

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020267.D
 Acq On : 12 Nov 2024 15:01
 Operator : SY/MD
 Sample : P4812-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 13 00:36:09 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)

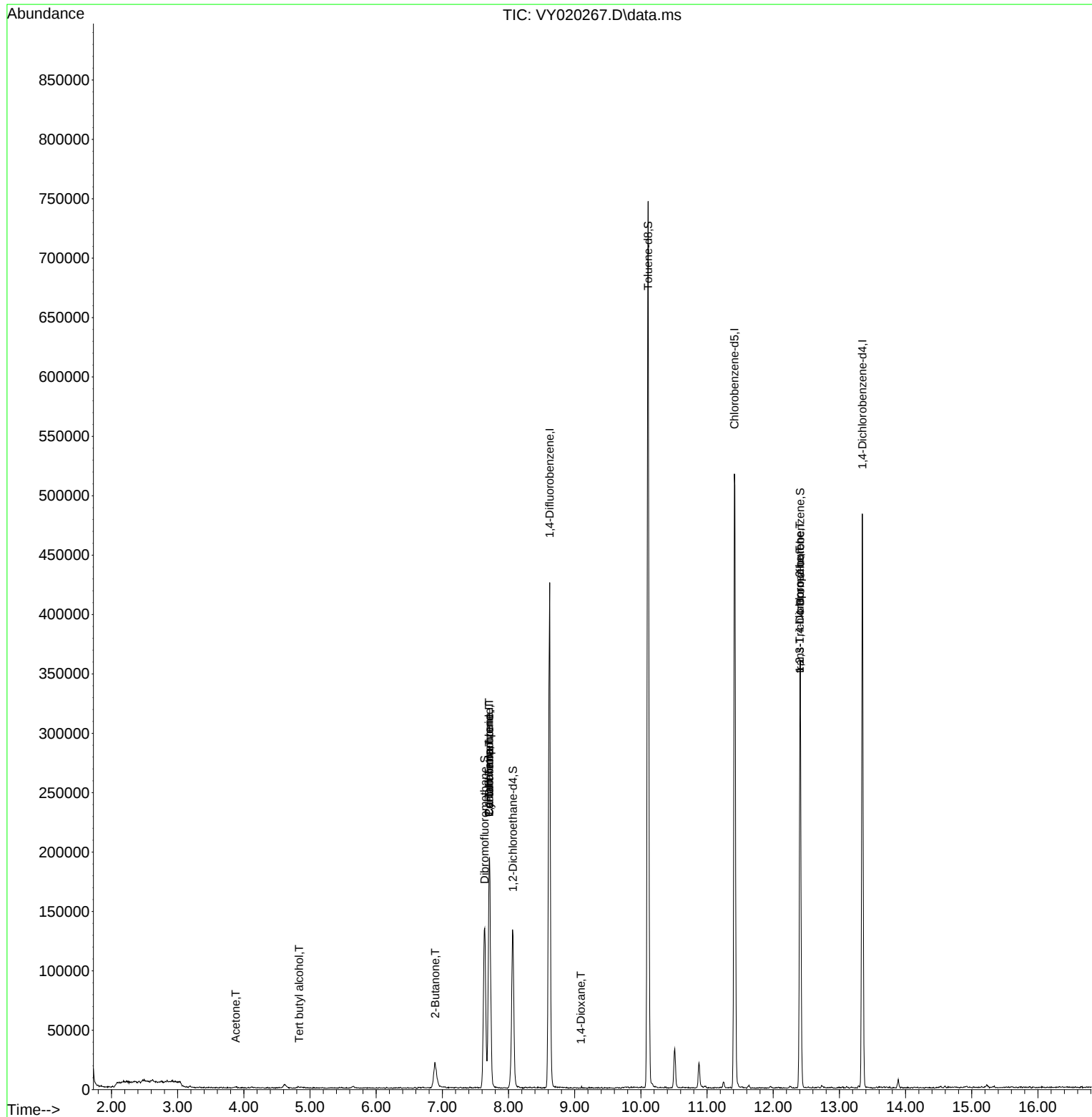
Internal Standards						
1) Pentafluorobenzene	7.707	168	141207	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	324365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	257391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	101671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	97820	55.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.020%
35) Dibromofluoromethane	7.640	113	96899	46.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.109	98	461165	56.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.360%
62) 4-Bromofluorobenzene	12.408	95	102353	38.387	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	76.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	248	1.956	ug/l	# 85
16) Acetone	3.879	43	1533	3.740	ug/l	# 50
25) 2-Butanone	6.890	43	1672	3.010	ug/l	# 62
31) Cyclohexane	7.707	56	4389	1.372	ug/l	# 66
36) 1,1-Dichloropropene	7.707	75	14125	4.434	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	16720	5.219	ug/l	# 15
49) 1,4-Dioxane	9.091	88	27	2.176	ug/l	# 20
76) 1,2,3-Trichloropropane	12.402	75	58309	61.181	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	58309	131.598	ug/l	# 16

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

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Quant Time: Nov 13 00:36:09 2024
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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

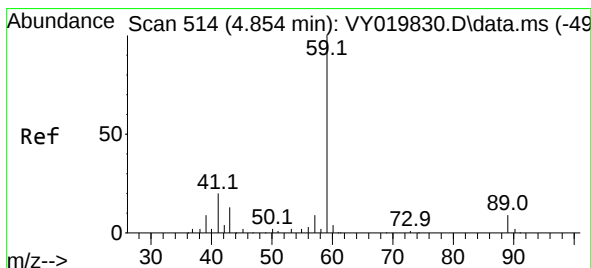
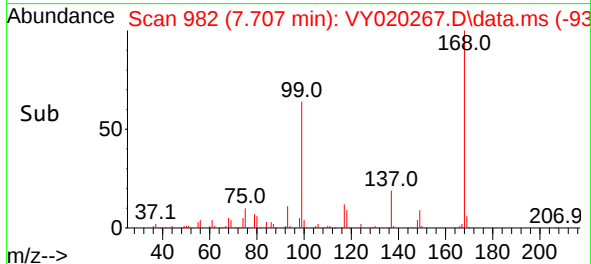
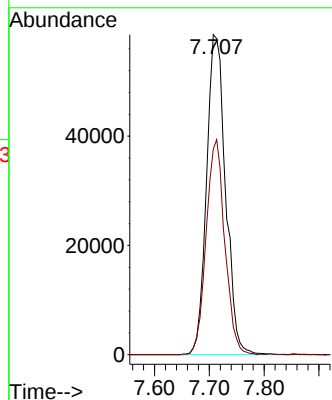
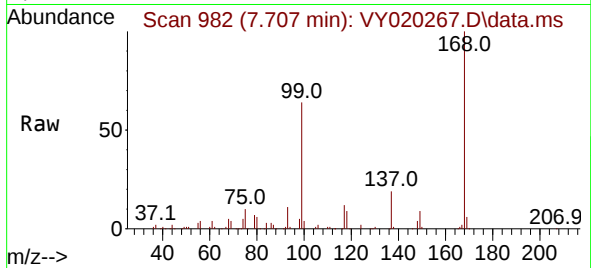




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

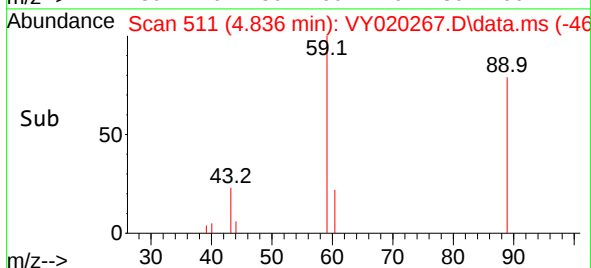
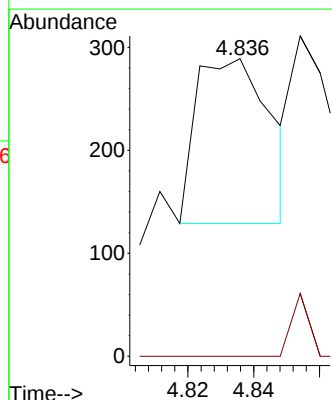
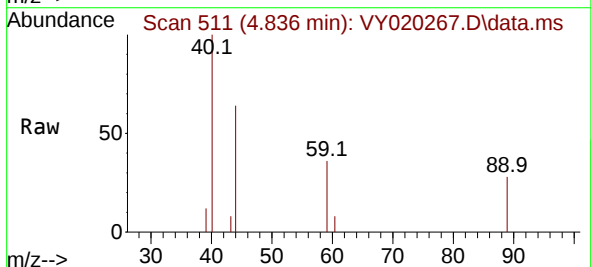
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 141207
Ion Ratio Lower Upper
168 100
99 64.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.956 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

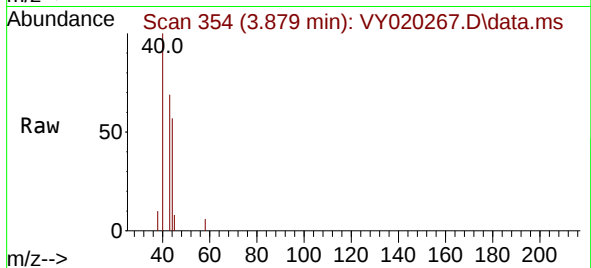
Tgt Ion: 59 Resp: 248
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.6#



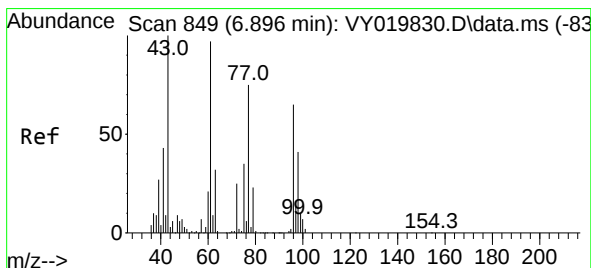
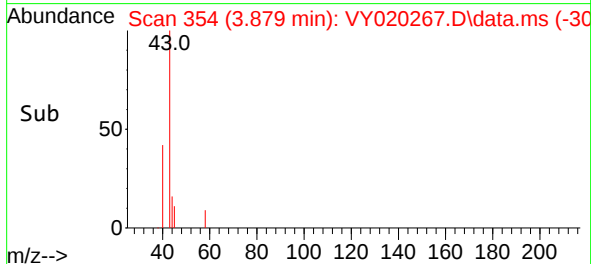
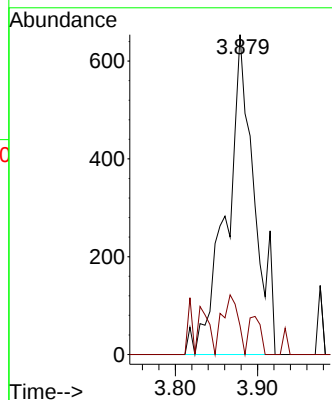


#16
Acetone
Concen: 3.740 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

Instrument :
MSVOA_Y
ClientSampleId :

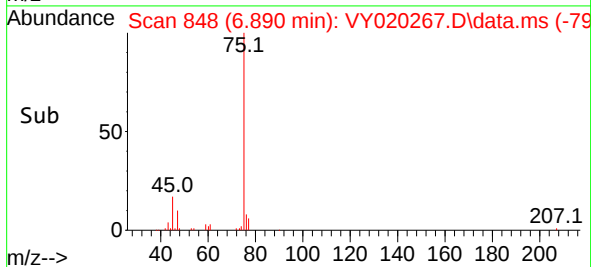
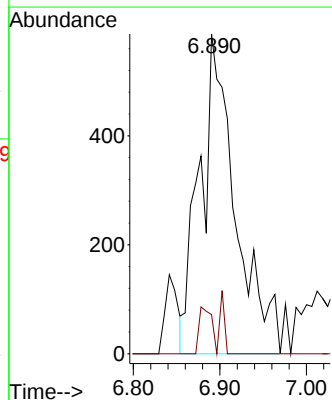
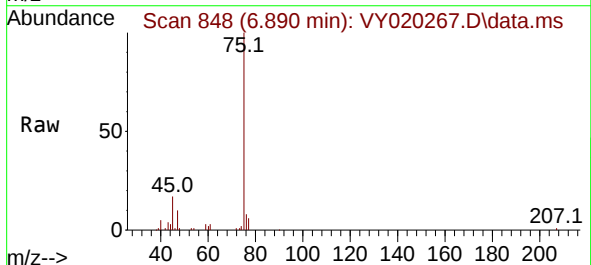


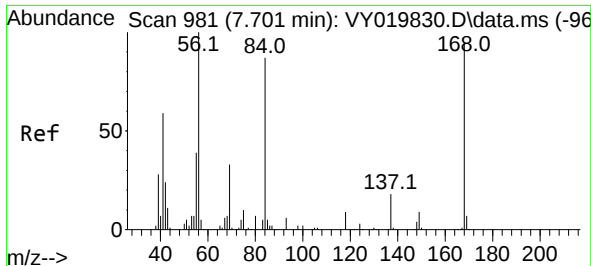
Tgt Ion: 43 Resp: 1533
Ion Ratio Lower Upper
43 100
58 9.0 31.7 47.5#



#25
2-Butanone
Concen: 3.010 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

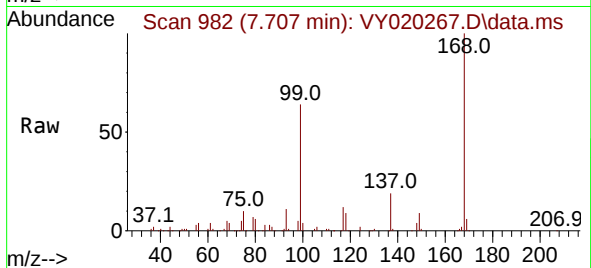
Tgt Ion: 43 Resp: 1672
Ion Ratio Lower Upper
43 100
72 12.3 27.3 40.9#



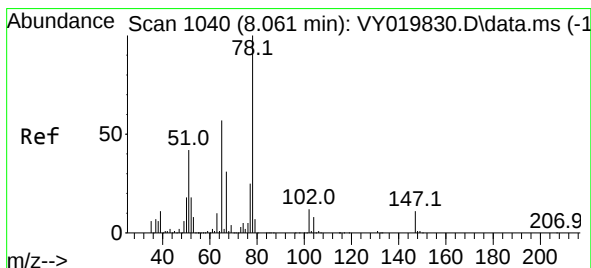
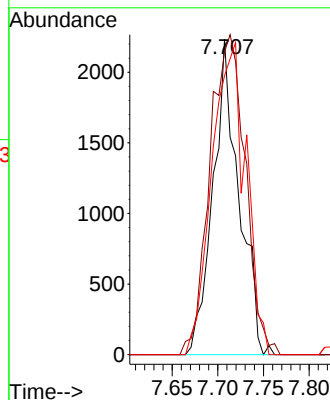
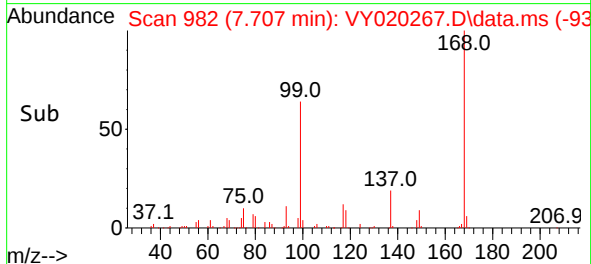


#31
Cyclohexane
Concen: 1.372 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

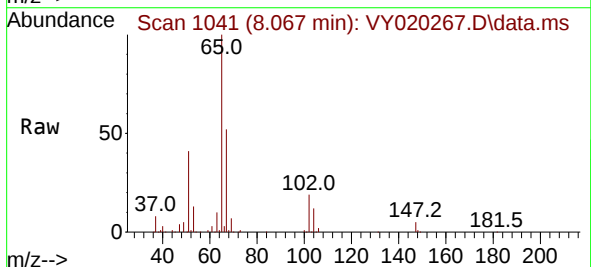
Instrument :
MSVOA_Y
ClientSampleId :



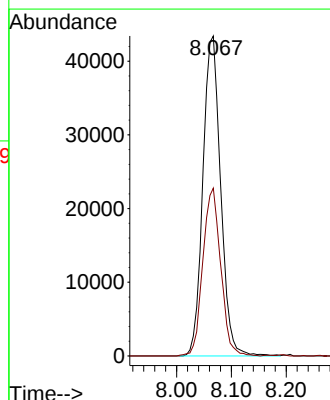
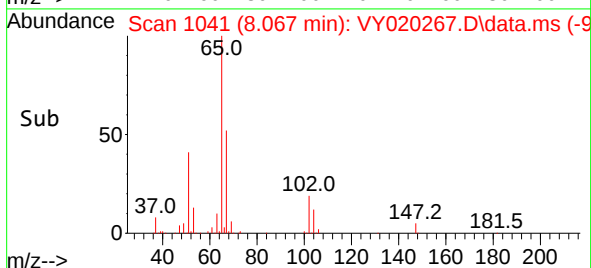
Tgt Ion: 56 Resp: 4389
Ion Ratio Lower Upper
56 100
69 96.0 28.7 43.1#
84 88.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.505 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01



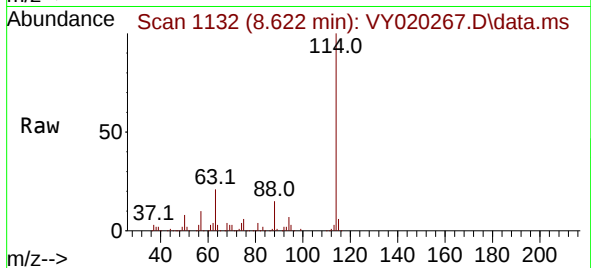
Tgt Ion: 65 Resp: 97820
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6



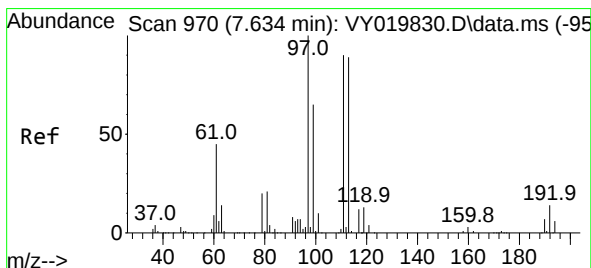
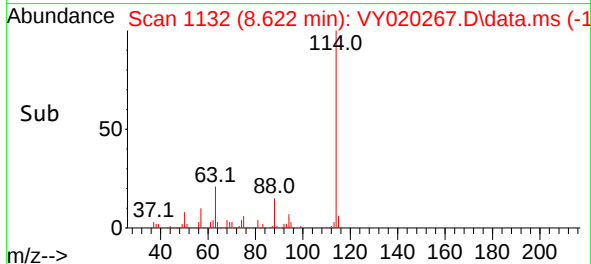
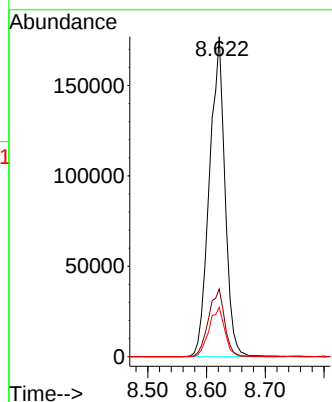


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

Instrument :
MSVOA_Y
ClientSampleId :

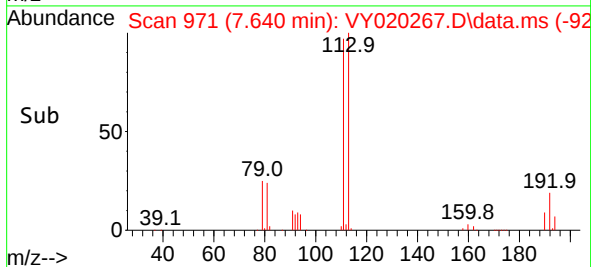
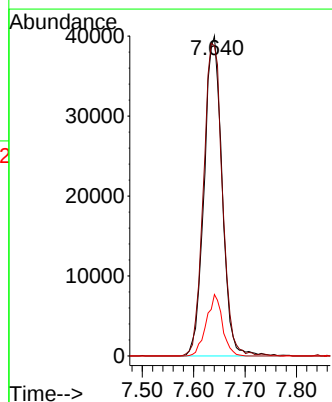
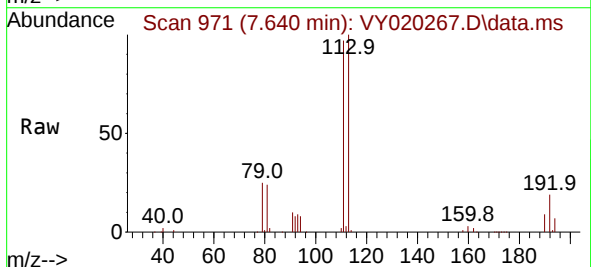


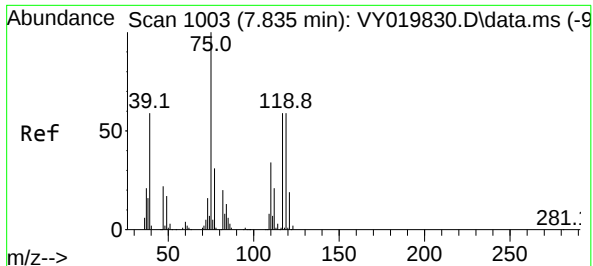
Tgt Ion:114 Resp: 324365
Ion Ratio Lower Upper
114 100
63 21.2 0.0 35.0
88 15.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.986 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

Tgt Ion:113 Resp: 96899
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 17.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.434 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

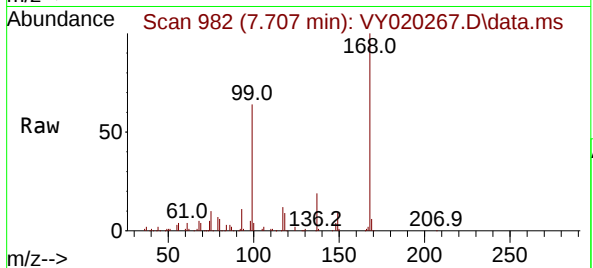
Lab File: VY020267.D

Acq: 12 Nov 2024 15:01

Instrument :

MSVOA_Y

ClientSampleId :



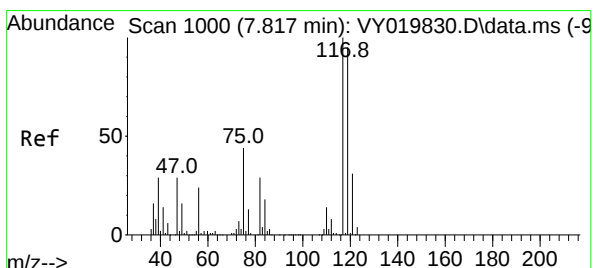
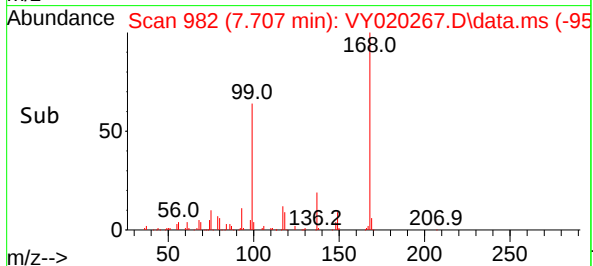
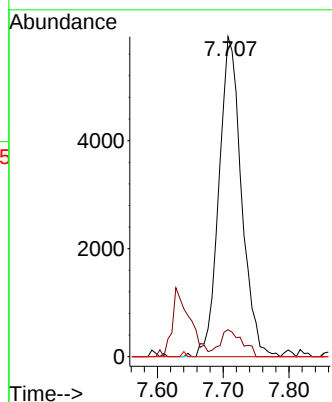
Tgt Ion: 75 Resp: 14125

Ion Ratio Lower Upper

75 100

110 8.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.219 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020267.D

Acq: 12 Nov 2024 15:01

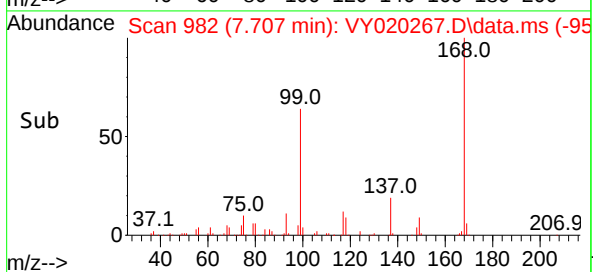
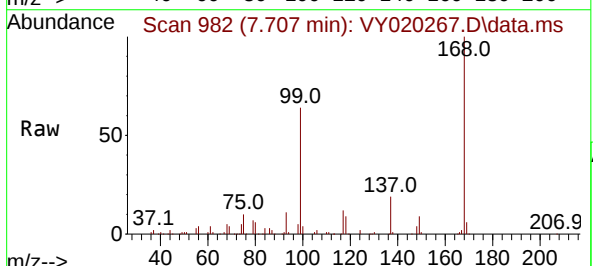
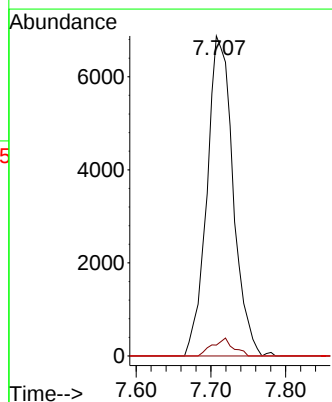
Tgt Ion: 117 Resp: 16720

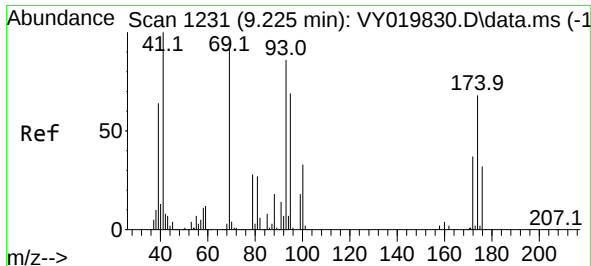
Ion Ratio Lower Upper

117 100

119 3.4 75.8 113.6#

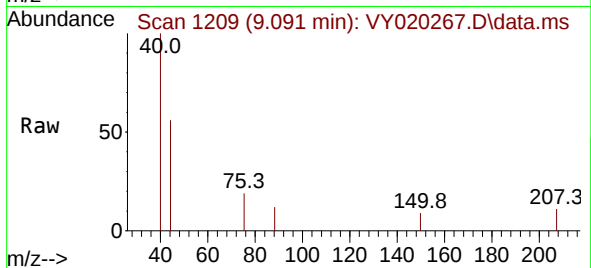
121 0.0 24.0 36.0#



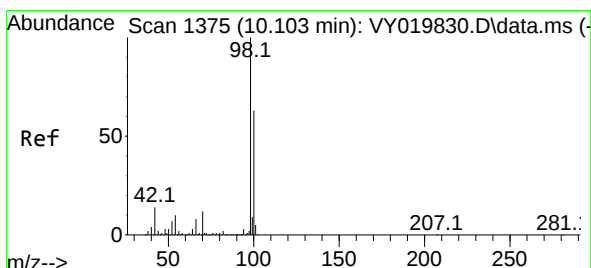
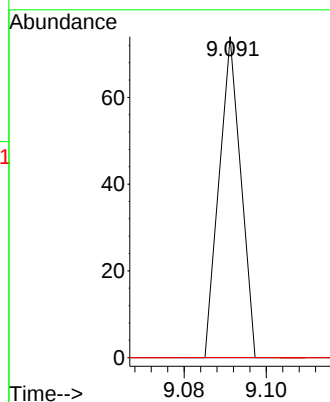
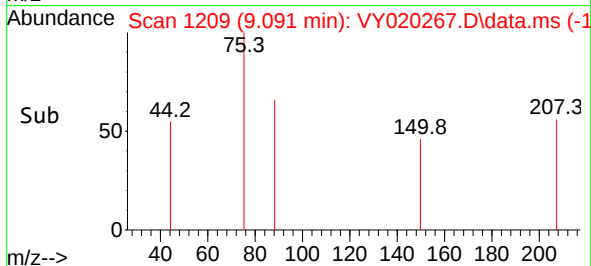


#49
1,4-Dioxane
Concen: 2.176 ug/l
RT: 9.091 min Scan# 11
Delta R.T. -0.140 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

Instrument :
MSVOA_Y
ClientSampleId :

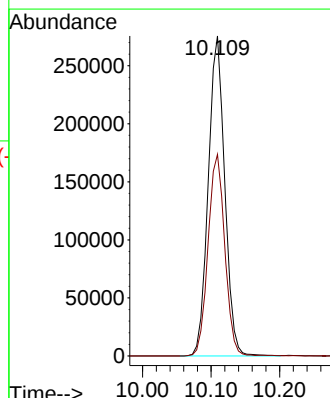
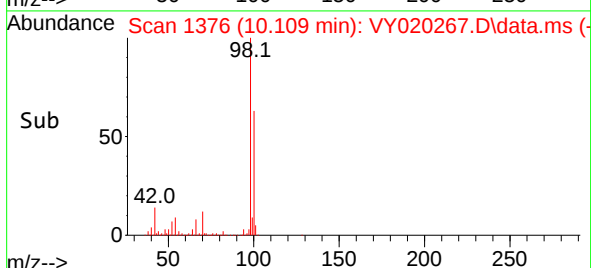
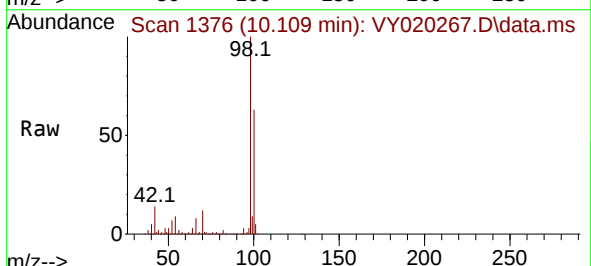


Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 56.178 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

Tgt Ion: 98 Resp: 461165
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

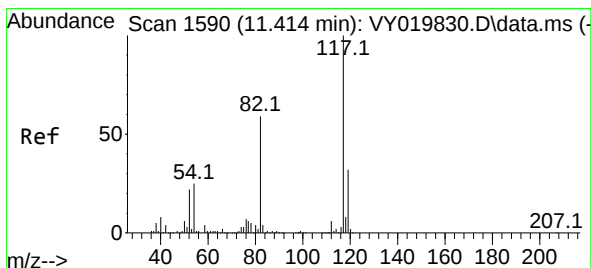
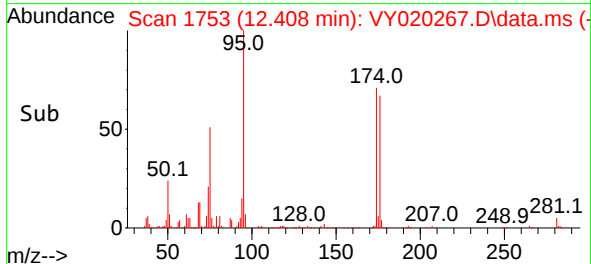
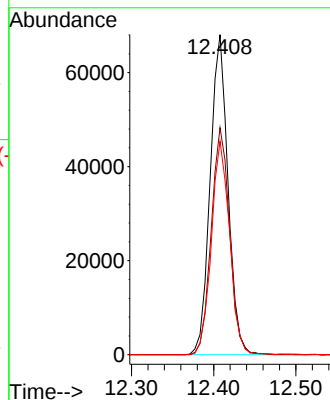
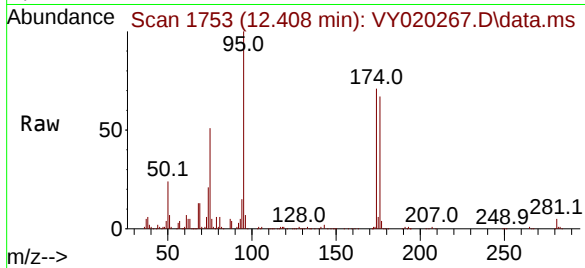




#62
4-Bromofluorobenzene
Concen: 38.387 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

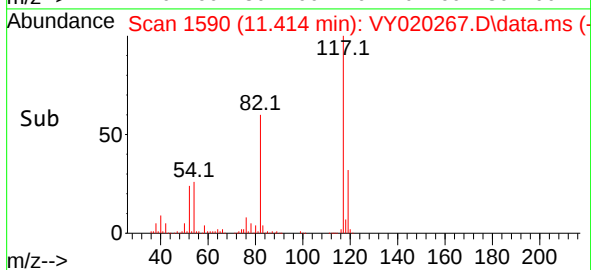
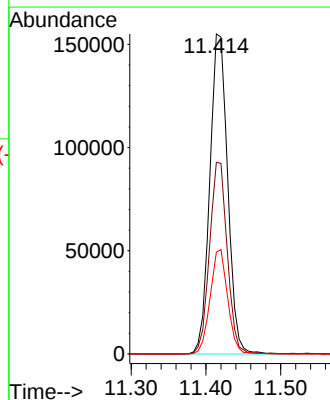
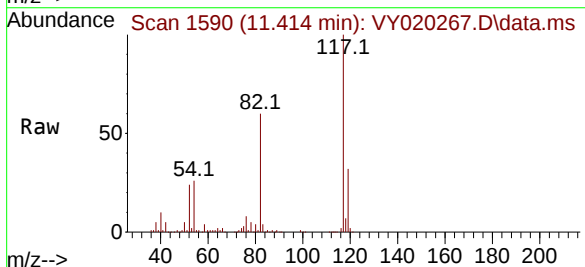
Instrument :
MSVOA_Y
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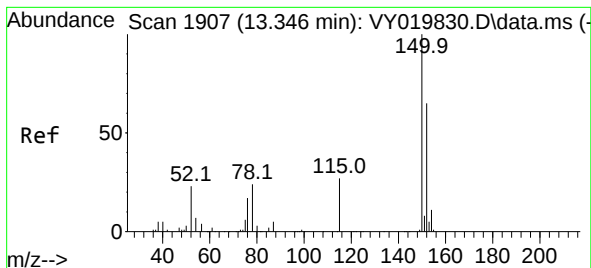
Tgt Ion: 95 Resp: 102353
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 68.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

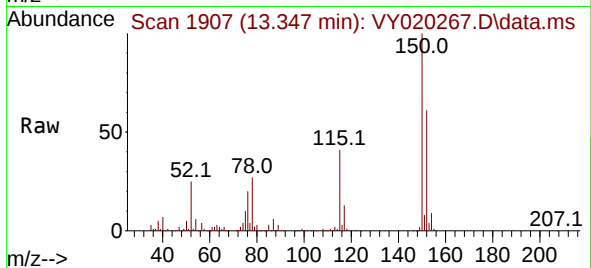
Tgt Ion: 117 Resp: 257391
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.8 25.9 38.9



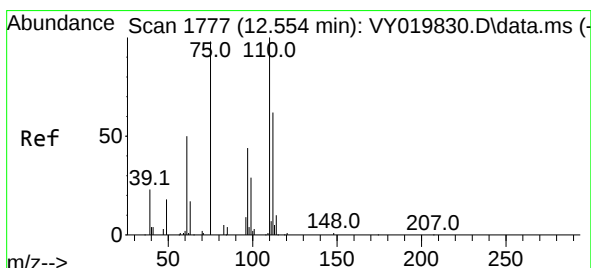
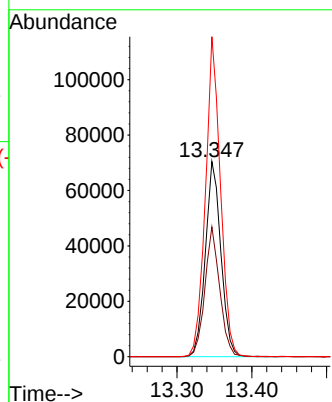
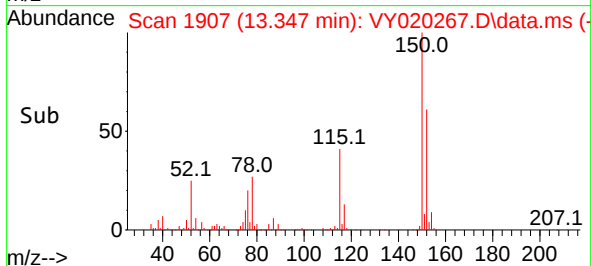


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020267.D
 Acq: 12 Nov 2024 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :

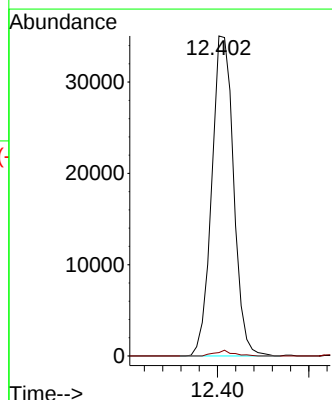
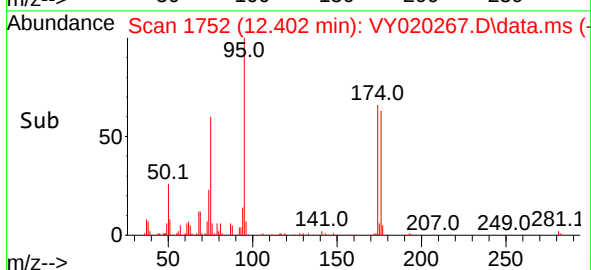
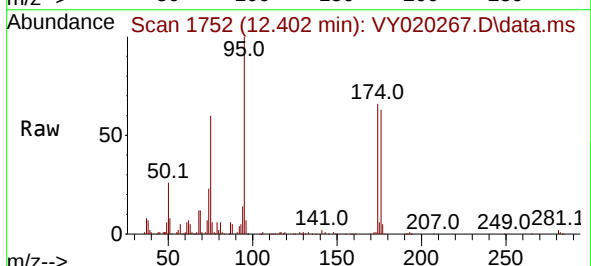


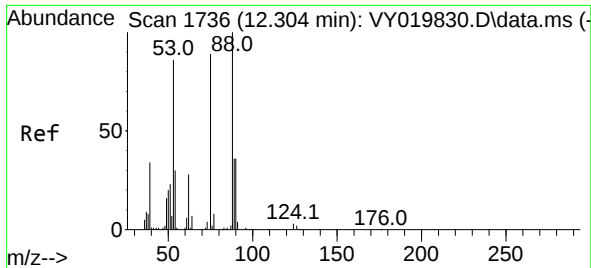
Tgt Ion:152 Resp: 101671
 Ion Ratio Lower Upper
 152 100
 115 63.5 28.2 84.7
 150 157.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 61.181 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020267.D
 Acq: 12 Nov 2024 15:01

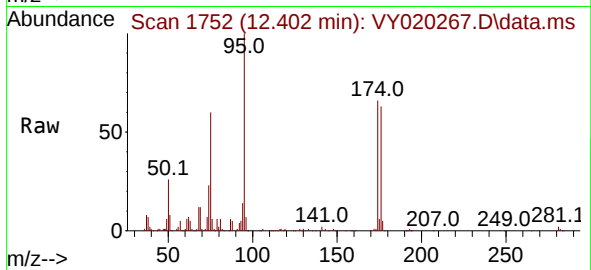
Tgt Ion: 75 Resp: 58309
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.598 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020267.D
 Acq: 12 Nov 2024 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

