

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020246.D
 Acq On : 11 Nov 2024 14:25
 Operator : SY/MD
 Sample : P4768-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 11 23:15:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

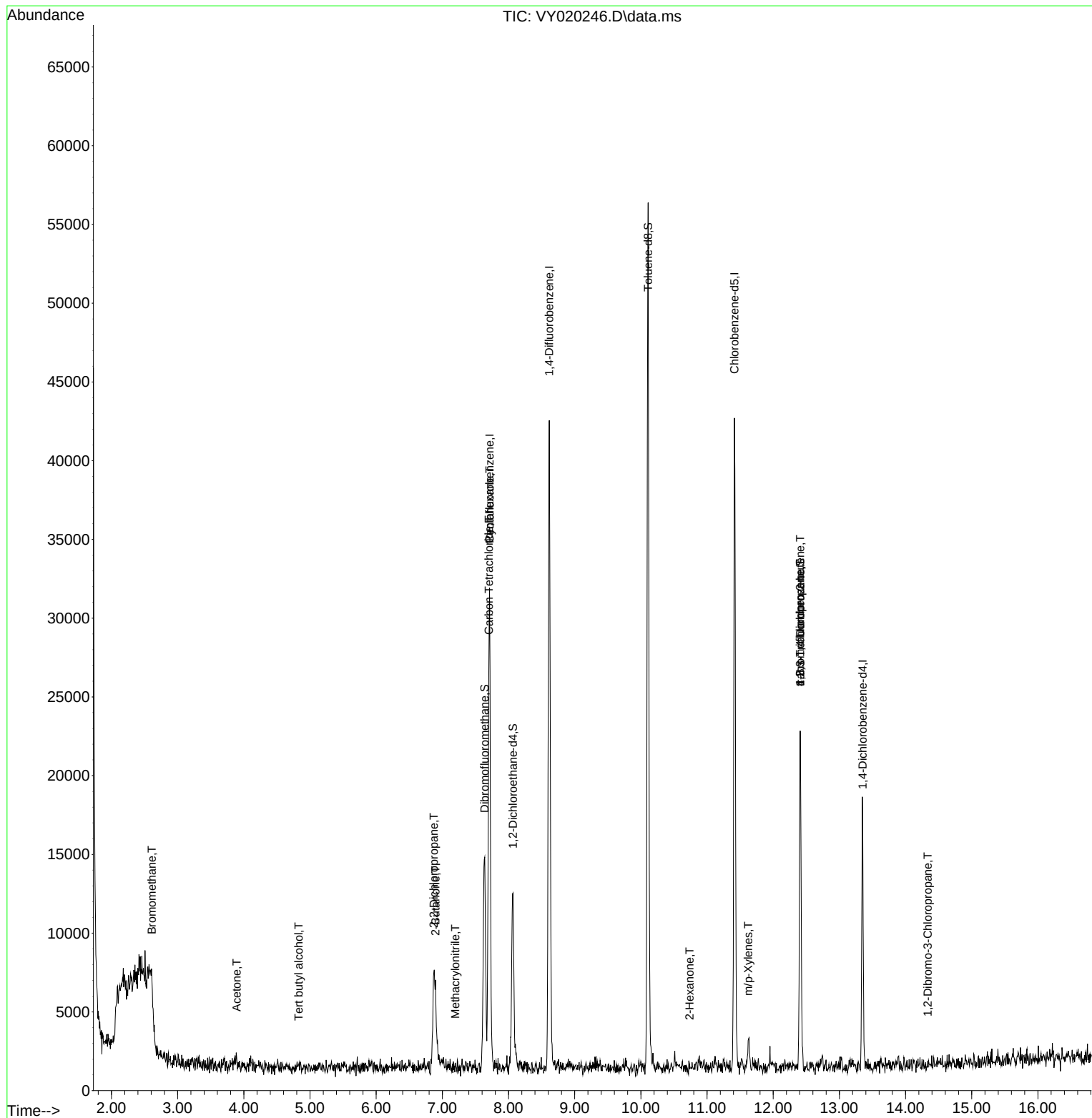
Internal Standards						
1) Pentafluorobenzene	7.713	168	20694	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	32857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	20158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	3939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	8776	33.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.960%
35) Dibromofluoromethane	7.640	113	10217	48.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.820%
50) Toluene-d8	10.109	98	34537	41.534	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.060%
62) 4-Bromofluorobenzene	12.408	95	6205	22.974	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	45.940%
Target Compounds						
					Qvalue	
5) Bromomethane	2.611	94	403	1.782	ug/l	88
11) Tert butyl alcohol	4.830	59	166	8.935	ug/l	# 88
16) Acetone	3.891	43	1013	16.866	ug/l	# 36
25) 2-Butanone	6.896	43	581	7.136	ug/l	# 41
26) 2,2-Dichloropropane	6.872	77	489	1.214	ug/l	# 51
31) Cyclohexane	7.713	56	690	1.472	ug/l	# 33
38) Carbon Tetrachloride	7.701	117	2187	6.739	ug/l	# 13
41) Methacrylonitrile	7.195	41	83	1.077	ug/l	# 1
59) 2-Hexanone	10.737	43	111	1.016	ug/l	# 19
68) m/p-Xylenes	11.621	106	833	2.836	ug/l	# 62
76) 1,2,3-Trichloropropane	12.408	75	4068	110.172	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	4068	236.977	ug/l	# 16
92) 1,2-Dibromo-3-Chloropr...	14.334	75	29	3.475	ug/l	# 1

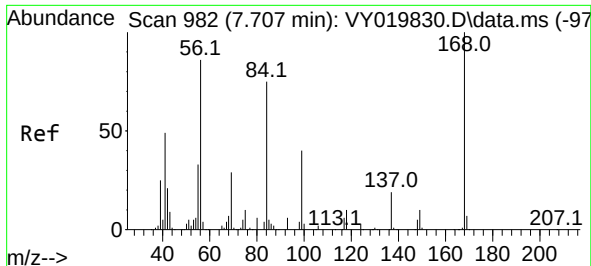
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 11 23:15:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

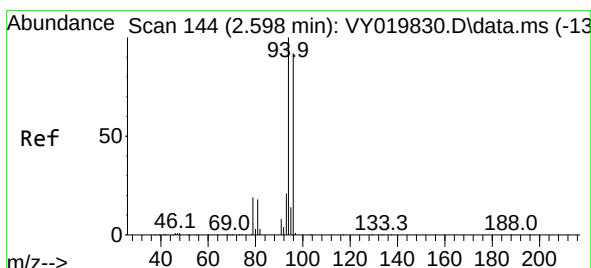
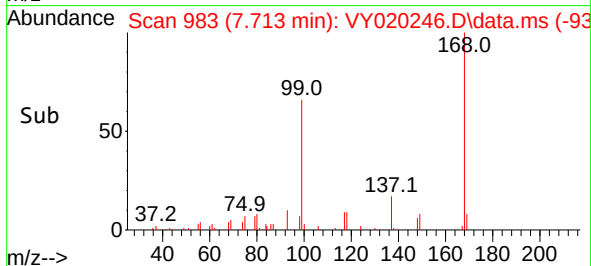
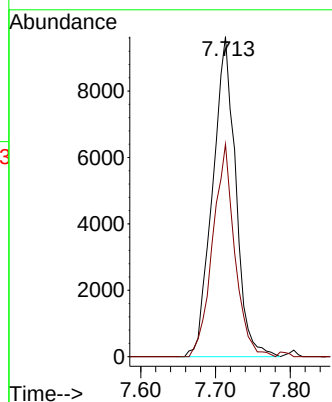
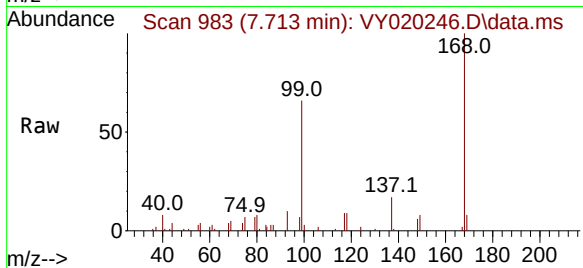




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

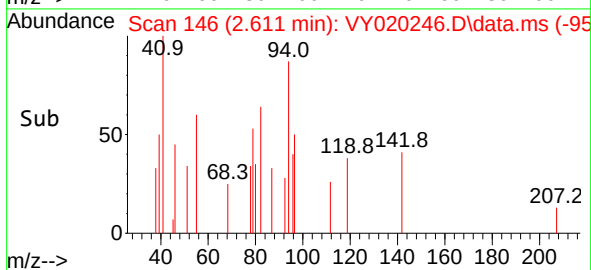
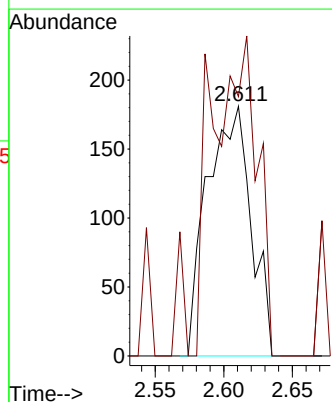
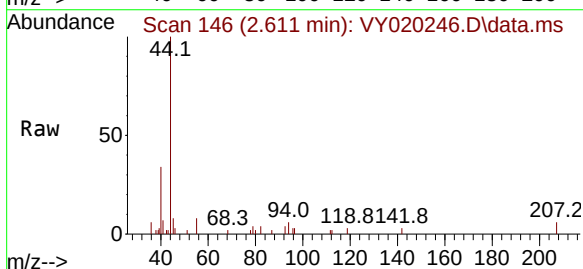
Instrument :
MSVOA_Y
ClientSampleId :

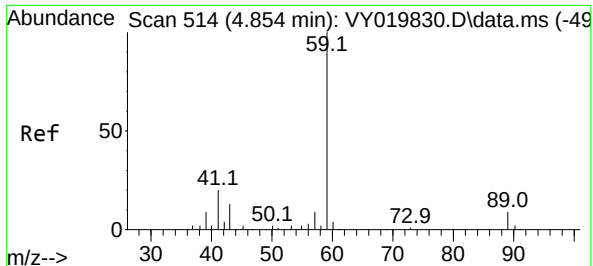
Tgt Ion:168 Resp: 20694
Ion Ratio Lower Upper
168 100
99 66.4 39.1 58.7#



#5
Bromomethane
Concen: 1.782 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.013 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

Tgt Ion: 94 Resp: 403
Ion Ratio Lower Upper
94 100
96 103.9 74.1 111.1

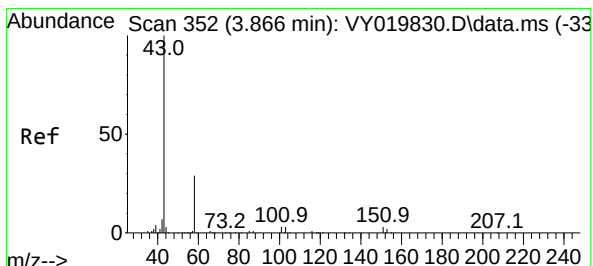
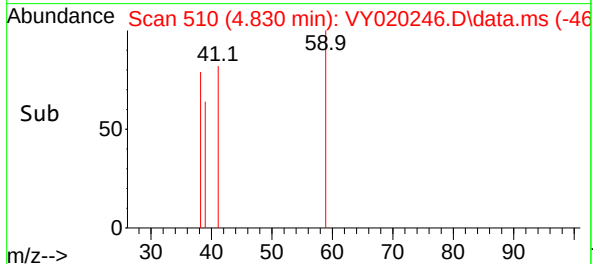
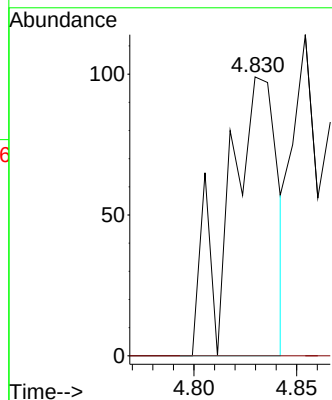
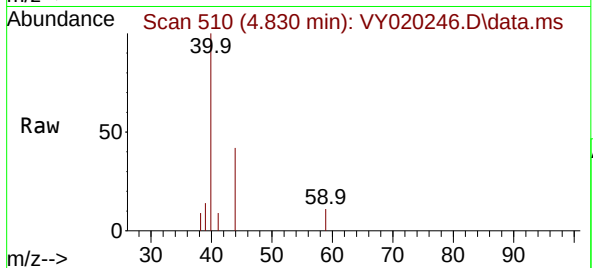




#11
Tert butyl alcohol
Concen: 8.935 ug/l
RT: 4.830 min Scan# 514
Delta R.T. -0.030 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

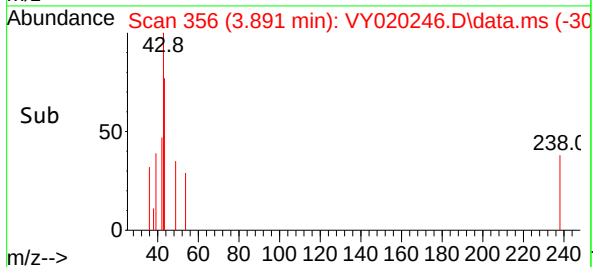
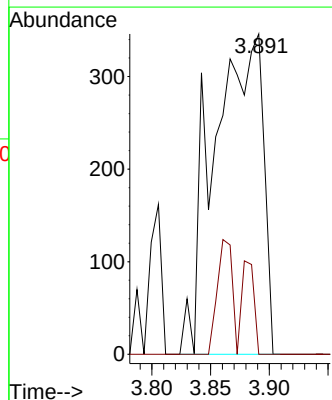
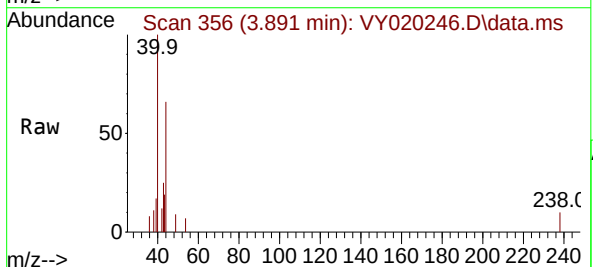
Instrument :
MSVOA_Y
ClientSampleId :

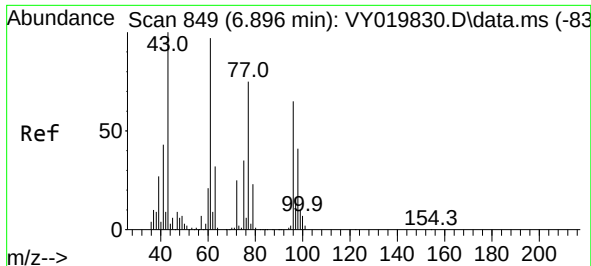
Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 16.866 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.019 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

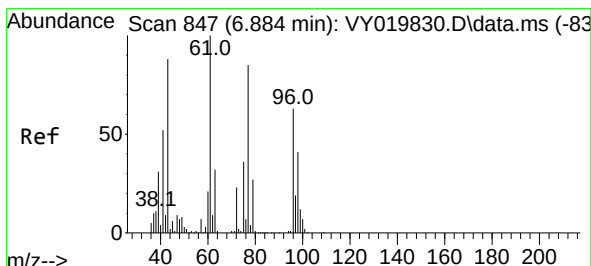
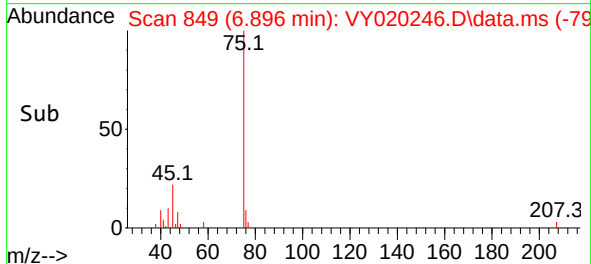
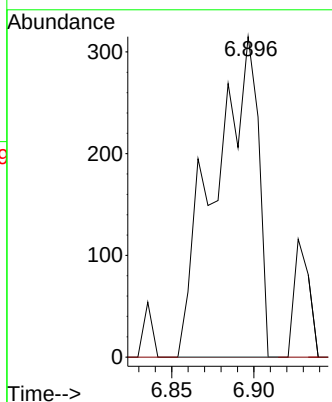
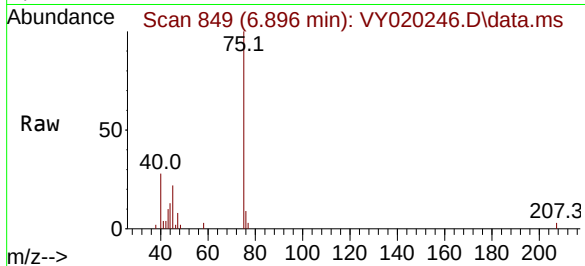




#25
2-Butanone
Concen: 7.136 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

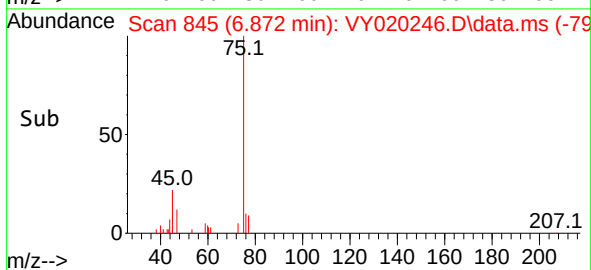
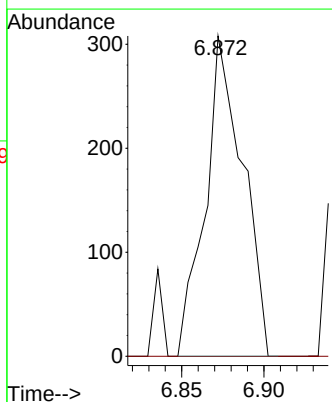
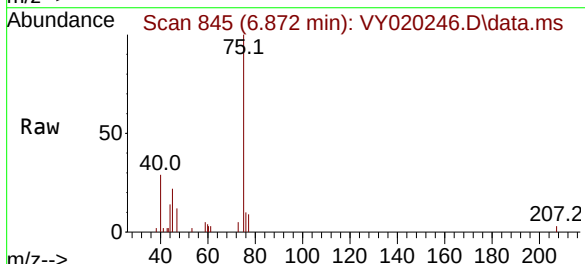
Instrument :
MSVOA_Y
ClientSampleId :

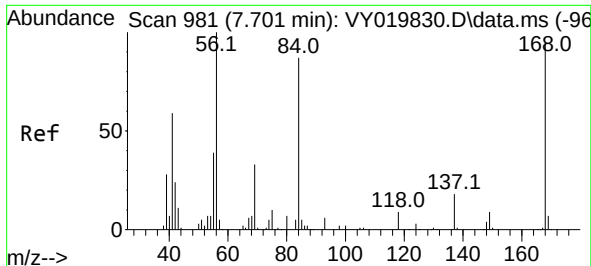
Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.214 ug/l
RT: 6.872 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

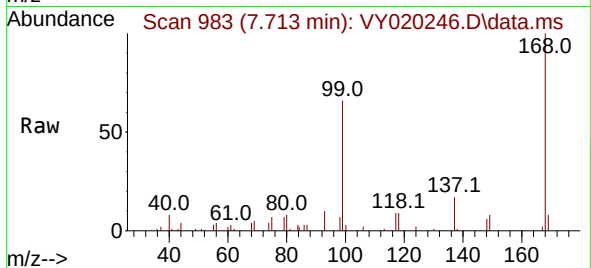
Tgt Ion: 77 Resp: 489
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



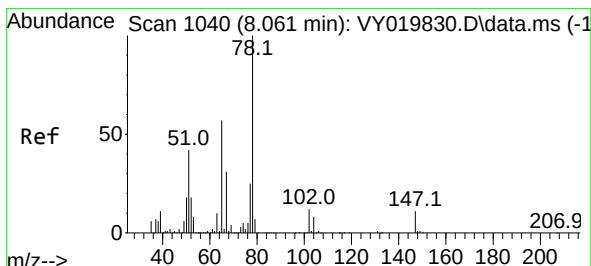
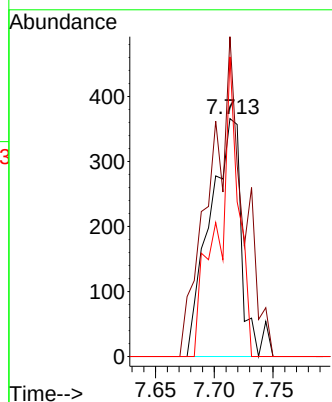
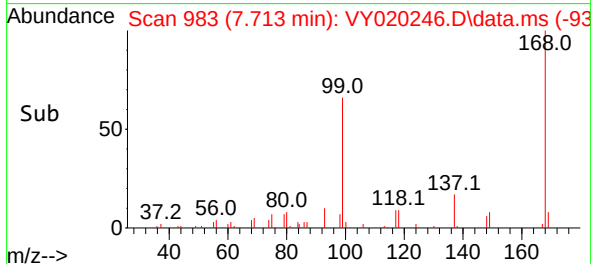


#31
Cyclohexane
Concen: 1.472 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

Instrument :
MSVOA_Y
ClientSampleId :

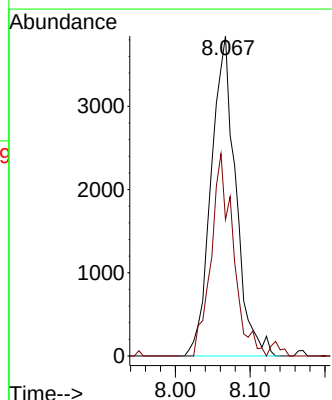
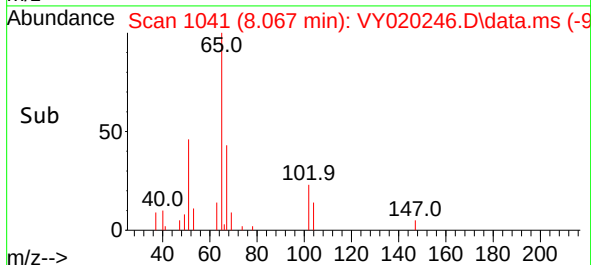
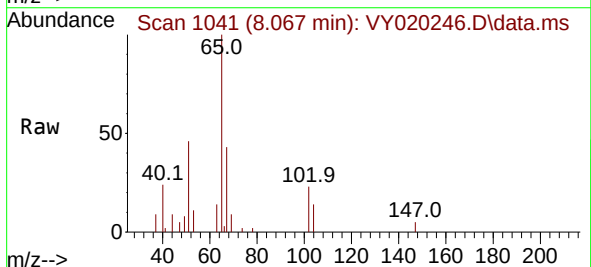


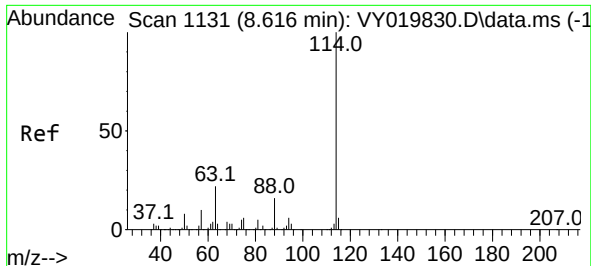
Tgt Ion: 56 Resp: 690
Ion Ratio Lower Upper
56 100
69 134.4 28.7 43.1#
84 126.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 33.979 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

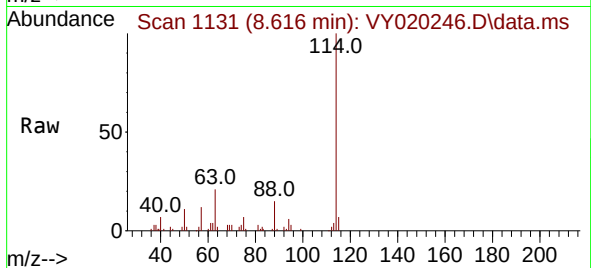
Tgt Ion: 65 Resp: 8776
Ion Ratio Lower Upper
65 100
67 56.9 0.0 109.6



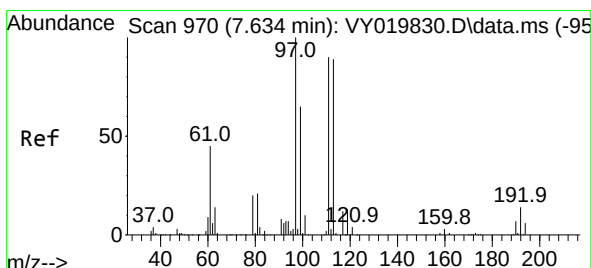
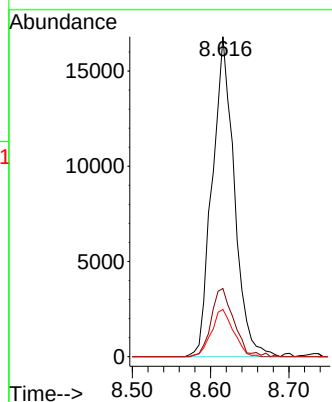
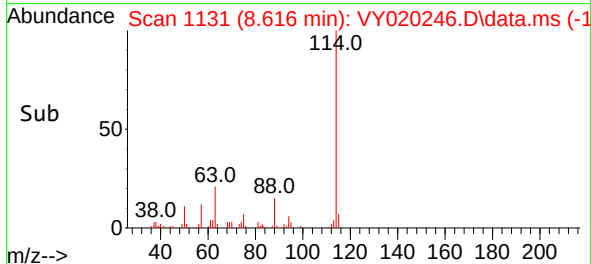


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

Instrument :
MSVOA_Y
ClientSampleId :

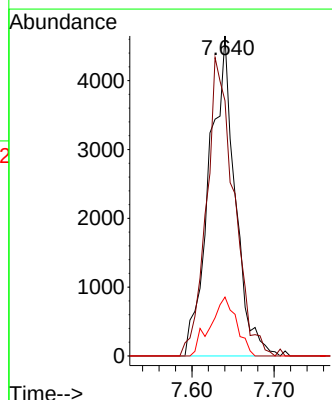
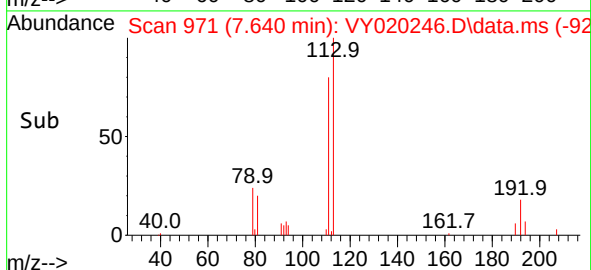
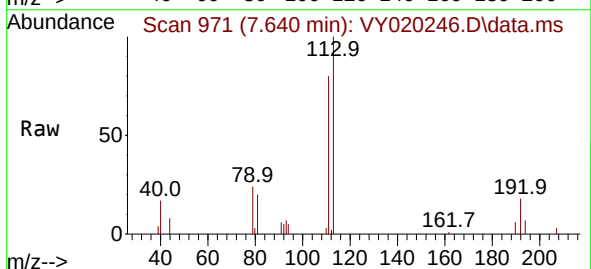


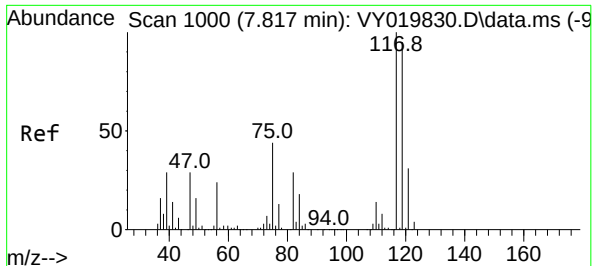
Tgt Ion:114 Resp: 32857
Ion Ratio Lower Upper
114 100
63 21.3 0.0 35.0
88 14.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.908 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

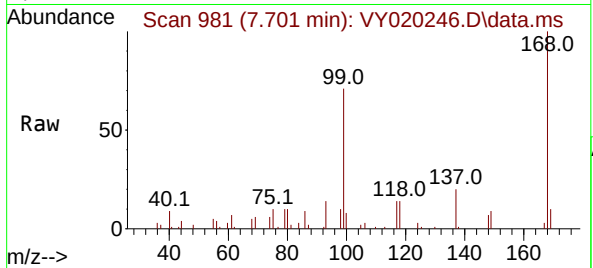
Tgt Ion:113 Resp: 10217
Ion Ratio Lower Upper
113 100
111 98.1 82.2 123.4
192 18.7 15.9 23.9



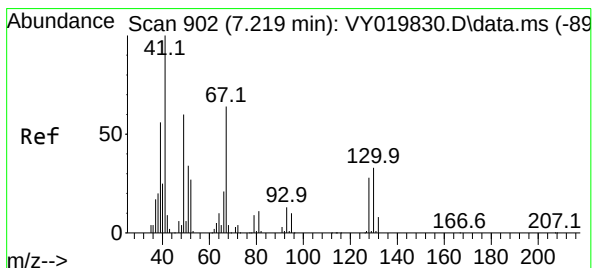
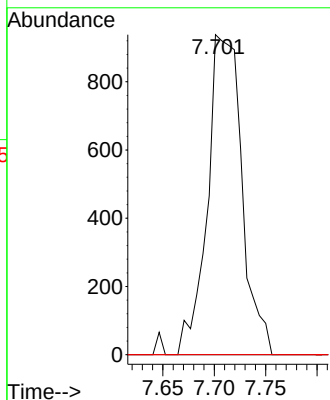
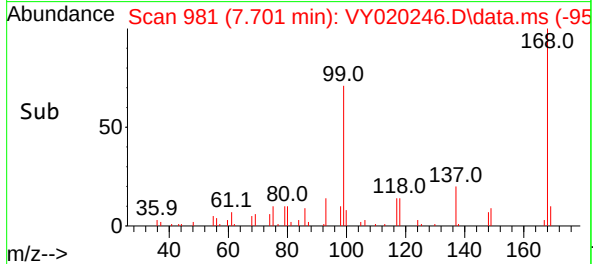


#38
Carbon Tetrachloride
Concen: 6.739 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

Instrument :
MSVOA_Y
ClientSampleId :

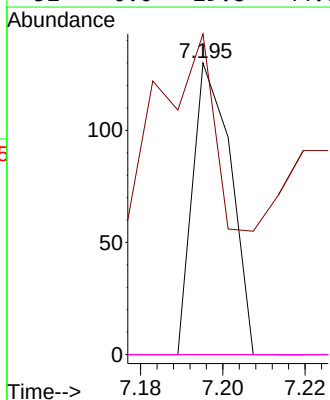
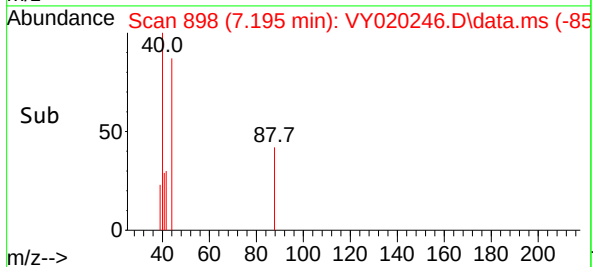
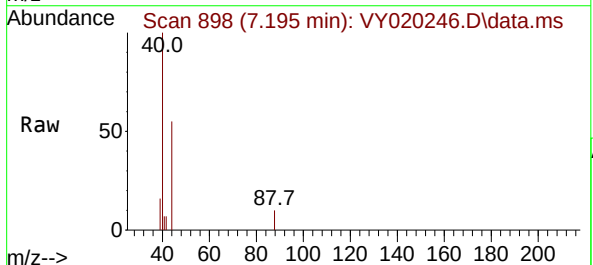


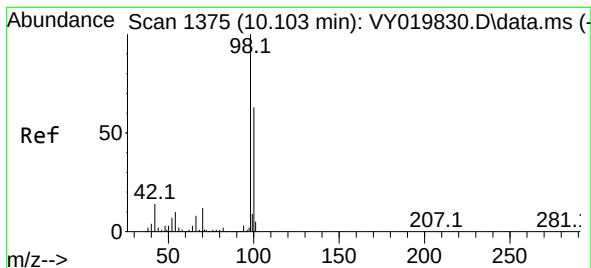
Tgt Ion: 117 Resp: 2187
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 1.077 ug/l
RT: 7.195 min Scan# 898
Delta R.T. -0.024 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

Tgt Ion: 41 Resp: 83
Ion Ratio Lower Upper
41 100
39 267.5 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#

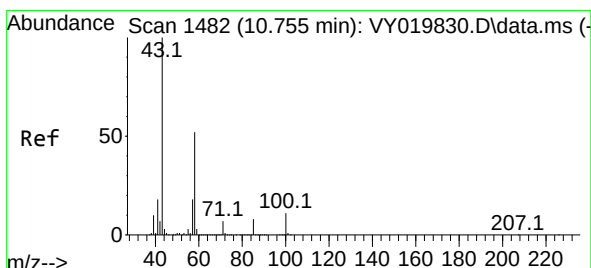
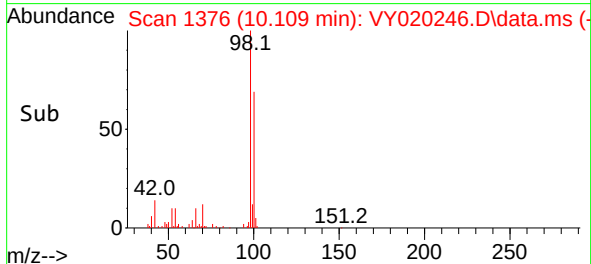
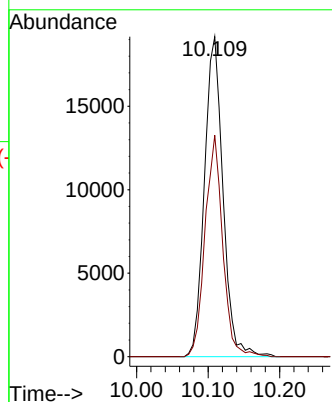
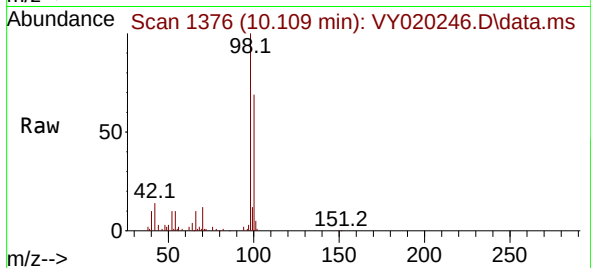




#50
Toluene-d8
Concen: 41.534 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

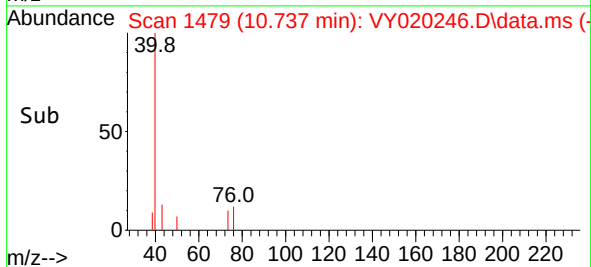
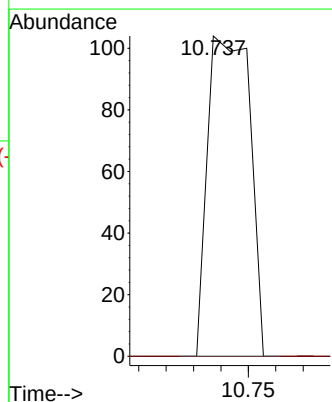
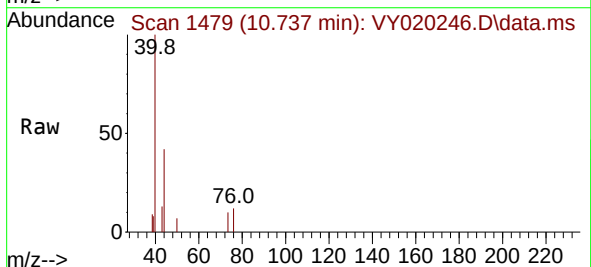
Instrument :
MSVOA_Y
ClientSampleId :

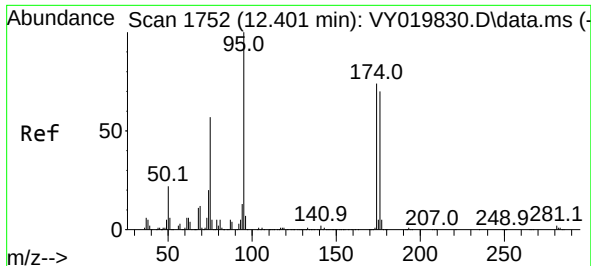
Tgt Ion: 98 Resp: 34537
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#59
2-Hexanone
Concen: 1.016 ug/l
RT: 10.737 min Scan# 1479
Delta R.T. -0.024 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

Tgt Ion: 43 Resp: 111
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#

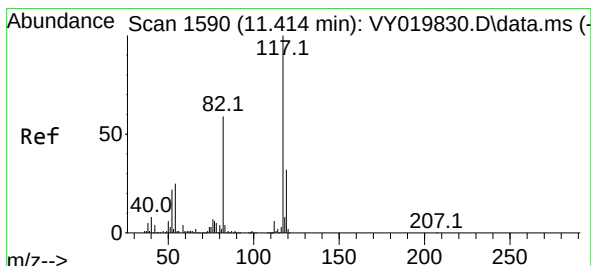
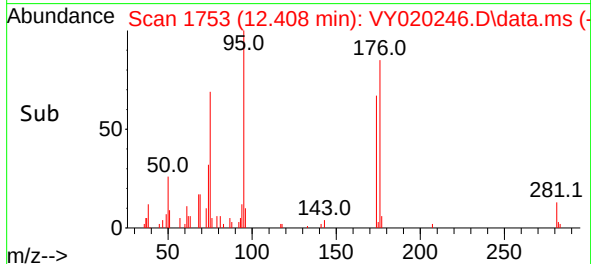
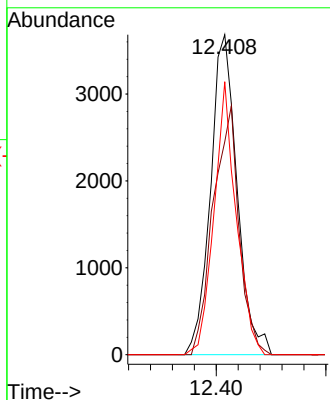
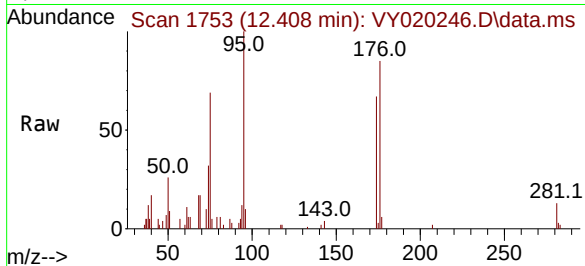




#62
4-Bromofluorobenzene
Concen: 22.974 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

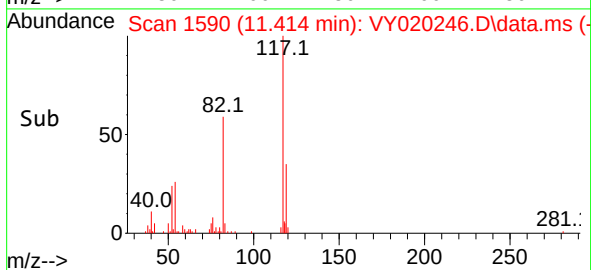
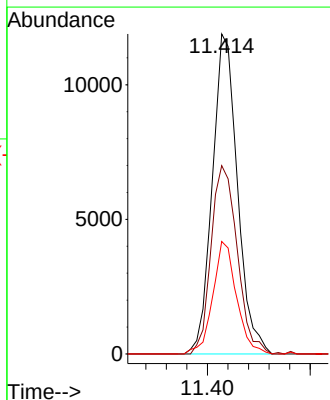
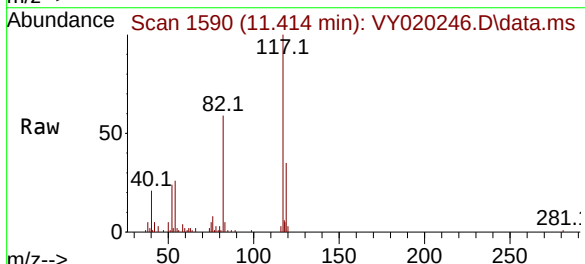
Instrument :
MSVOA_Y
ClientSampleId :

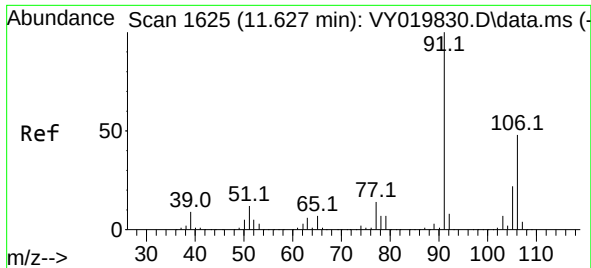
Tgt Ion: 95	Resp: 6205
Ion Ratio	Lower Upper
95 100	
174 75.7	0.0 175.6
176 71.4	0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

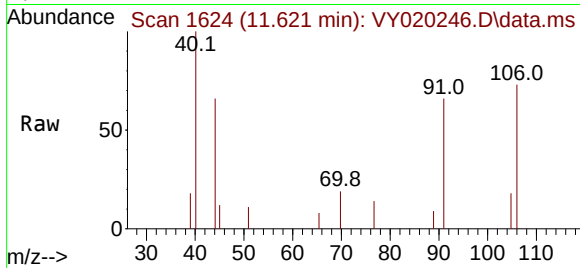
Tgt Ion: 117	Resp: 20158
Ion Ratio	Lower Upper
117 100	
82 58.8	42.4 63.6
119 35.2	25.9 38.9



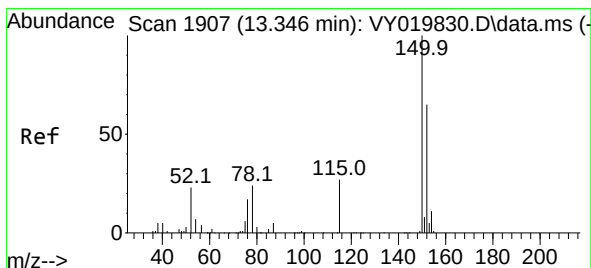
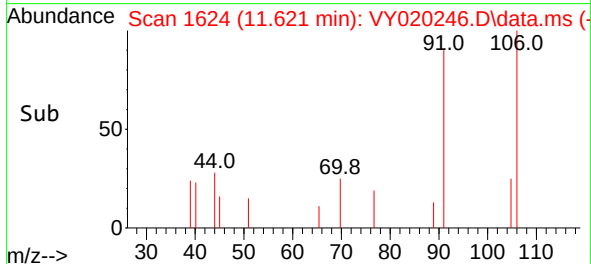
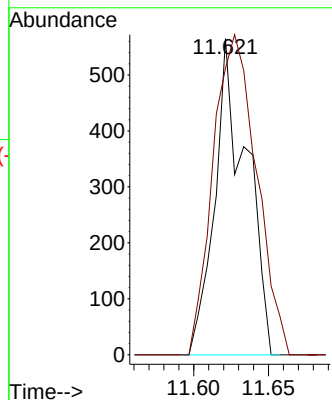


#68
m/p-Xylenes
Concen: 2.836 ug/l
RT: 11.621 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

Instrument :
MSVOA_Y
ClientSampleId :

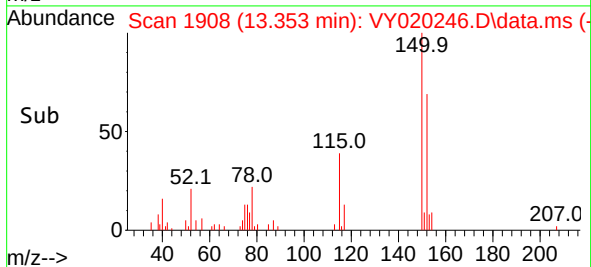
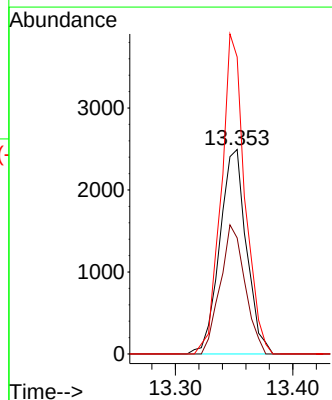
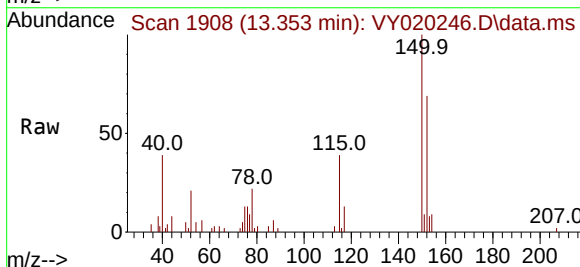


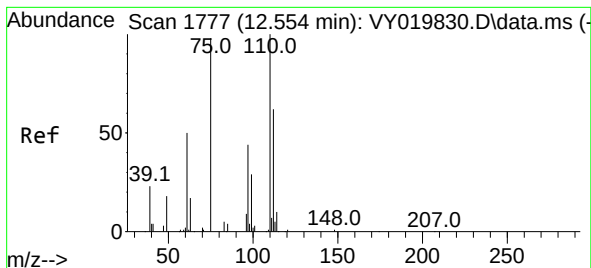
Tgt Ion:106 Resp: 833
Ion Ratio Lower Upper
106 100
91 138.8 156.0 234.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

Tgt Ion:152 Resp: 3939
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 138.6 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 110.172 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020246.D

Acq: 11 Nov 2024 14:25

Instrument :

MSVOA_Y

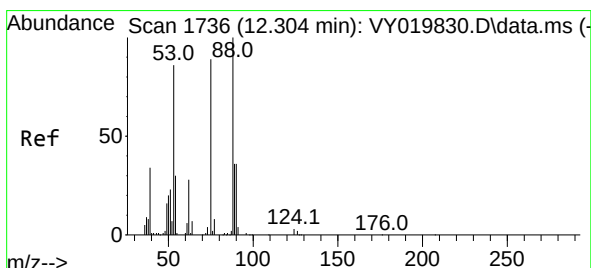
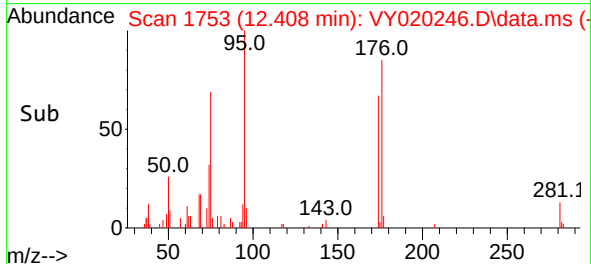
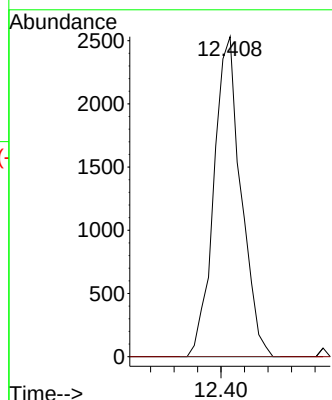
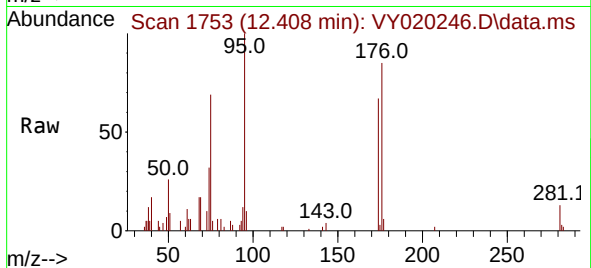
ClientSampleId :

Tgt Ion: 75 Resp: 4068

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 236.977 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY020246.D

Acq: 11 Nov 2024 14:25

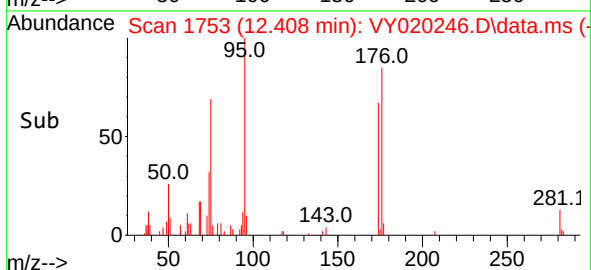
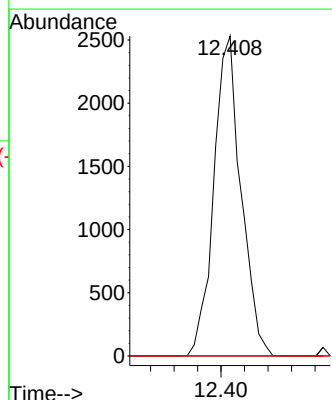
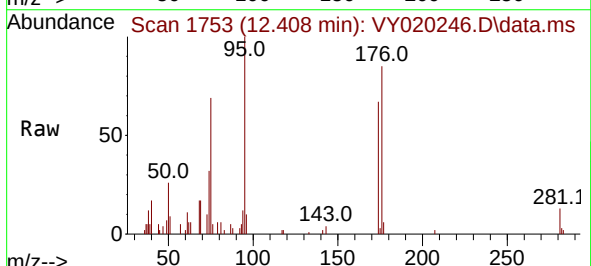
Tgt Ion: 75 Resp: 4068

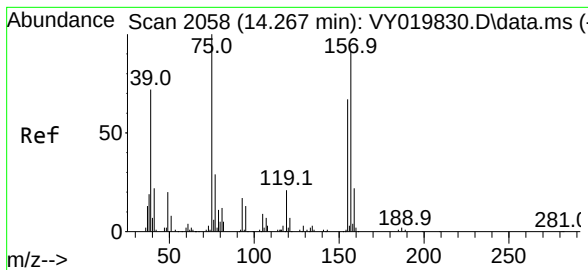
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

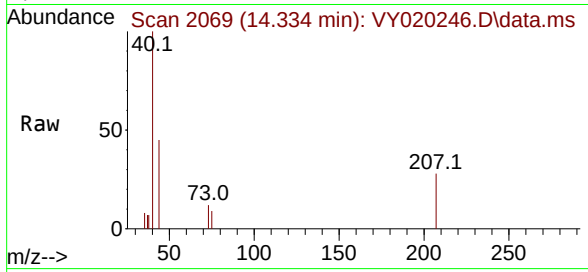
89 0.0 35.8 53.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 3.475 ug/l
RT: 14.334 min Scan# 20
Delta R.T. 0.061 min
Lab File: VY020246.D
Acq: 11 Nov 2024 14:25

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 29
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#

