

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010164.D
 Acq On : 23 Aug 2022 14:48
 Operator : KP/MD
 Sample : N4205-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1

Quant Time: Aug 24 04:32:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

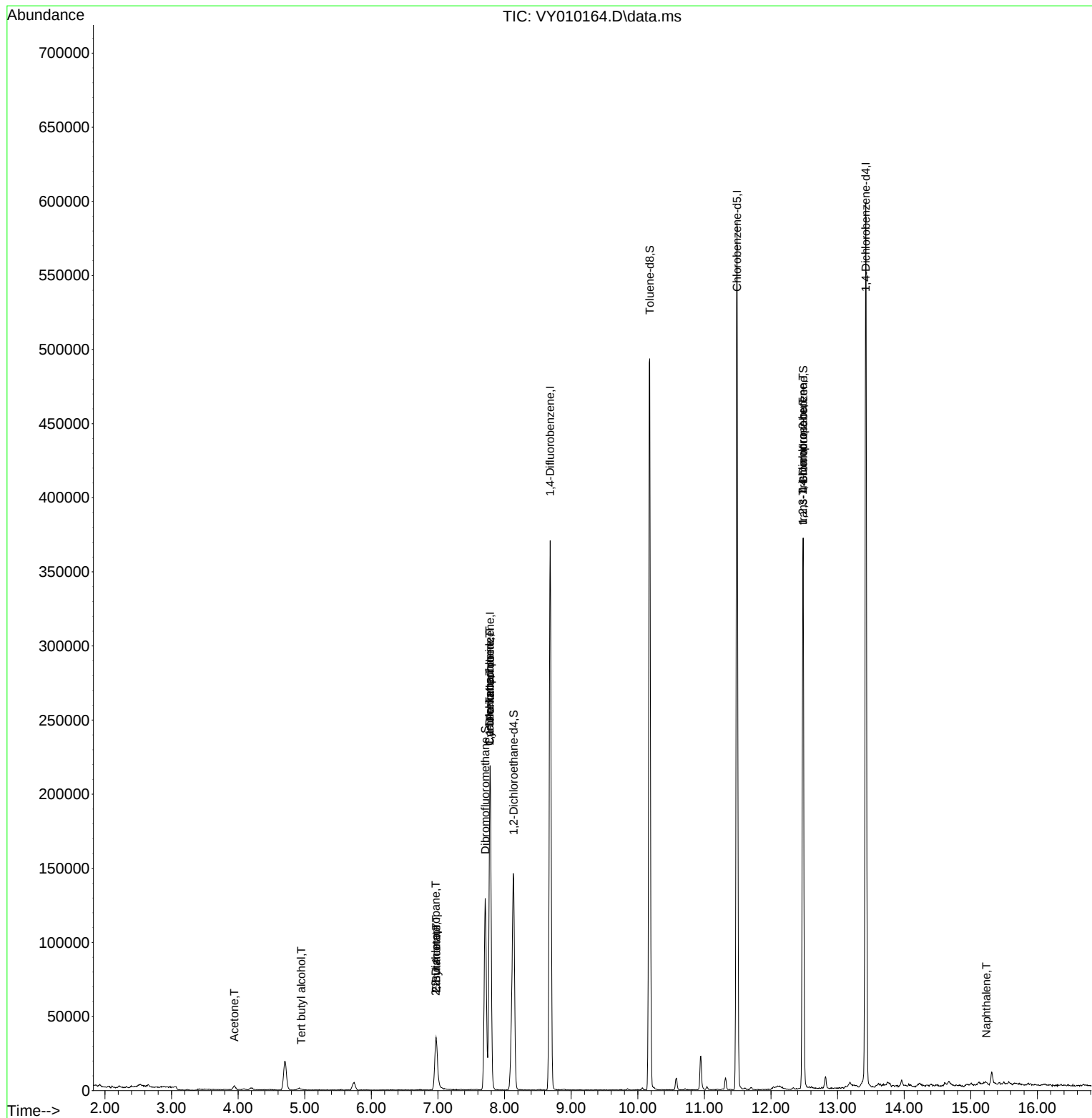
Internal Standards						
1) Pentafluorobenzene	7.783	168	176449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	95891	66.348	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.700%			
35) Dibromofluoromethane	7.710	113	90937	48.879	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.760%			
50) Toluene-d8	10.179	98	335109	48.070	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.140%			
62) 4-Bromofluorobenzene	12.483	95	114899	46.129	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.260%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	663	14.694	ug/l #	73
16) Acetone	3.942	43	4685	12.952	ug/l	92
20) Methylene Chloride	4.704	84	15021	Below Cal		97
25) 2-Butanone	6.972	43	2011	3.456	ug/l	92
26) 2,2-Dichloropropane	6.966	77	2868	1.052	ug/l #	50
31) Cyclohexane	7.777	56	3510	1.185	ug/l #	7
36) 1,1-Dichloropropene	7.777	75	12454	4.194	ug/l #	47
37) Ethyl Acetate	6.972	43	2011	1.334	ug/l #	1
38) Carbon Tetrachloride	7.777	117	16393	5.264	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	55714	38.219	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	55714	76.763	ug/l #	18
95) Naphthalene	15.233	128	1421	4.110	ug/l #	78

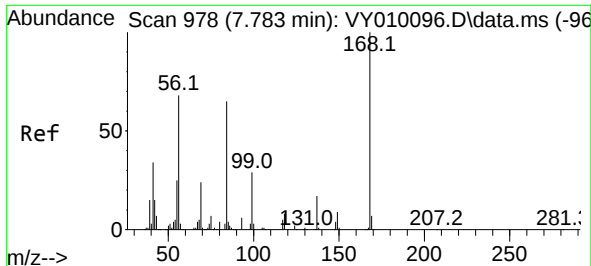
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
Data File : VY010164.D
Acq On : 23 Aug 2022 14:48
Operator : KP/MD
Sample : N4205-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-1

Quant Time: Aug 24 04:32:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 22 02:37:07 2022
Response via : Initial Calibration

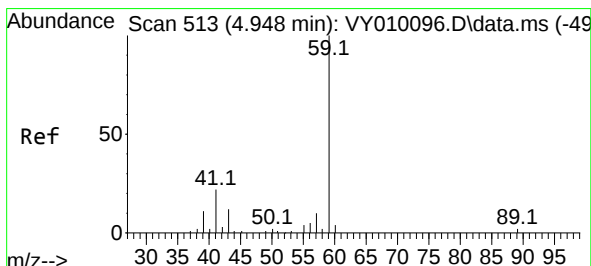
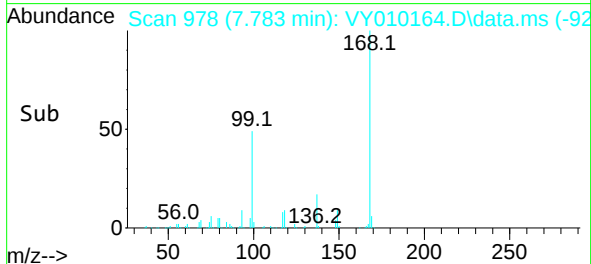
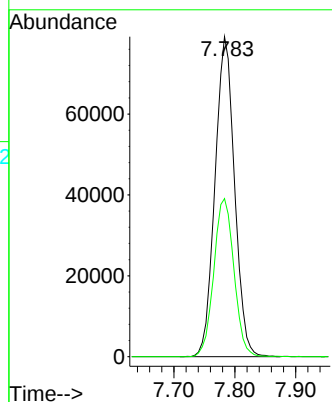
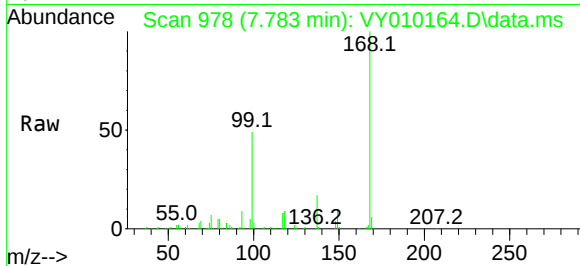




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

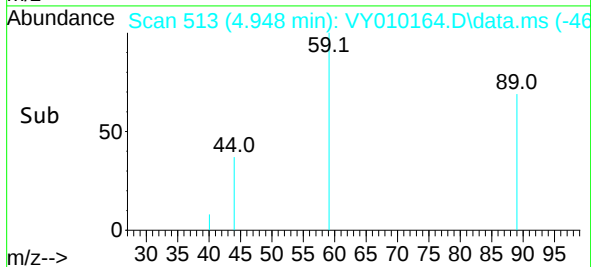
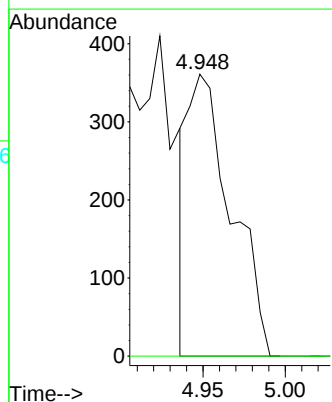
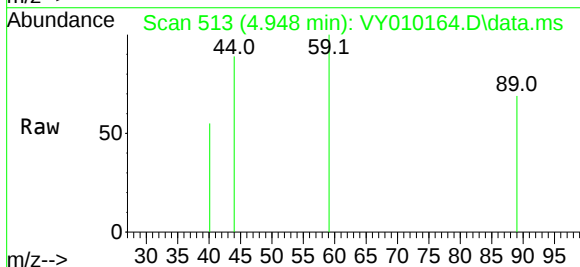
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

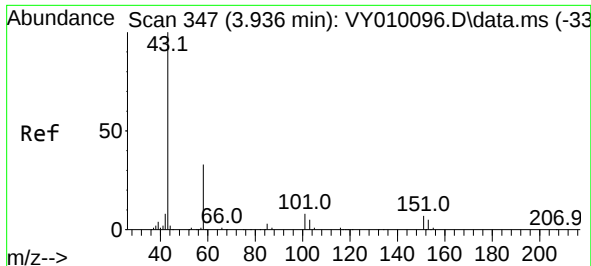
Tgt Ion:168 Resp: 176449
Ion Ratio Lower Upper
168 100
99 49.4 40.7 61.1



#11
Tert butyl alcohol
Concen: 14.694 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

Tgt Ion: 59 Resp: 663
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

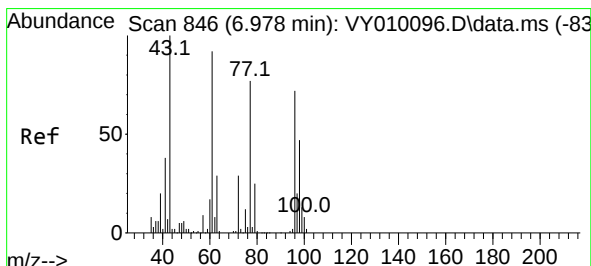
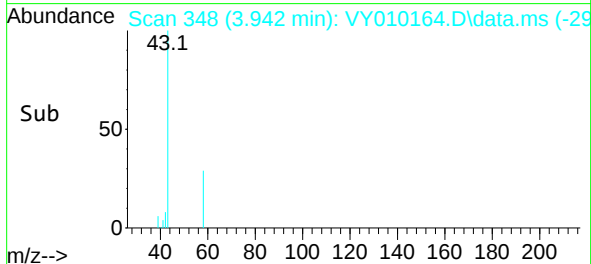
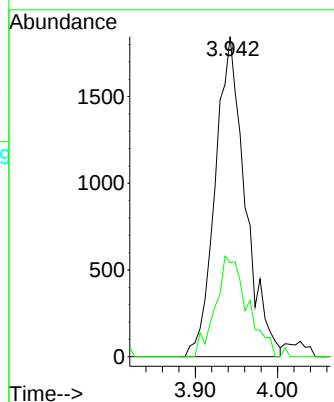
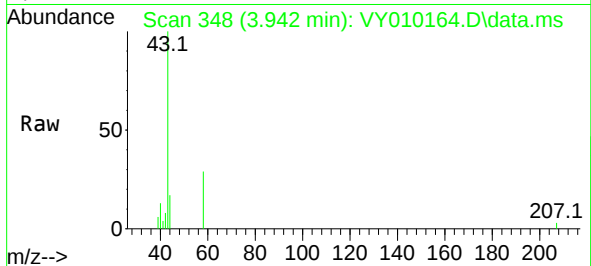




#16
Acetone
Concen: 12.952 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

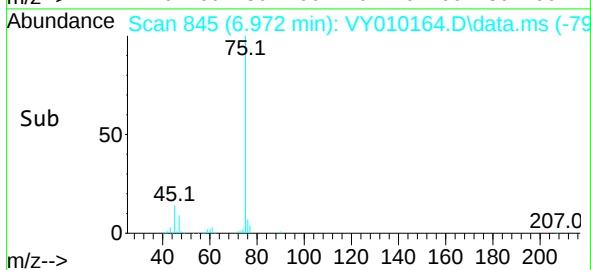
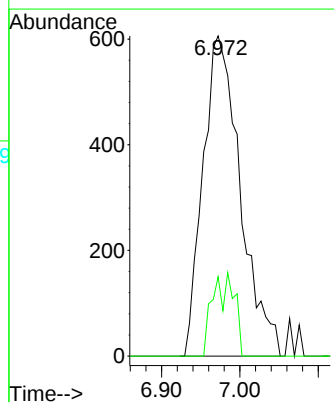
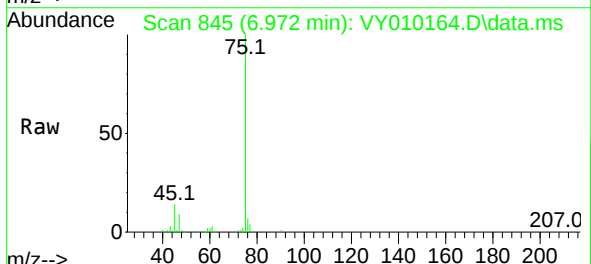
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

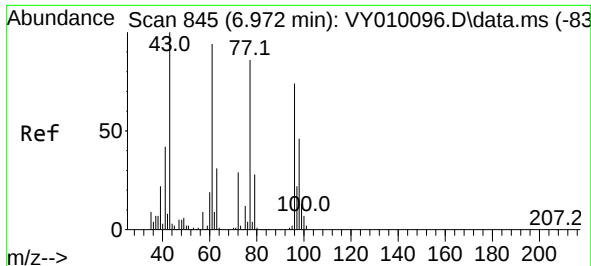
Tgt Ion: 43 Resp: 4685
Ion Ratio Lower Upper
43 100
58 29.4 27.4 41.0



#25
2-Butanone
Concen: 3.456 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

Tgt Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
72 24.8 23.2 34.8





#26

2,2-Dichloropropane

Concen: 1.052 ug/l

RT: 6.966 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010164.D

Acq: 23 Aug 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

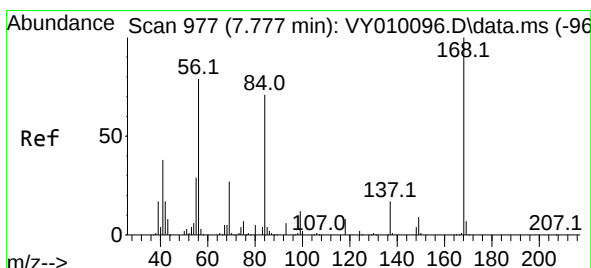
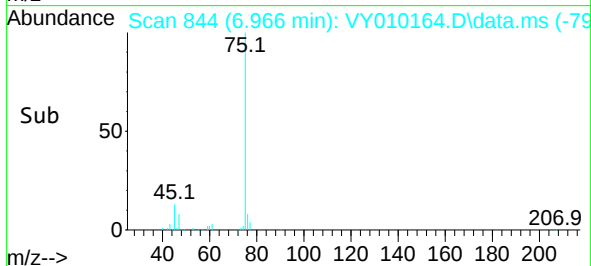
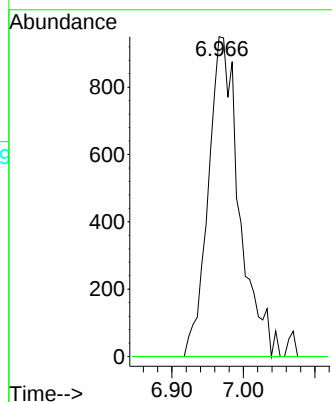
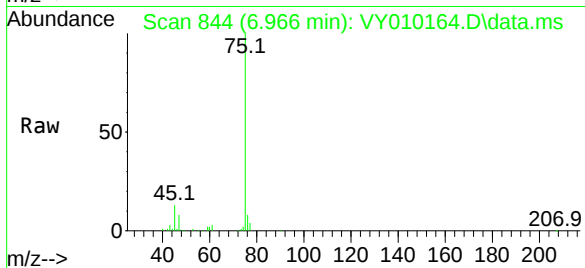
SS-1

Tgt Ion: 77 Resp: 2868

Ion Ratio Lower Upper

77 100

97 0.0 12.4 37.4#



#31

Cyclohexane

Concen: 1.185 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY010164.D

Acq: 23 Aug 2022 14:48

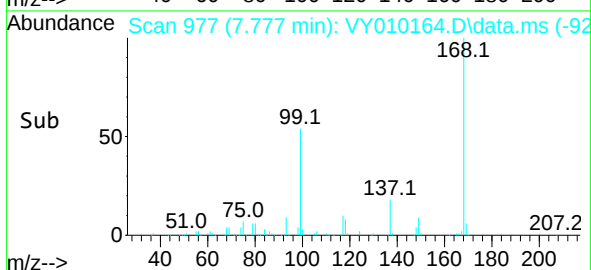
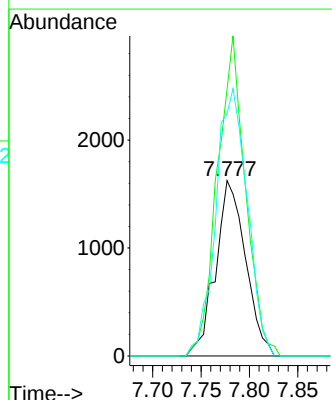
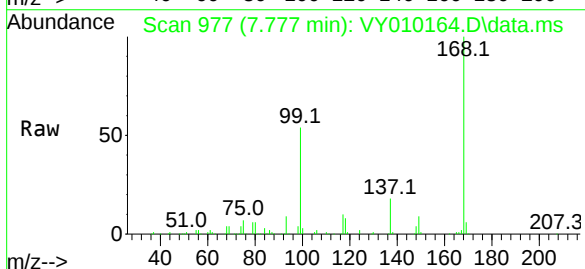
Tgt Ion: 56 Resp: 3510

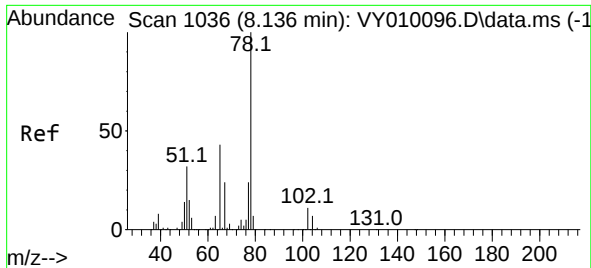
Ion Ratio Lower Upper

56 100

69 152.1 27.3 40.9#

84 138.2 72.6 109.0#





#33

1,2-Dichloroethane-d4

Concen: 66.348 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY010164.D

Acq: 23 Aug 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

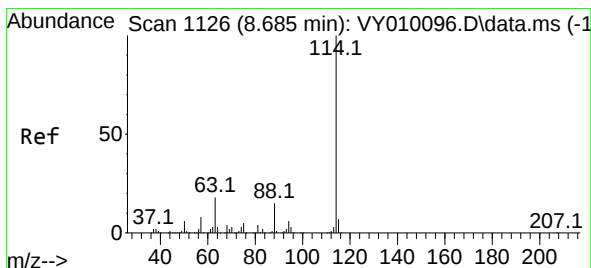
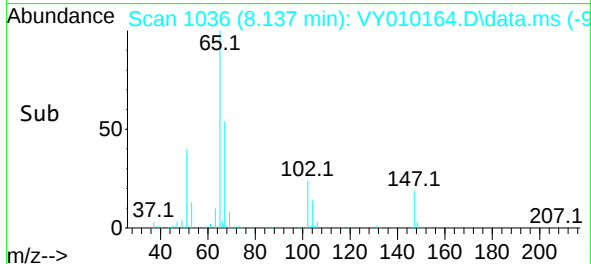
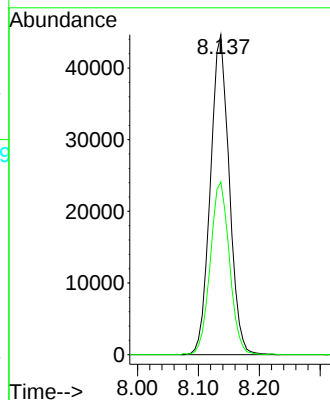
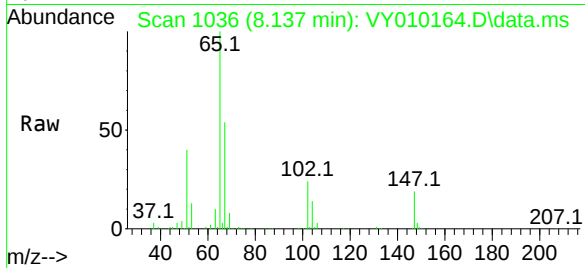
SS-1

Tgt Ion: 65 Resp: 95891

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010164.D

Acq: 23 Aug 2022 14:48

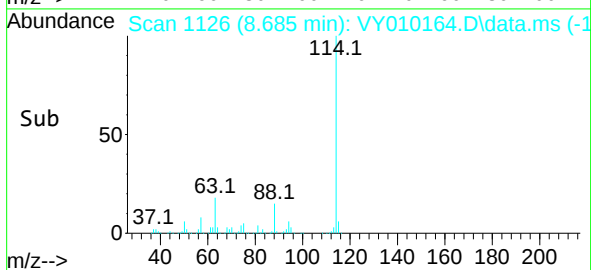
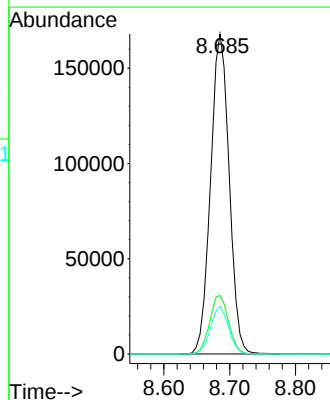
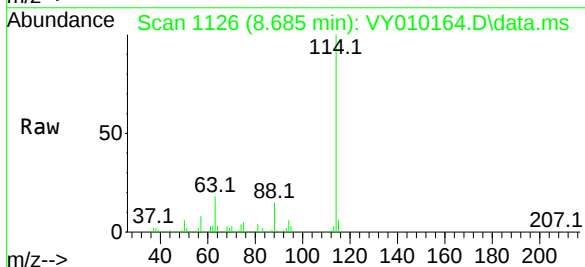
Tgt Ion: 114 Resp: 330172

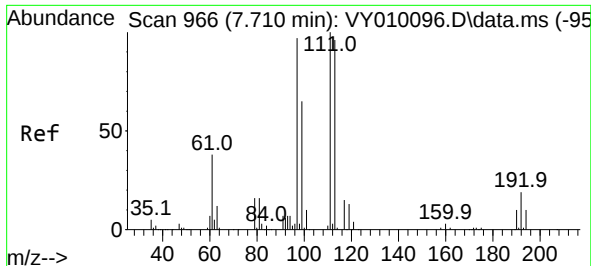
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

88 15.0 0.0 29.6

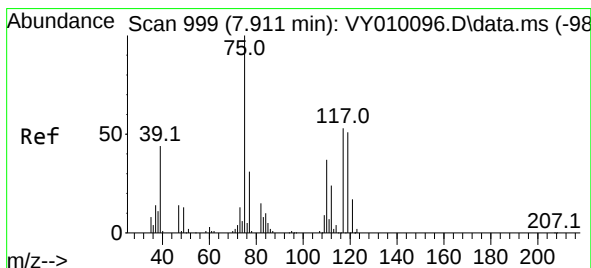
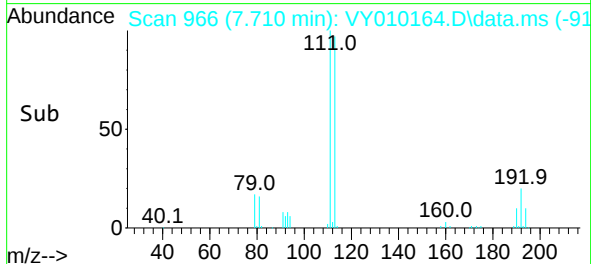
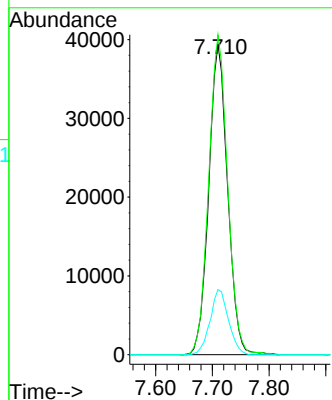
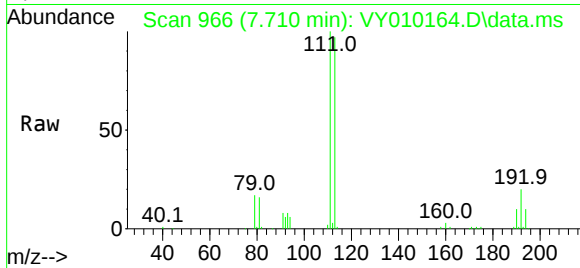




#35
Dibromofluoromethane
Concen: 48.879 ug/l
RT: 7.710 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

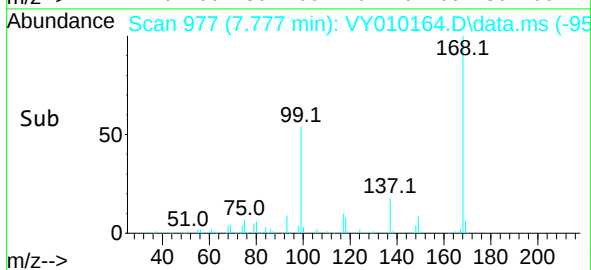
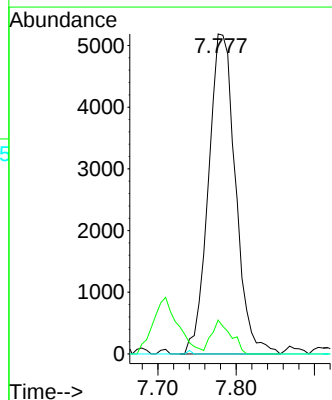
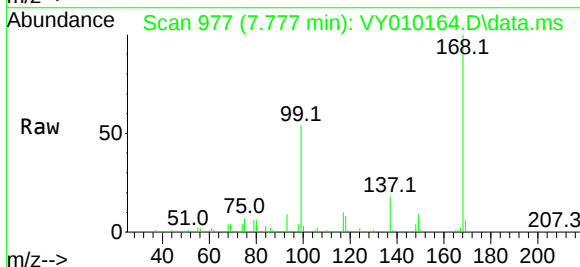
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

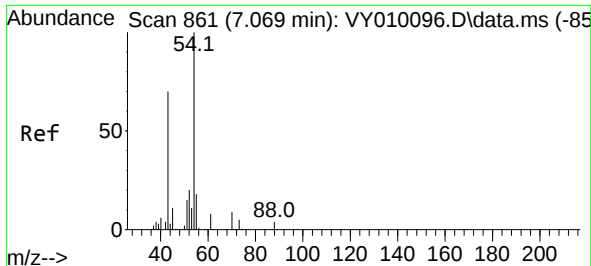
Tgt Ion:	113	Resp:	90937
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	20.5	16.3	24.5



#36
1,1-Dichloropropene
Concen: 4.194 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

Tgt Ion:	75	Resp:	12454
Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.6	56.0#
77	0.0	24.9	37.3#

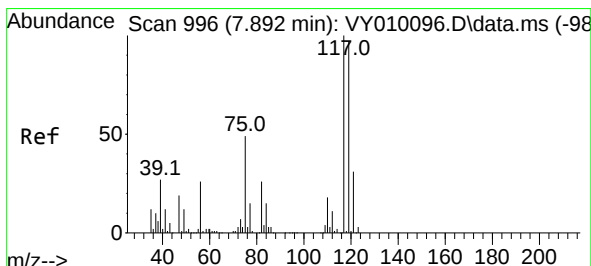
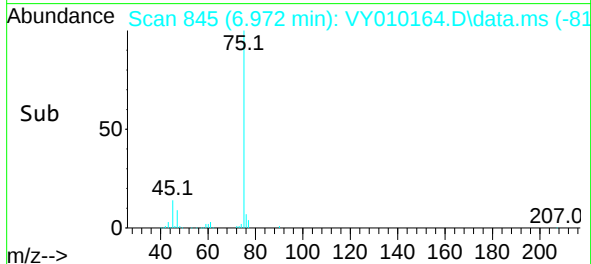
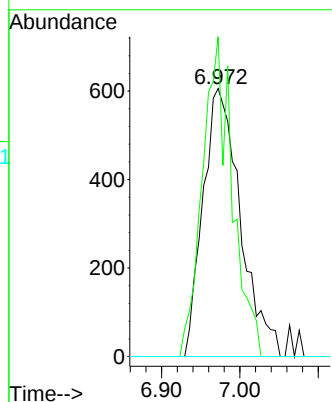
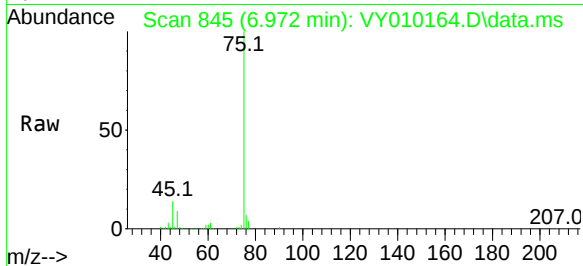




#37
Ethyl Acetate
Concen: 1.334 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.097 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

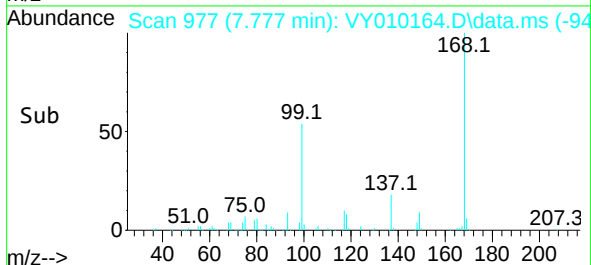
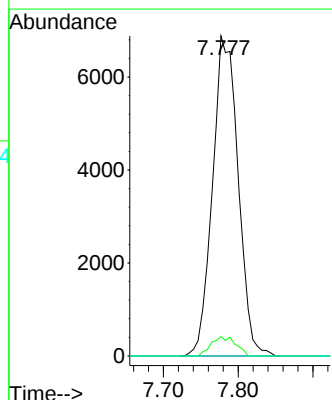
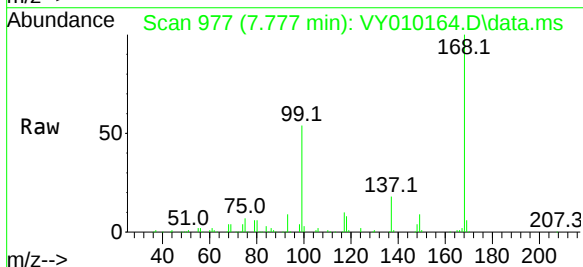
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

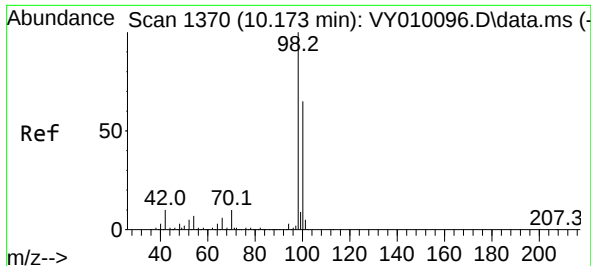
Tgt Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
61 95.0 11.7 17.5#
70 0.0 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 5.264 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.115 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

Tgt Ion: 117 Resp: 16393
Ion Ratio Lower Upper
117 100
119 6.0 77.1 115.7#
121 0.0 24.7 37.1#

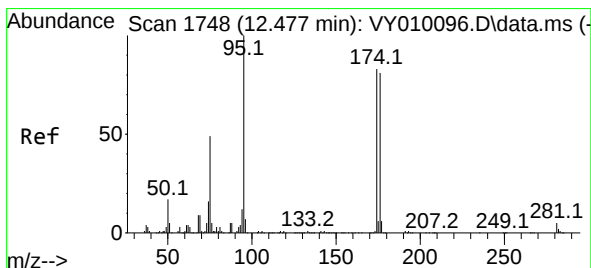
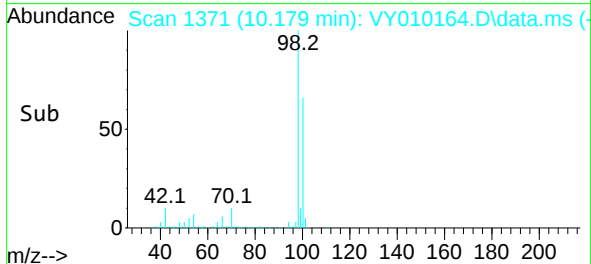
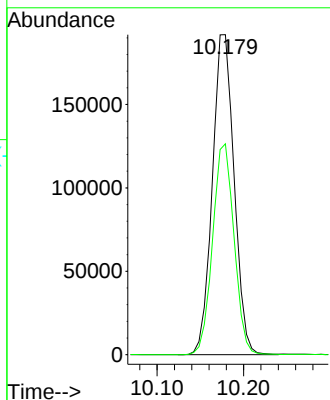
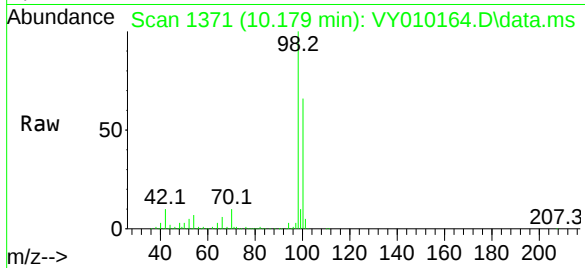




#50
Toluene-d8
Concen: 48.070 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

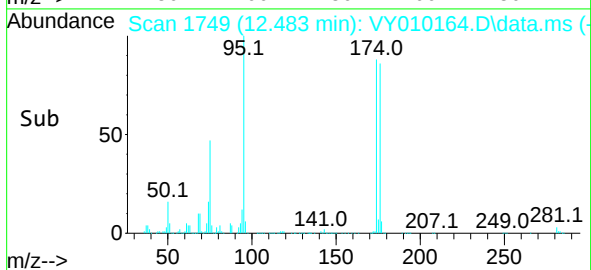
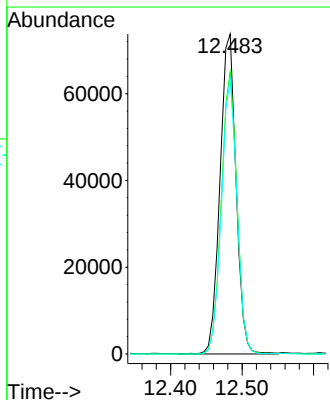
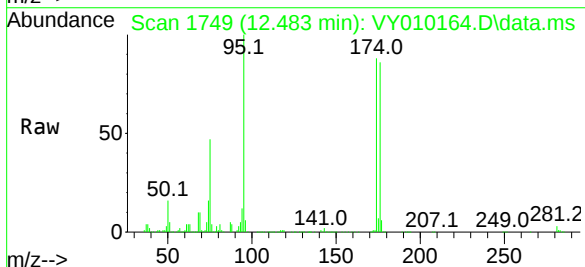
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

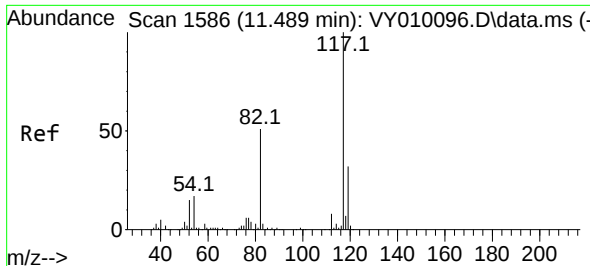
Tgt Ion: 98 Resp: 335109
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.129 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

Tgt Ion: 95 Resp: 114899
Ion Ratio Lower Upper
95 100
174 86.4 0.0 173.8
176 83.3 0.0 167.2

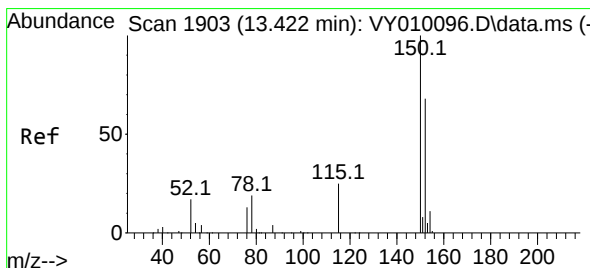
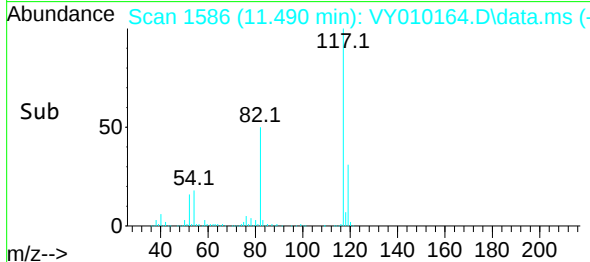
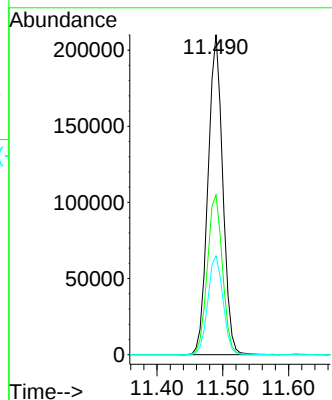
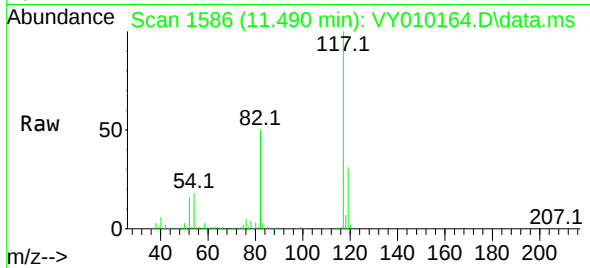




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

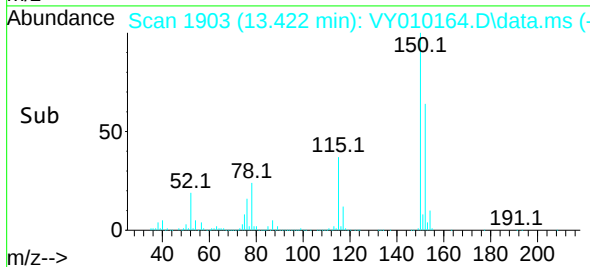
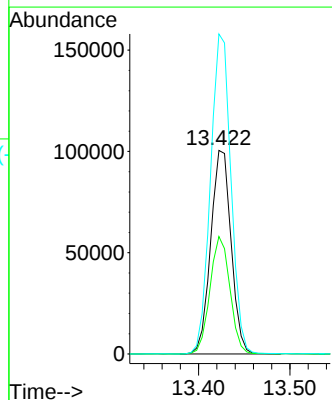
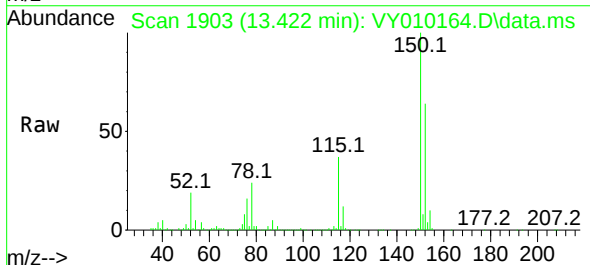
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

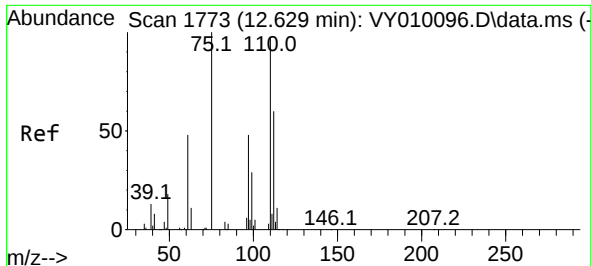
Tgt Ion:117 Resp: 328254
Ion Ratio Lower Upper
117 100
82 49.9 40.6 61.0
119 30.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

Tgt Ion:152 Resp: 155656
Ion Ratio Lower Upper
152 100
115 56.5 28.1 84.2
150 157.6 0.0 346.2

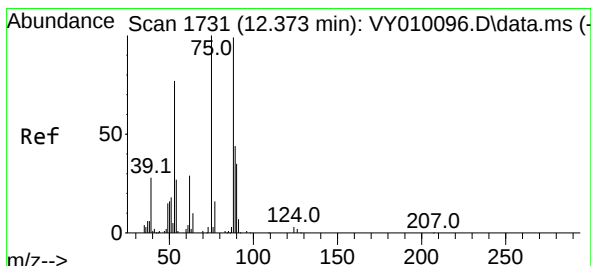
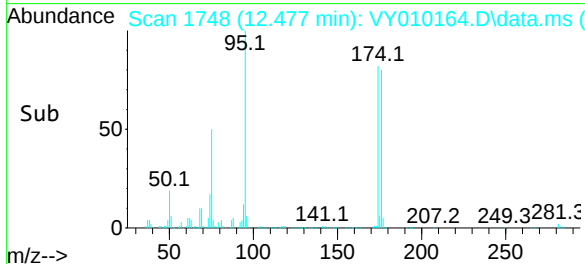
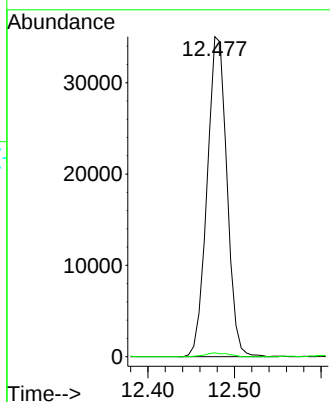
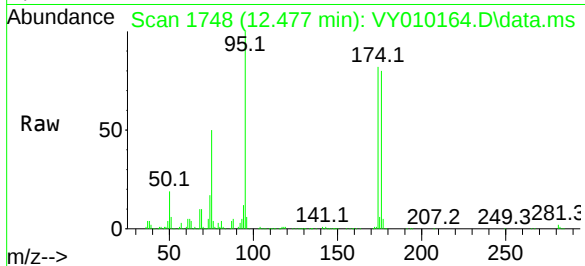




#76
1,2,3-Trichloropropane
Concen: 38.219 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

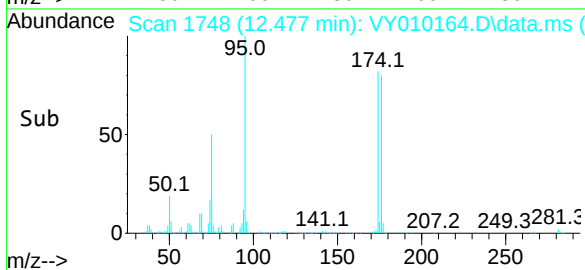
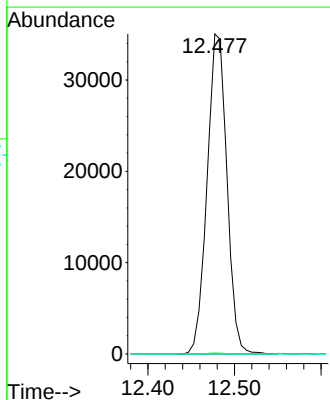
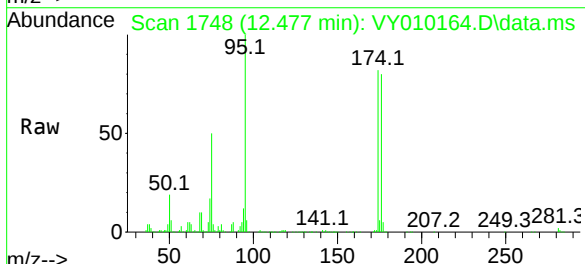
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

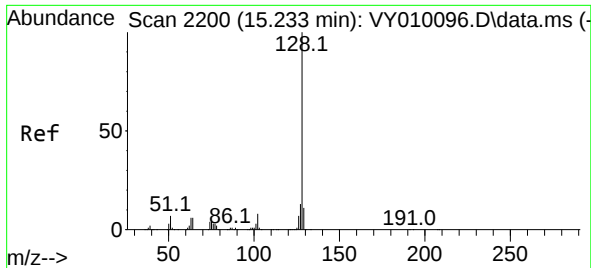
Tgt Ion: 75 Resp: 55714
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.763 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

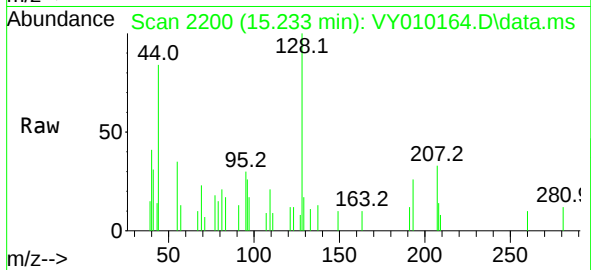
Tgt Ion: 75 Resp: 55714
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 36.8 55.2#





#95
Naphthalene
Concen: 4.110 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

Instrument :
MSVOA_Y
ClientSampleId :
SS-1



Tgt Ion:128 Resp: 1421
Ion Ratio Lower Upper
128 100
127 4.8 10.2 15.2#
129 20.4 8.9 13.3#

