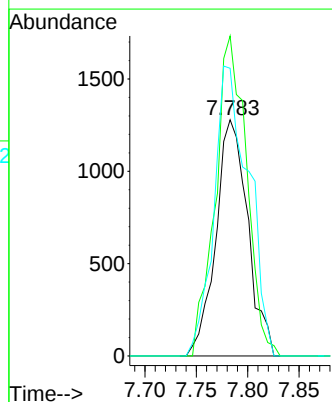
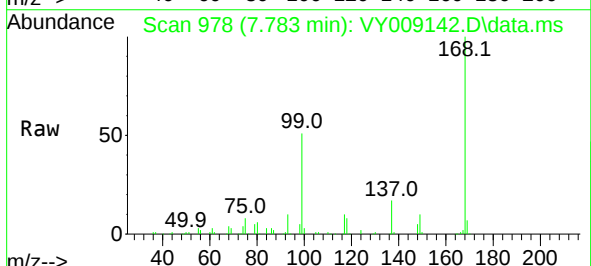
Tgt Ion: 56 Resp: 2754

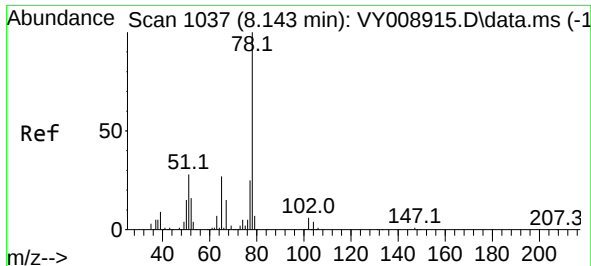
Ion Ratio Lower Upper

56 100

69 135.5 26.7 40.1#

84 121.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.655 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009142.D

Acq: 06 Jun 2022 13:07

Instrument :

MSVOA_Y

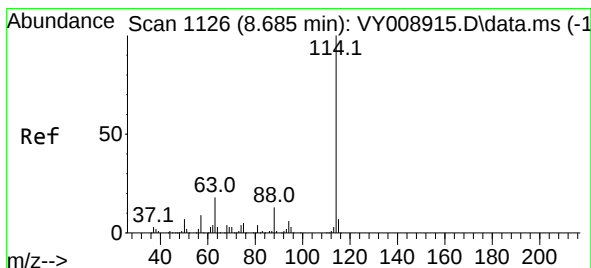
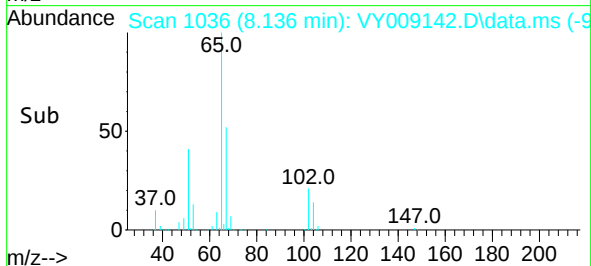
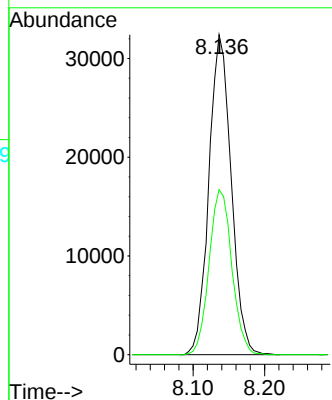
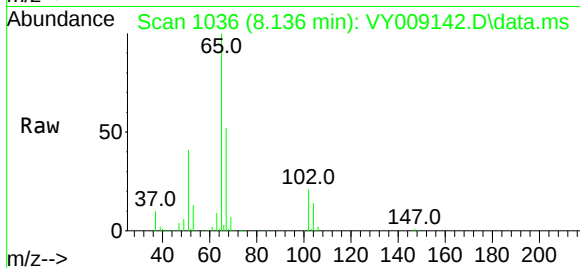
ClientSampleId :

Tgt Ion: 65 Resp: 70201

Ion Ratio Lower Upper

65 100

67 52.5 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: VY009142.D

Acq: 06 Jun 2022 13:07

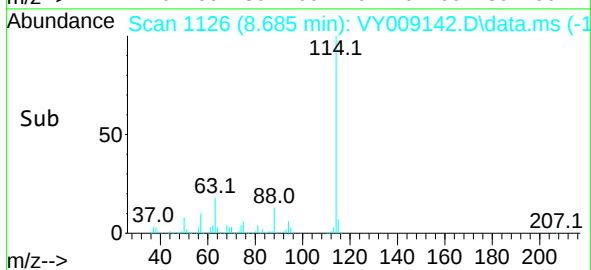
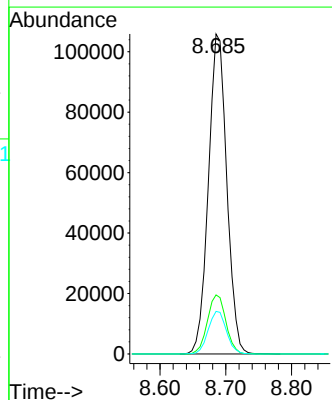
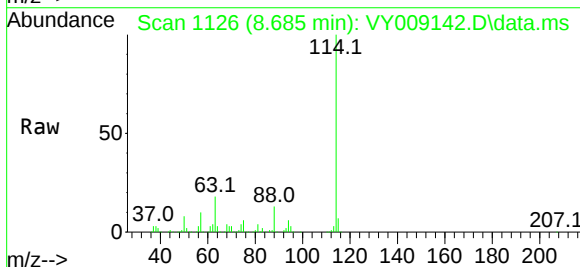
Tgt Ion: 114 Resp: 205574

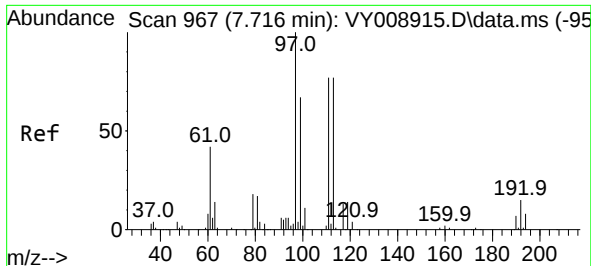
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.3 0.0 31.8

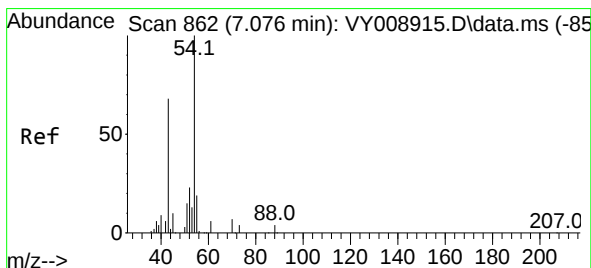
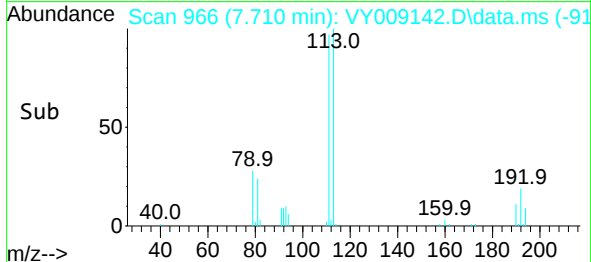
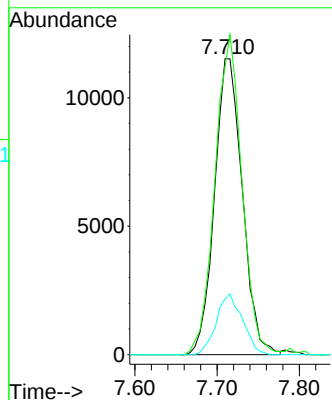
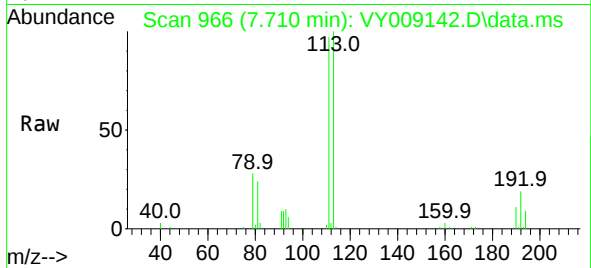




#35
Dibromofluoromethane
Concen: 21.184 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

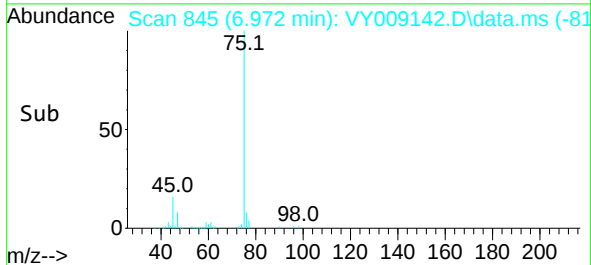
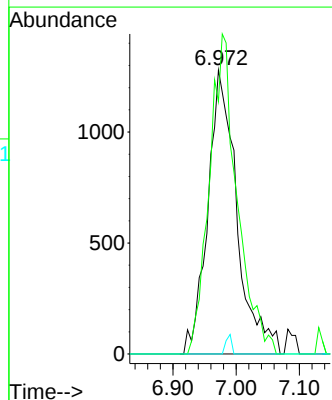
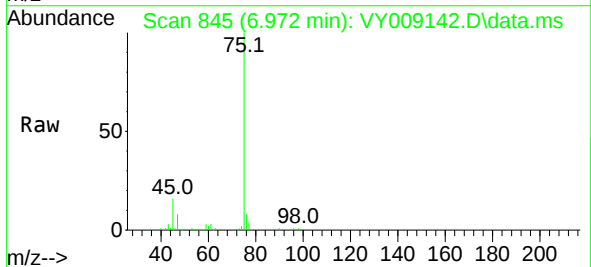
Instrument :
MSVOA_Y
ClientSampleId :

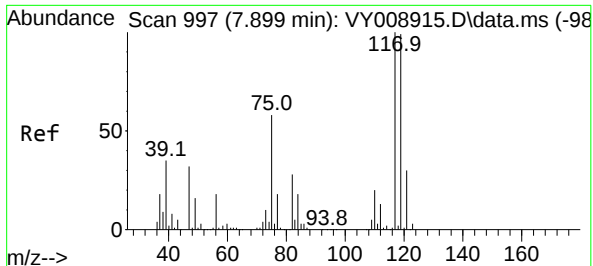
Tgt Ion:113 Resp: 27080
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 19.3 17.6 26.4



#37
Ethyl Acetate
Concen: 3.624 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.104 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

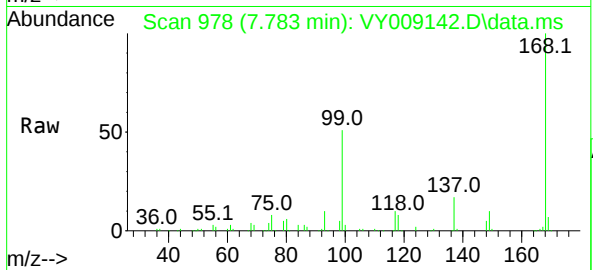
Tgt Ion: 43 Resp: 4090
Ion Ratio Lower Upper
43 100
61 107.8 9.7 14.5#
70 1.3 7.1 10.7#



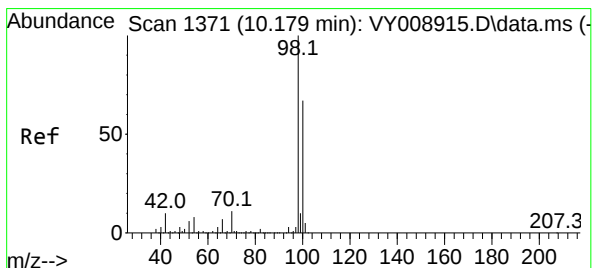
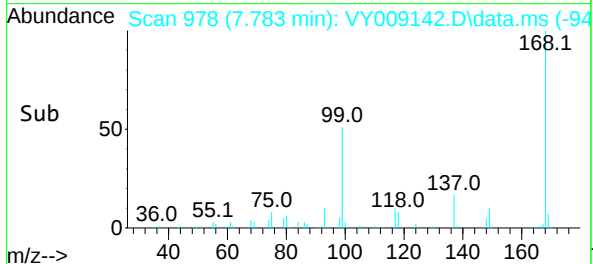
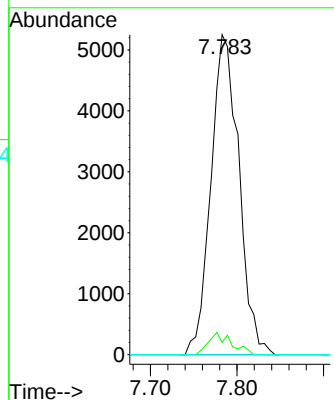


#38
Carbon Tetrachloride
Concen: 5.174 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

Instrument :
MSVOA_Y
ClientSampleId :

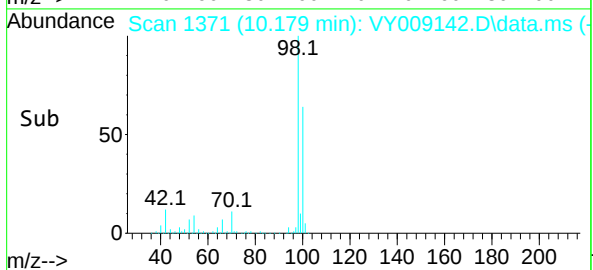
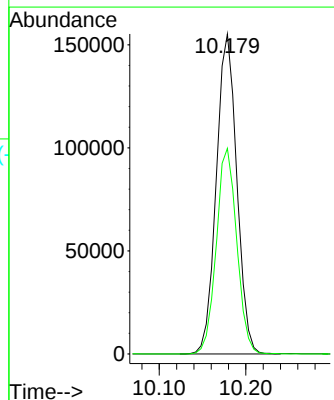
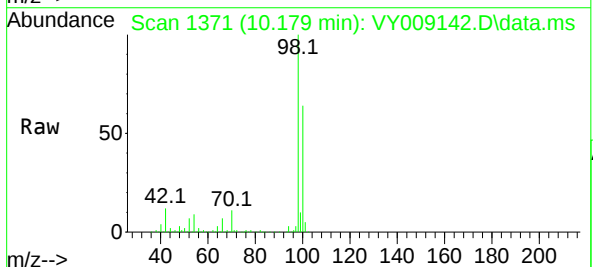


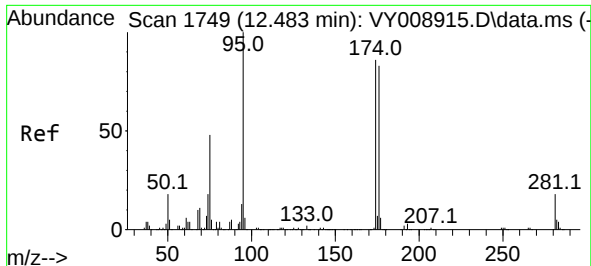
Tgt Ion:117 Resp: 11775
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.110 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

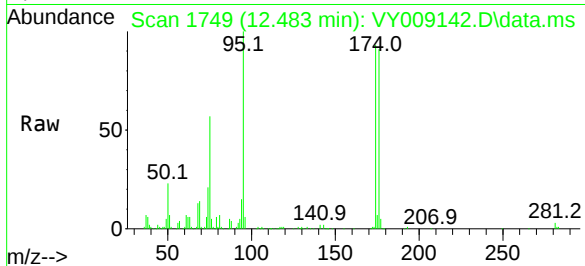
Tgt Ion: 98 Resp: 255184
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



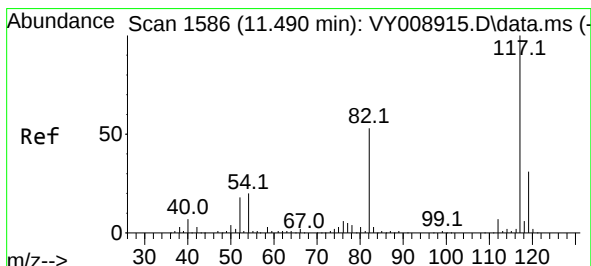
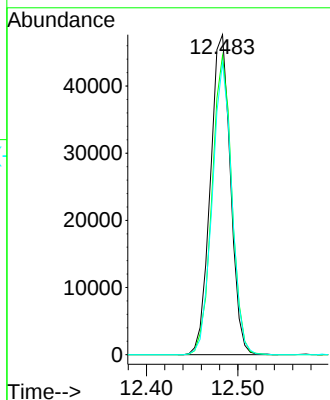
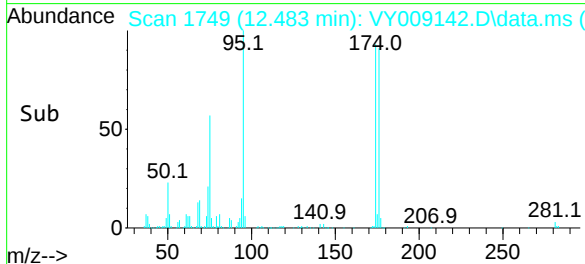


#62
4-Bromofluorobenzene
Concen: 38.193 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

Instrument :
MSVOA_Y
ClientSampleId :

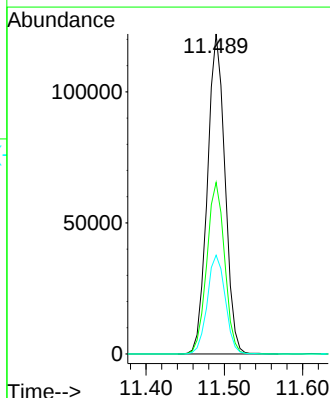
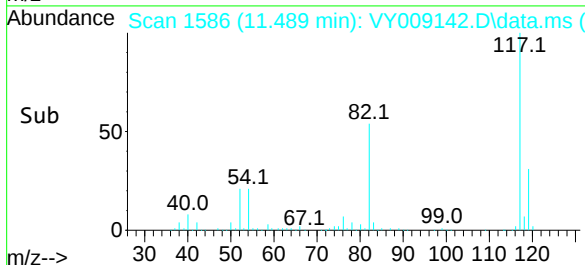
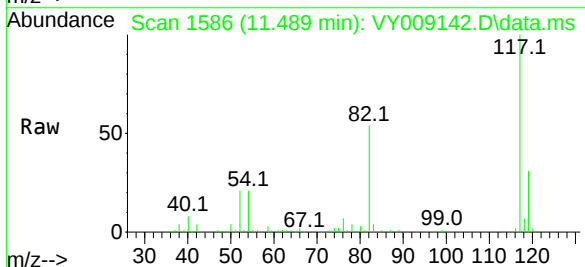


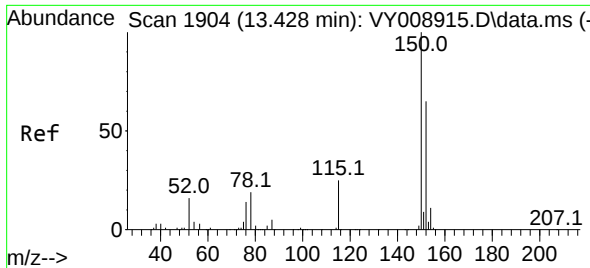
Tgt Ion: 95 Resp: 72658
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 89.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

Tgt Ion: 117 Resp: 189870
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 30.8 25.4 38.0

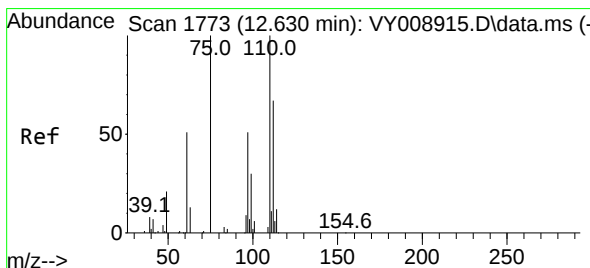
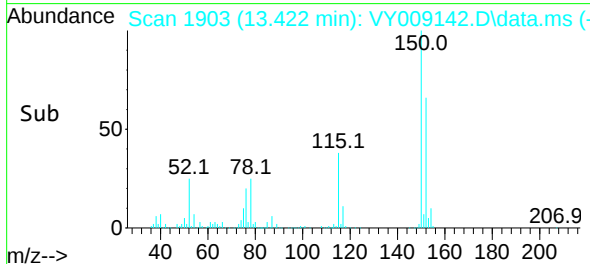
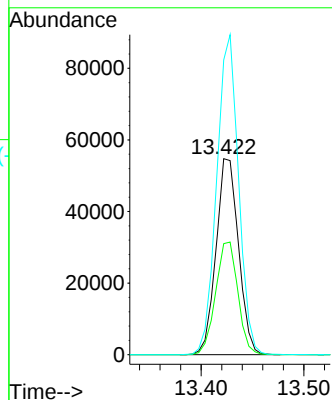
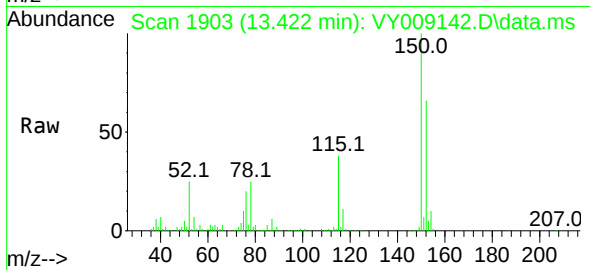




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

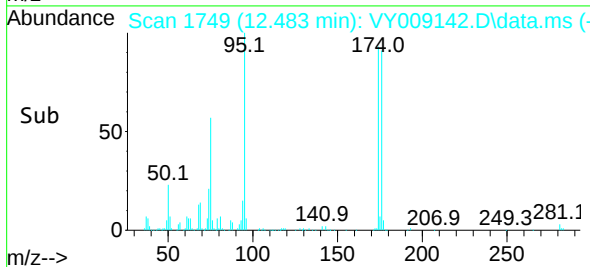
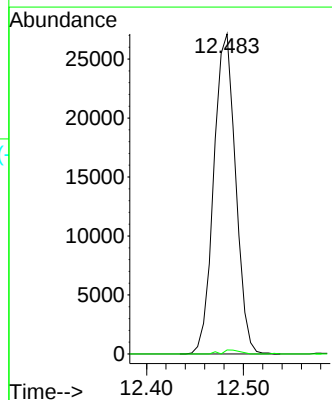
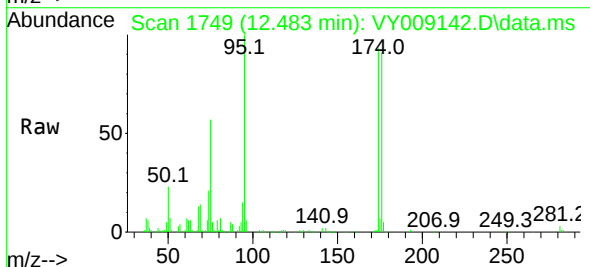
Instrument :
MSVOA_Y
ClientSampleId :

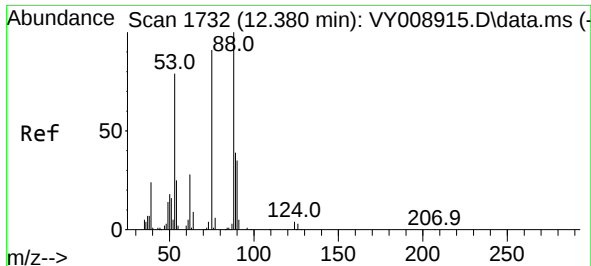
Tgt Ion:152 Resp: 83044
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 158.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.585 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

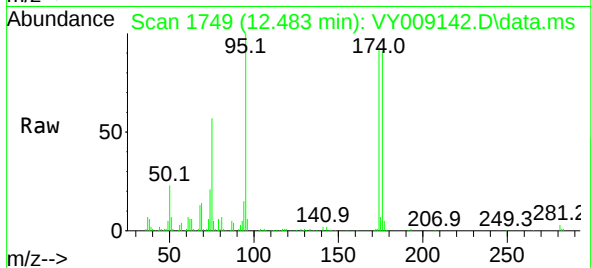
Tgt Ion: 75 Resp: 42436
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



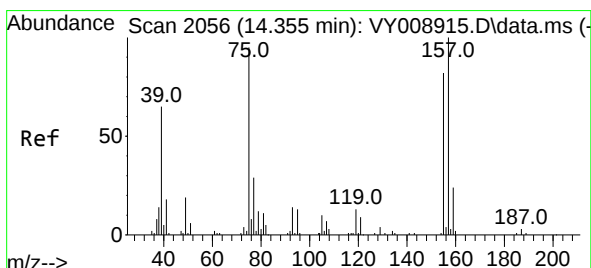
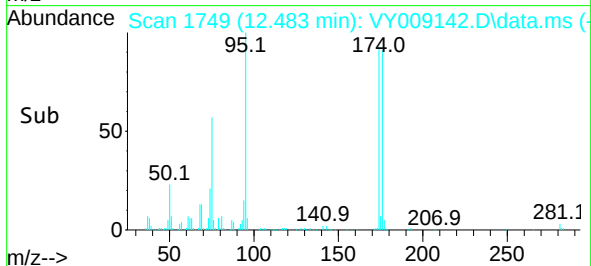
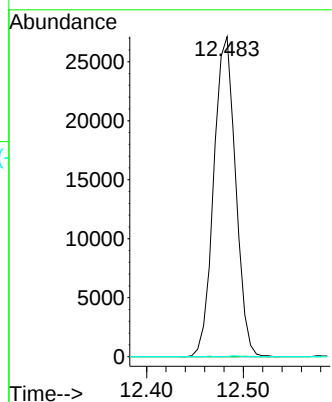


#81
trans-1,4-Dichloro-2-butene
Concen: 97.668 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 42436
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.633 ug/l
RT: 14.410 min Scan# 2065
Delta R.T. 0.055 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

Tgt Ion: 75 Resp: 920
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#

