

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111724\
 Data File : VY020323.D
 Acq On : 17 Nov 2024 14:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 18 02:23:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111724S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 18 02:20:02 2024
 Response via : Initial Calibration

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

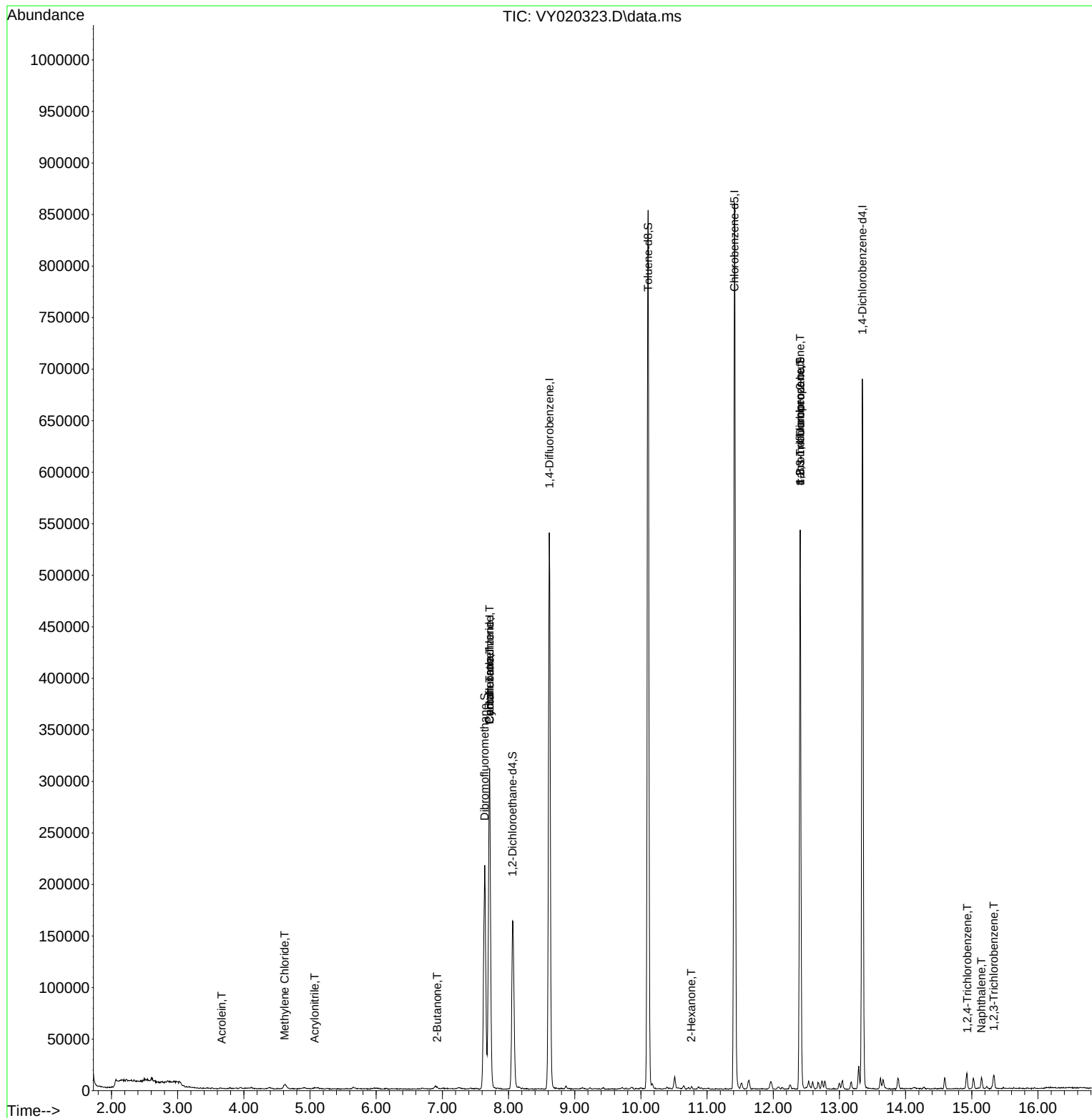
Internal Standards						
1) Pentafluorobenzene	7.713	168	217338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	433622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	434930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	162567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135459	56.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.280%	
35) Dibromofluoromethane	7.640	113	145693	48.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.260%	
50) Toluene-d8	10.109	98	545877	49.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	12.408	95	161024	48.513	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.020%	
Target Compounds						Qvalue
13) Acrolein	3.665	56	545	2.562	ug/l #	60
15) Acrylonitrile	5.068	53	1159	2.456	ug/l #	75
20) Methylene Chloride	4.616	84	3055	1.341	ug/l	88
25) 2-Butanone	6.921	43	820	1.028	ug/l #	49
31) Cyclohexane	7.713	56	6420	1.323	ug/l #	1
38) Carbon Tetrachloride	7.713	117	24620	5.002	ug/l #	16
59) 2-Hexanone	10.762	43	1661	1.018	ug/l	94
76) 1,2,3-Trichloropropane	12.408	75	92415	50.077	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	92415	119.354	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.932	180	3788	1.298	ug/l	94
95) Naphthalene	15.145	128	7917	1.585	ug/l	97
96) 1,2,3-Trichlorobenzene	15.334	180	3485	1.478	ug/l	94

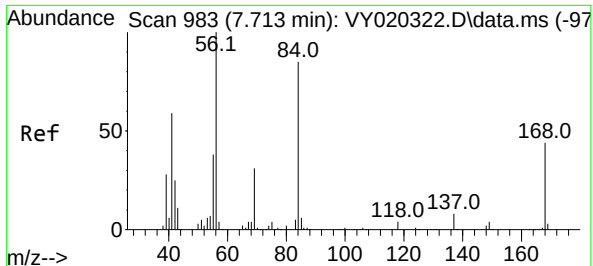
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111724\
Data File : VY020323.D
Acq On : 17 Nov 2024 14:02
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 18 02:23:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111724S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 18 02:20:02 2024
Response via : Initial Calibration

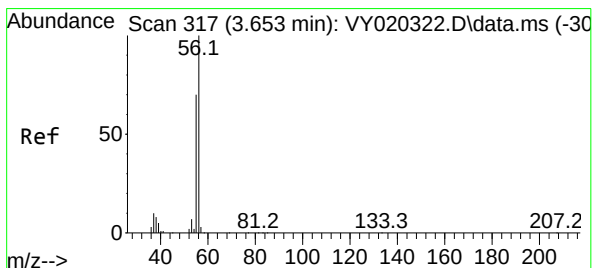
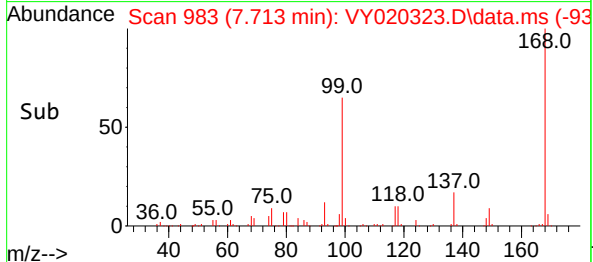
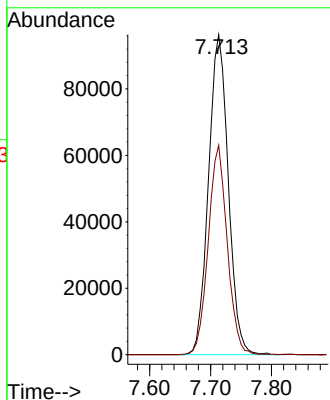
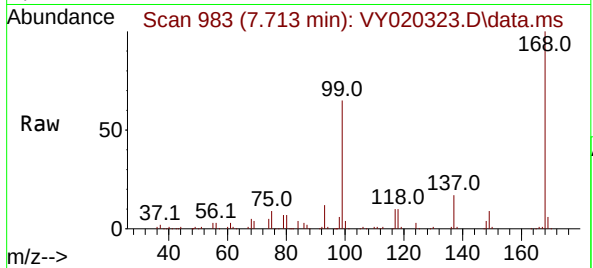




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

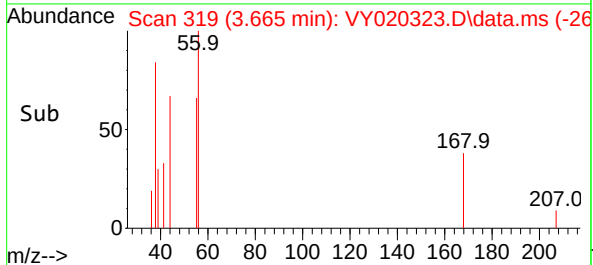
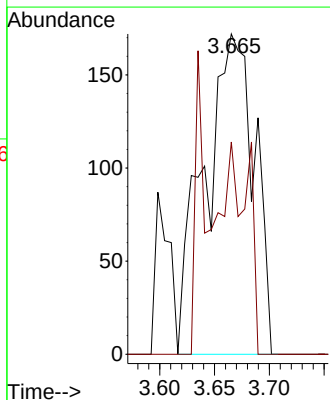
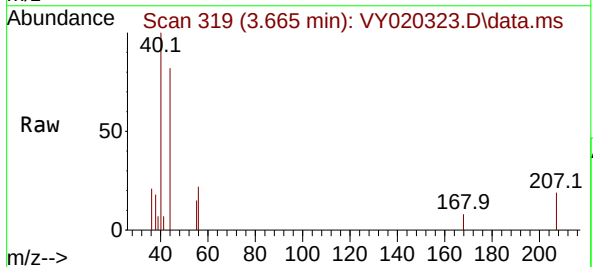
Instrument :
MSVOA_Y
ClientSampleId :

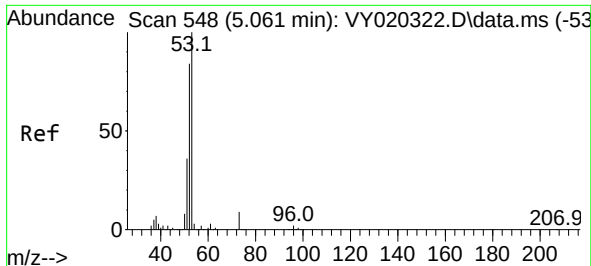
Tgt Ion:168 Resp: 217338
Ion Ratio Lower Upper
168 100
99 65.5 48.7 73.1



#13
Acrolein
Concen: 2.562 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

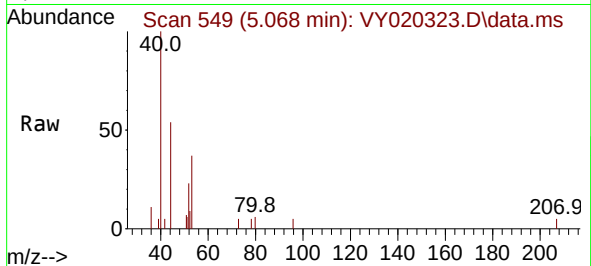
Tgt Ion: 56 Resp: 545
Ion Ratio Lower Upper
56 100
55 35.6 54.6 81.8#



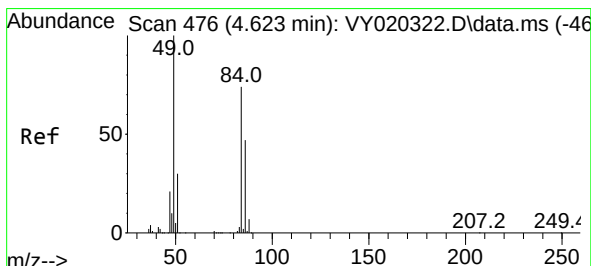
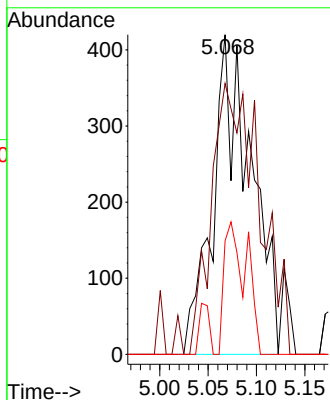
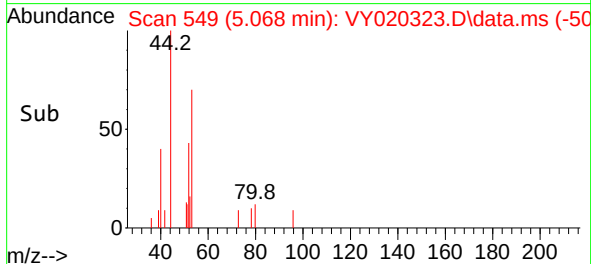


#15
Acrylonitrile
Concen: 2.456 ug/l
RT: 5.068 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

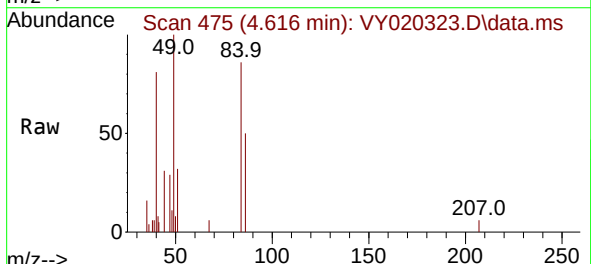
Instrument :
MSVOA_Y
ClientSampleId :



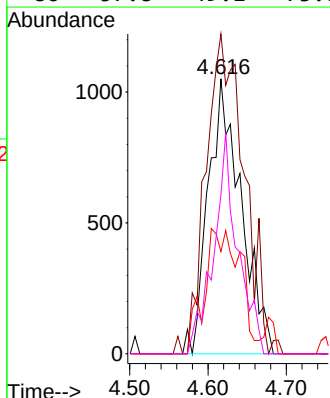
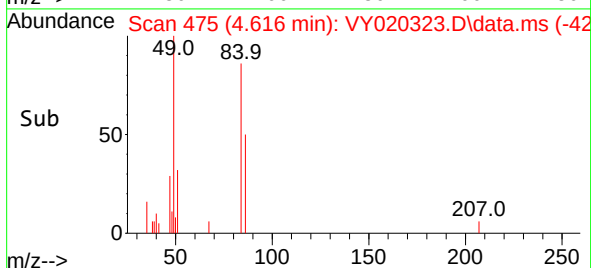
Tgt Ion: 53 Resp: 1159
Ion Ratio Lower Upper
53 100
52 105.9 66.2 99.2#
51 24.0 29.8 44.8#

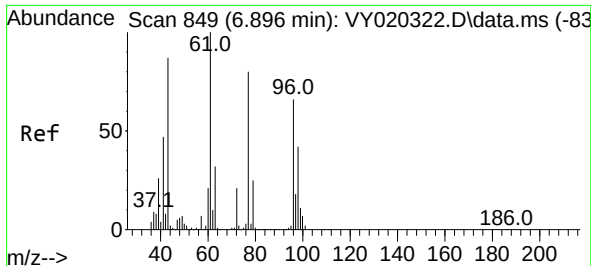


#20
Methylene Chloride
Concen: 1.341 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02



Tgt Ion: 84 Resp: 3055
Ion Ratio Lower Upper
84 100
49 111.2 105.0 157.6
51 37.2 33.4 50.0
86 57.8 49.1 73.7

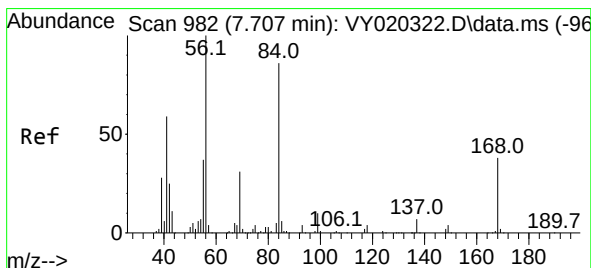
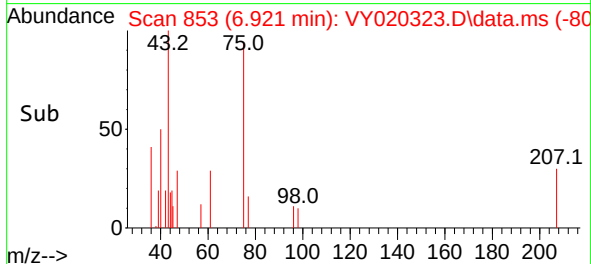
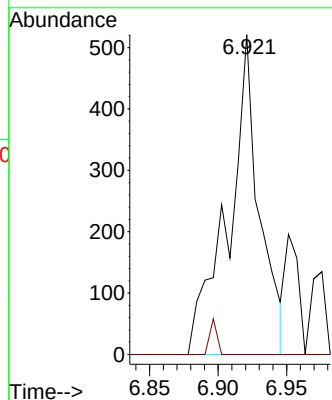
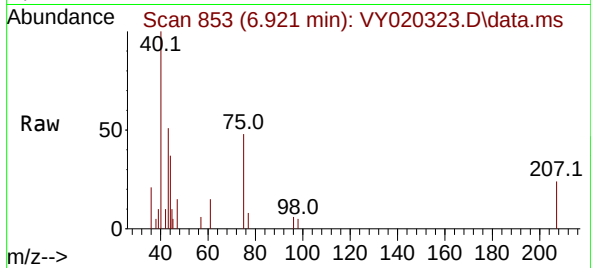




#25
2-Butanone
Concen: 1.028 ug/l
RT: 6.921 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

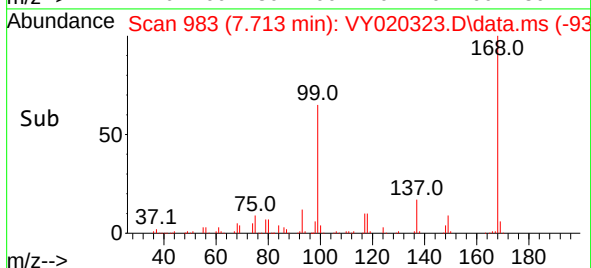
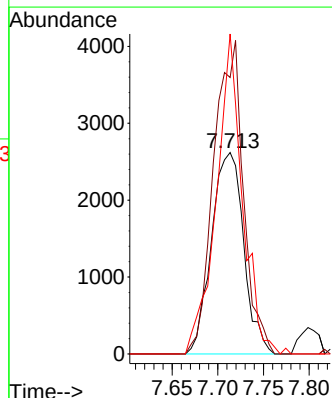
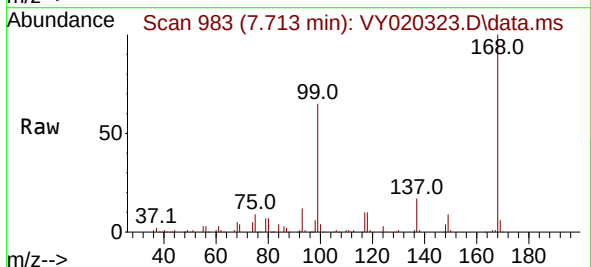
Instrument :
MSVOA_Y
ClientSampleId :

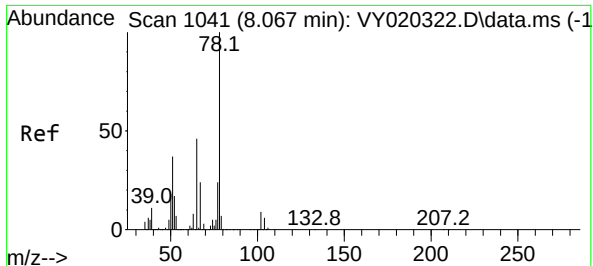
Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#



#31
Cyclohexane
Concen: 1.323 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

Tgt Ion: 56 Resp: 6420
Ion Ratio Lower Upper
56 100
69 137.3 25.2 37.8#
84 158.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 56.640 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.006 min

Lab File: VY020323.D

Acq: 17 Nov 2024 14:02

Instrument :

MSVOA_Y

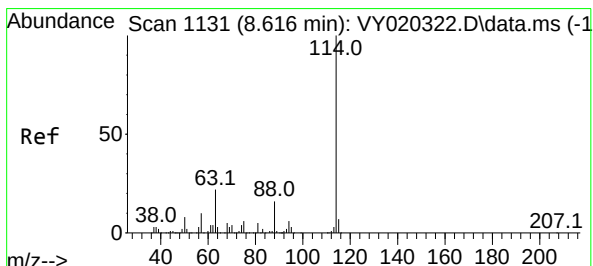
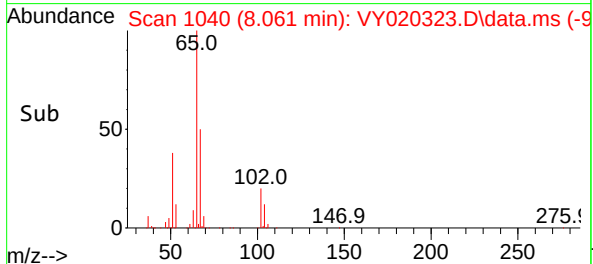
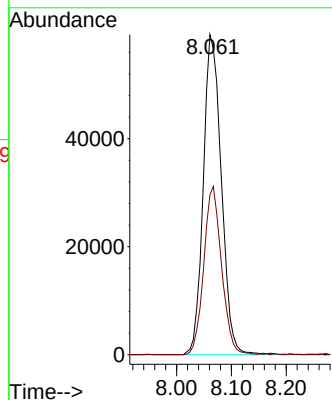
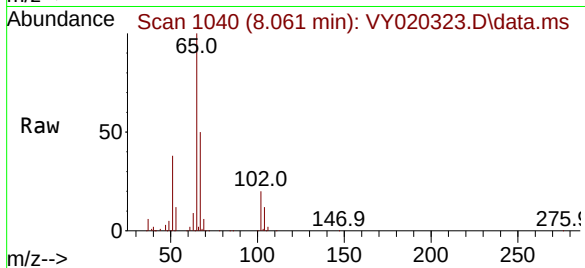
ClientSampleId :

Tgt Ion: 65 Resp: 135459

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020323.D

Acq: 17 Nov 2024 14:02

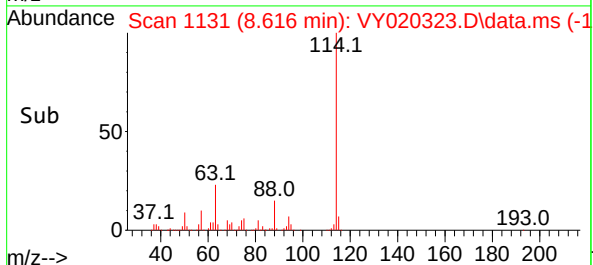
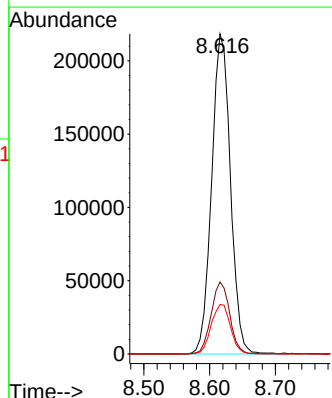
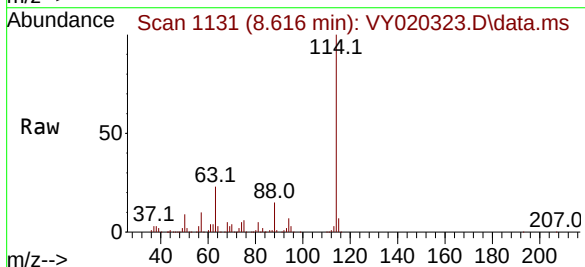
Tgt Ion: 114 Resp: 433622

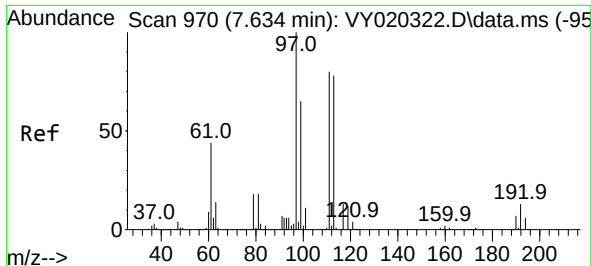
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

88 15.5 0.0 31.8

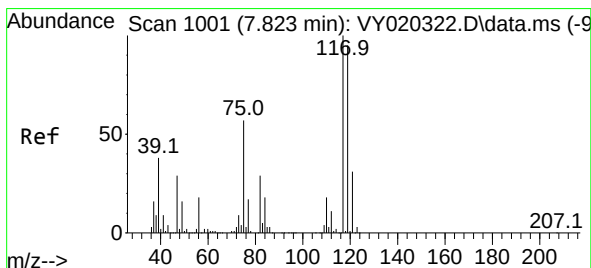
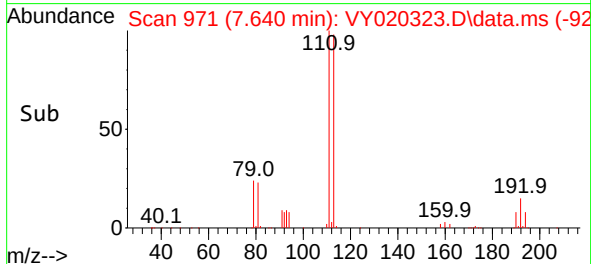
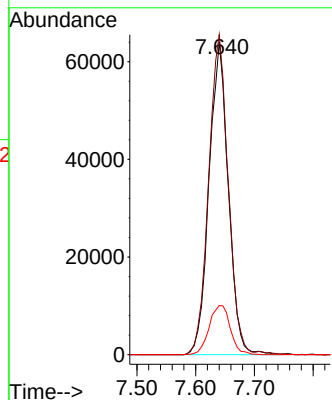
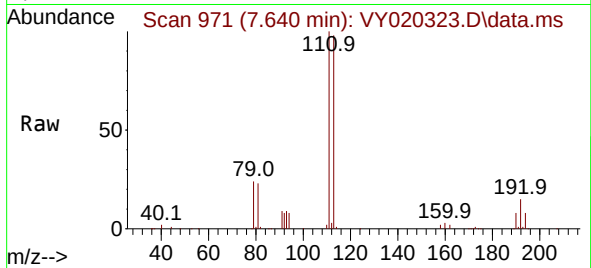




#35
Dibromofluoromethane
Concen: 48.134 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

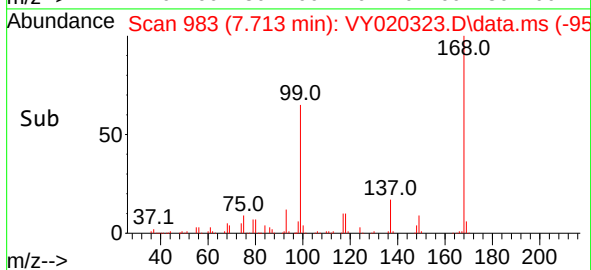
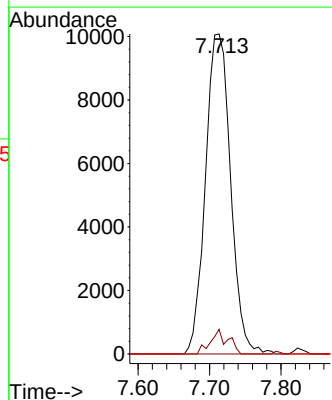
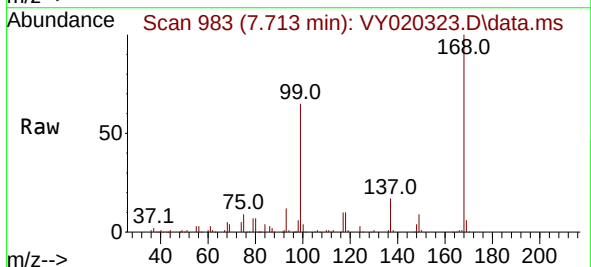
Instrument :
MSVOA_Y
ClientSampleId :

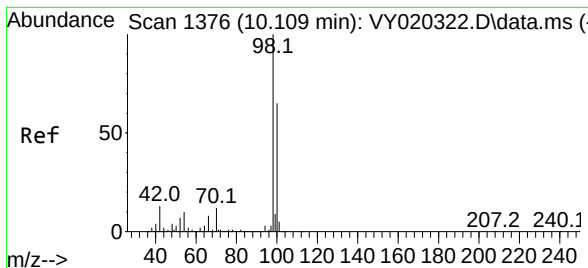
Tgt Ion:113 Resp: 145693
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 17.3 14.2 21.4



#38
Carbon Tetrachloride
Concen: 5.002 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

Tgt Ion:117 Resp: 24620
Ion Ratio Lower Upper
117 100
119 7.7 79.9 119.9#
121 0.0 24.6 36.8#

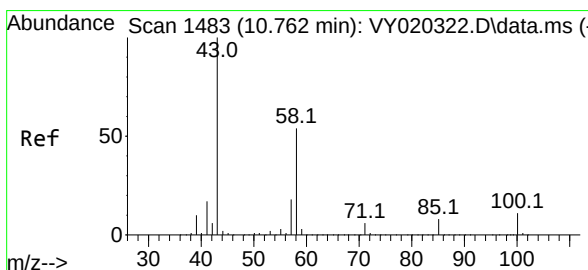
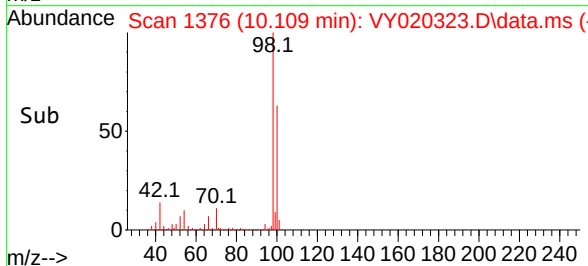
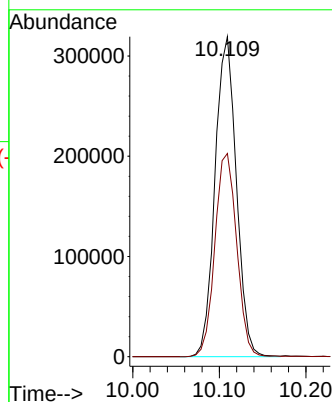
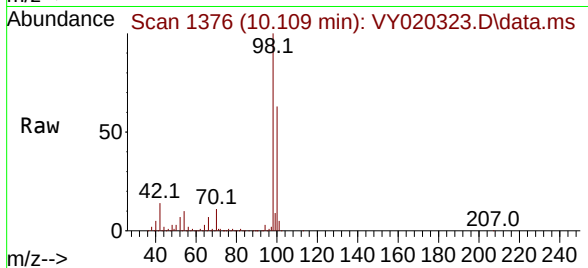




#50
Toluene-d8
Concen: 49.981 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

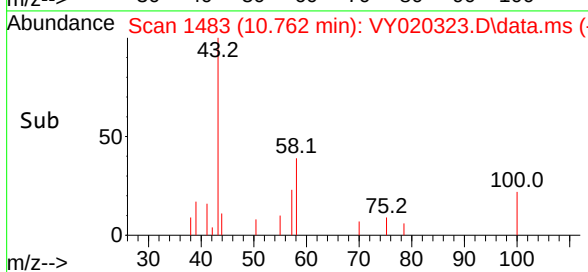
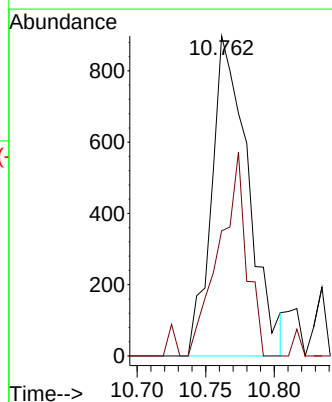
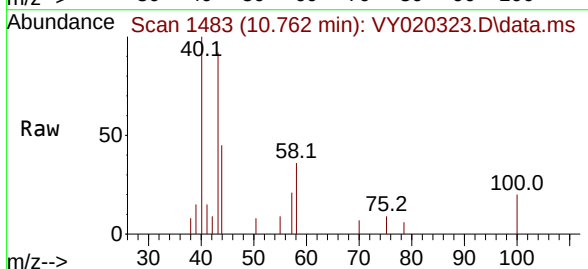
Instrument :
MSVOA_Y
ClientSampleId :

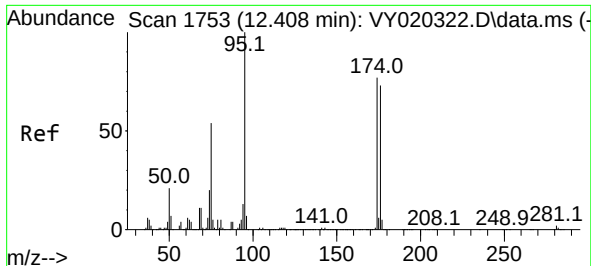
Tgt Ion: 98 Resp: 545877
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#59
2-Hexanone
Concen: 1.018 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
58 48.0 26.3 78.8

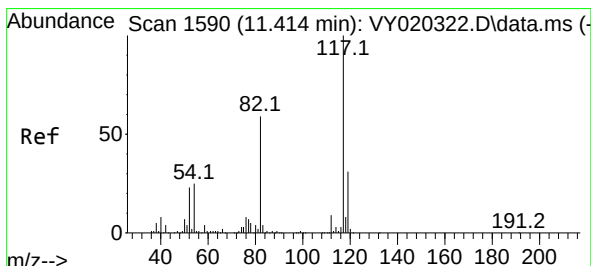
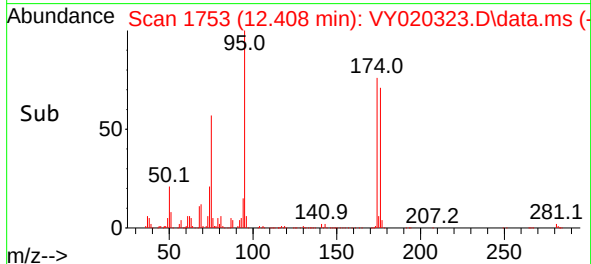
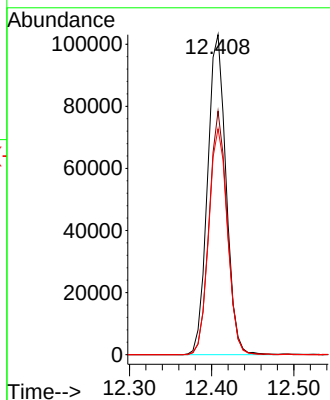
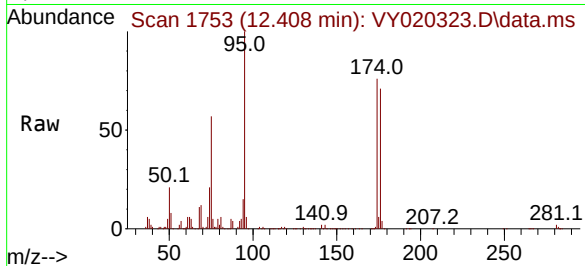




#62
4-Bromofluorobenzene
Concen: 48.513 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

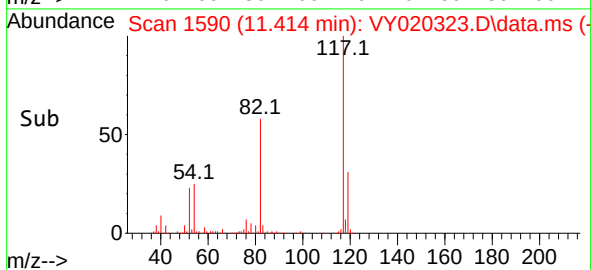
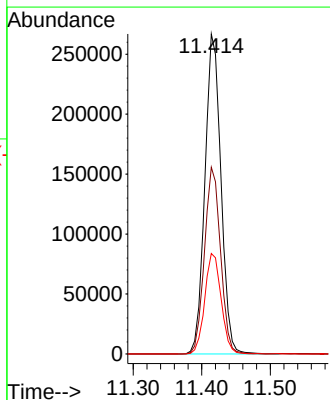
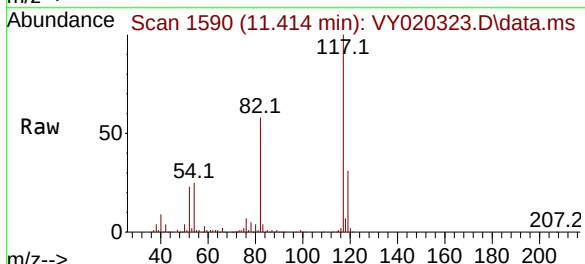
Instrument :
MSVOA_Y
ClientSampleId :

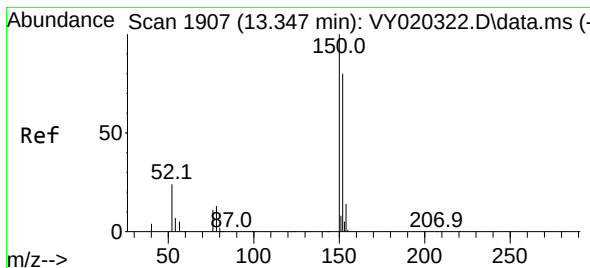
Tgt Ion: 95 Resp: 161024
Ion Ratio Lower Upper
95 100
174 74.0 0.0 151.0
176 71.3 0.0 143.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

Tgt Ion: 117 Resp: 434930
Ion Ratio Lower Upper
117 100
82 58.4 45.5 68.3
119 31.4 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020323.D

Acq: 17 Nov 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

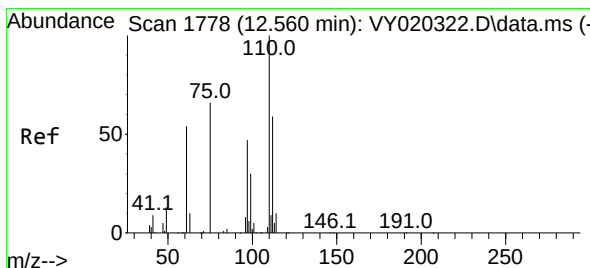
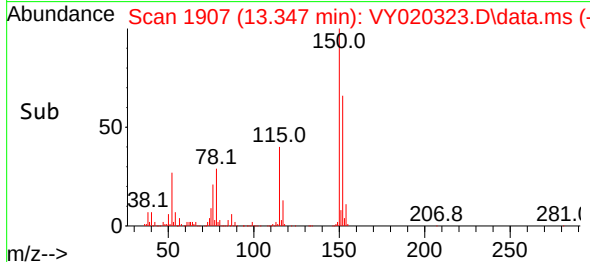
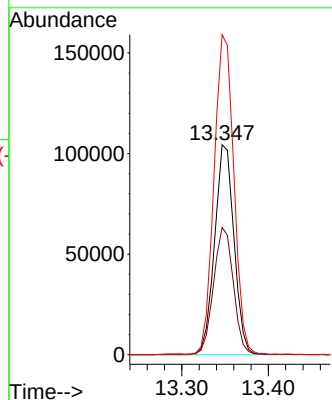
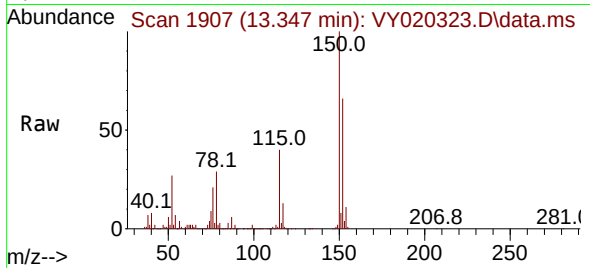
Tgt Ion:152 Resp: 162567

Ion Ratio Lower Upper

152 100

115 61.5 30.2 90.6

150 155.2 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 50.077 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020323.D

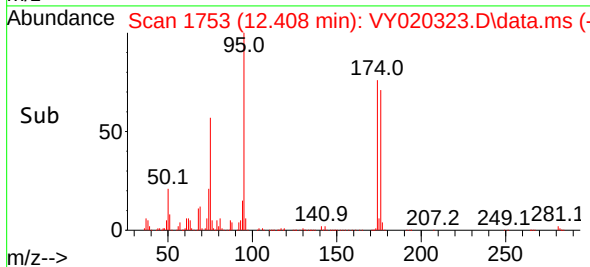
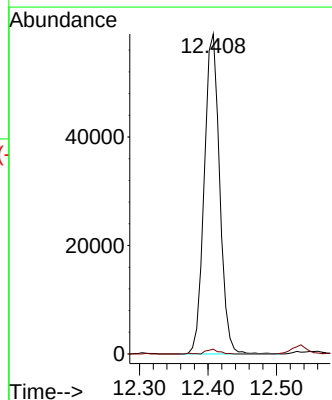
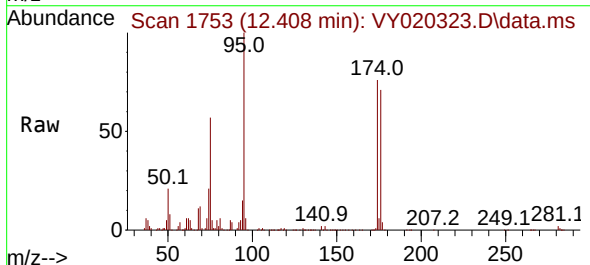
Acq: 17 Nov 2024 14:02

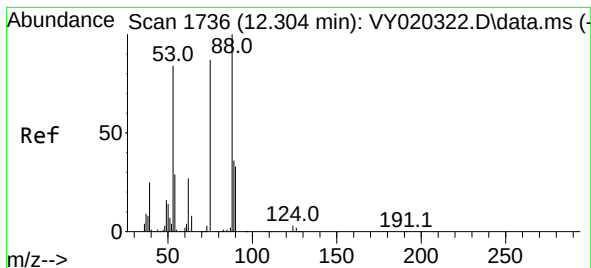
Tgt Ion: 75 Resp: 92415

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

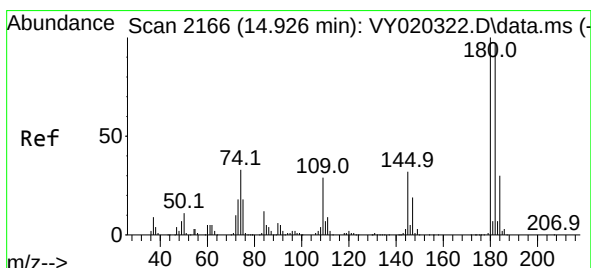
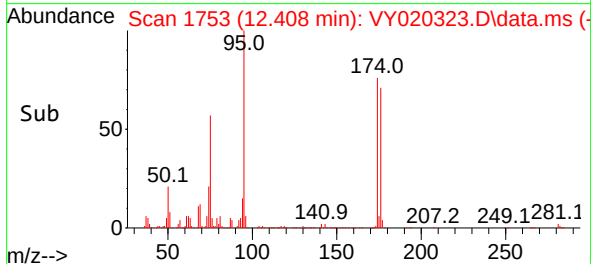
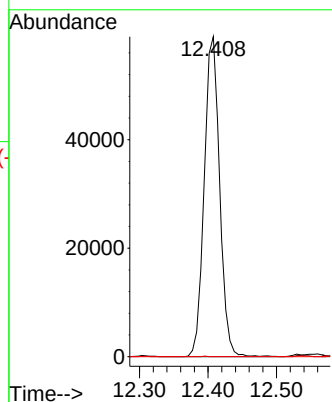
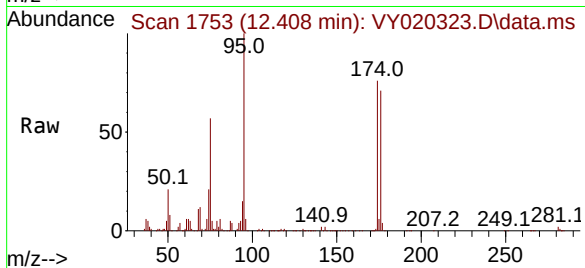




#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.354 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020323.D
 Acq: 17 Nov 2024 14:02

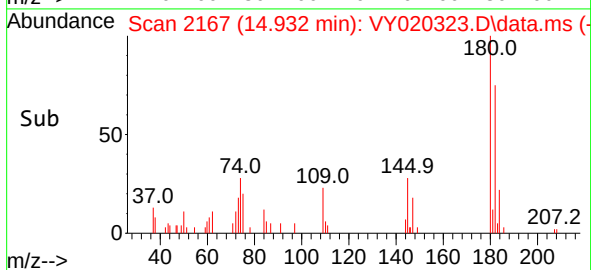
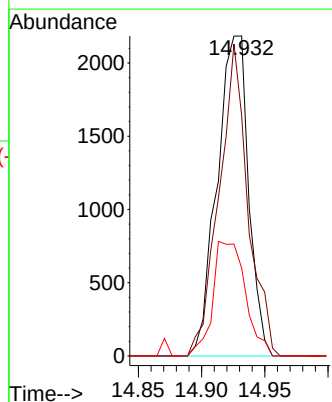
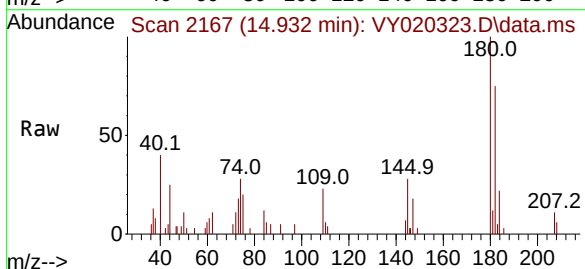
Instrument :
 MSVOA_Y
 ClientSampleId :

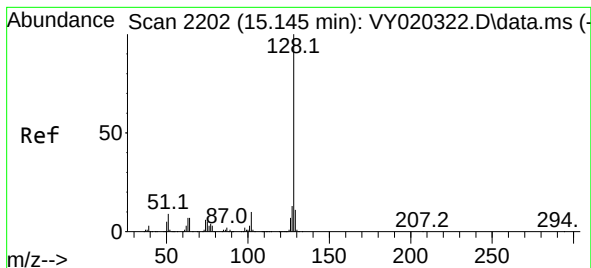
Tgt Ion: 75 Resp: 92415
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 37.0 55.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.298 ug/l
 RT: 14.932 min Scan# 2167
 Delta R.T. 0.012 min
 Lab File: VY020323.D
 Acq: 17 Nov 2024 14:02

Tgt Ion:180 Resp: 3788
 Ion Ratio Lower Upper
 180 100
 182 89.5 46.7 140.0
 145 36.9 15.6 46.7





#95

Naphthalene

Concen: 1.585 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY020323.D

Acq: 17 Nov 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

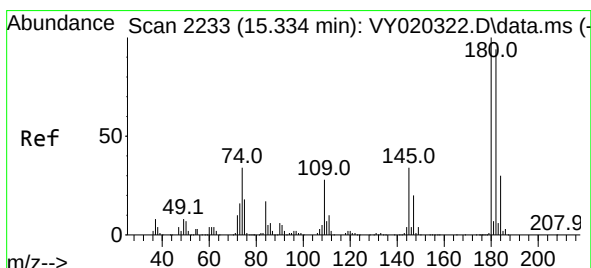
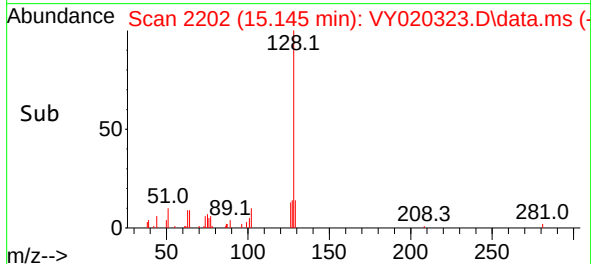
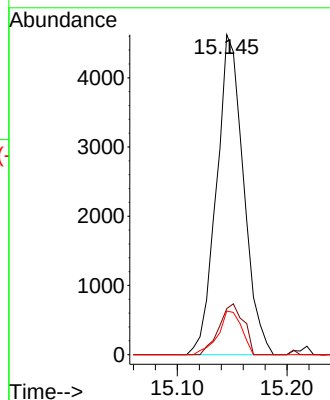
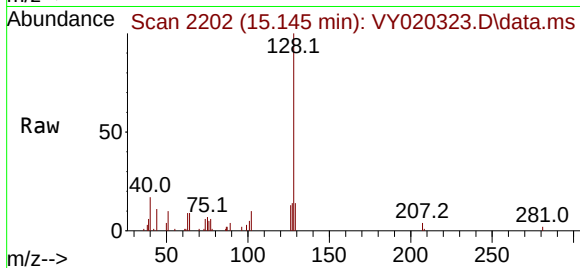
Tgt Ion:128 Resp: 7917

Ion Ratio Lower Upper

128 100

127 14.5 10.2 15.4

129 11.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 1.478 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY020323.D

Acq: 17 Nov 2024 14:02

Tgt Ion:180 Resp: 3485

Ion Ratio Lower Upper

180 100

182 99.2 46.8 140.3

145 37.4 16.5 49.5

