

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020065.D
 Acq On : 29 Oct 2024 16:46
 Operator : SY/MD
 Sample : P4595-05
 Misc : 5.64g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:27:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

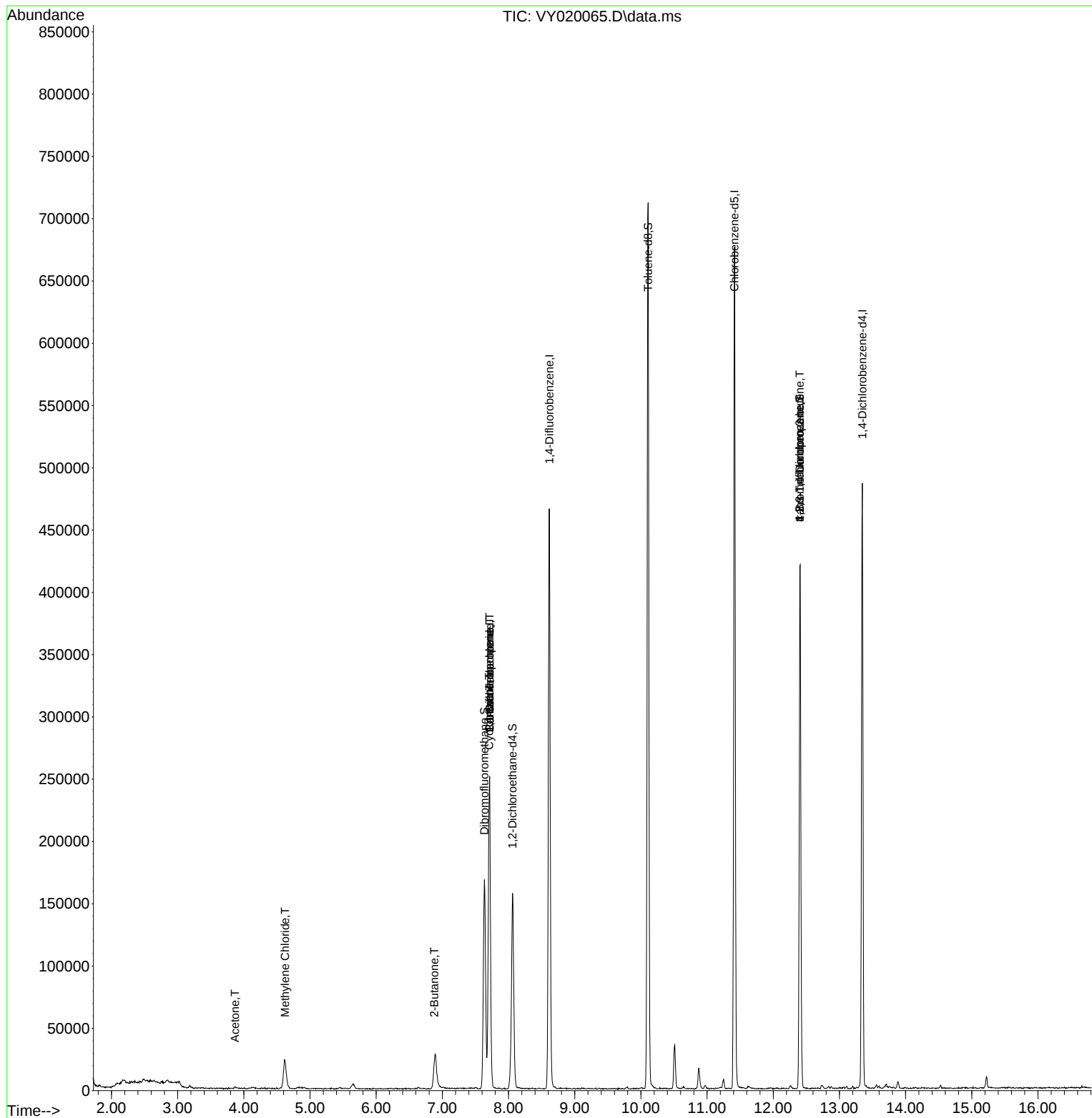
Internal Standards						
1) Pentafluorobenzene	7.713	168	173611	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	361686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	321061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	107370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	111384	52.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.220%	
35) Dibromofluoromethane	7.634	113	117989	49.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.880%	
50) Toluene-d8	10.109	98	451824	51.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.401	95	126304	39.659	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 79.320%	
Target Compounds						
11) Tert butyl alcohol	4.848	59	748	Below Cal	#	88
16) Acetone	3.866	43	1772	3.184	ug/l #	71
20) Methylene Chloride	4.622	84	14244	6.222	ug/l #	76
25) 2-Butanone	6.878	43	874	1.173	ug/l #	41
31) Cyclohexane	7.707	56	5571	1.560	ug/l #	21
36) 1,1-Dichloropropene	7.713	75	17834	5.187	ug/l #	50
38) Carbon Tetrachloride	7.713	117	18902	5.128	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	73695	35.037	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	73695	141.421	ug/l #	16

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

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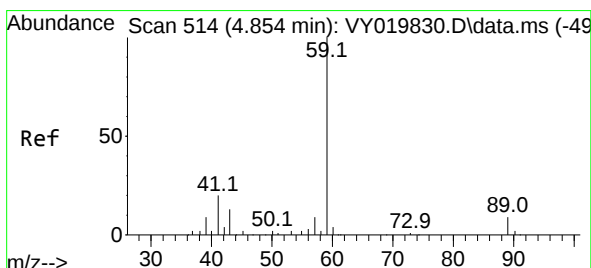
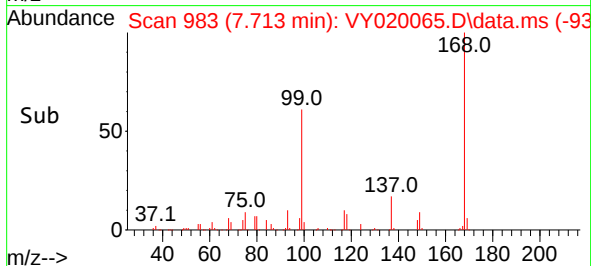
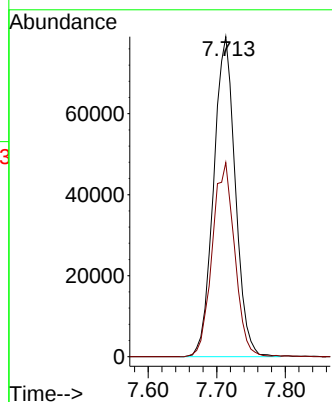
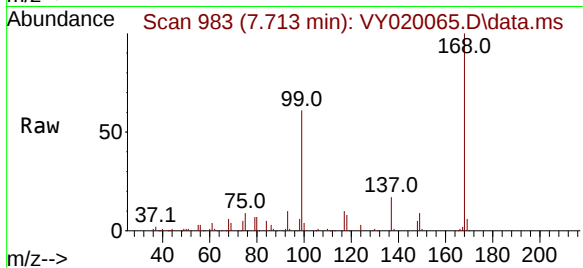




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020065.D
Acq: 29 Oct 2024 16:46

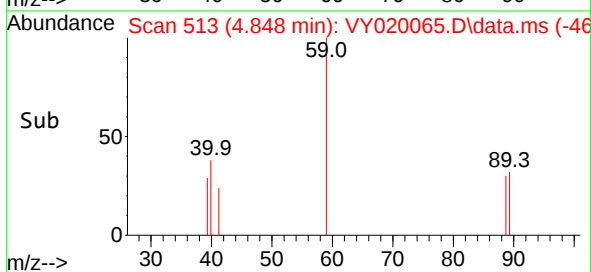
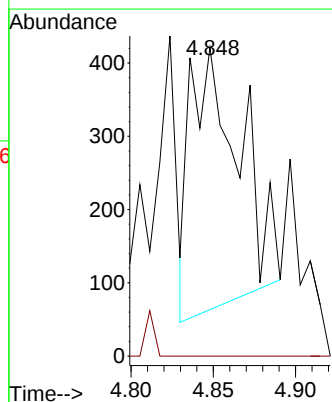
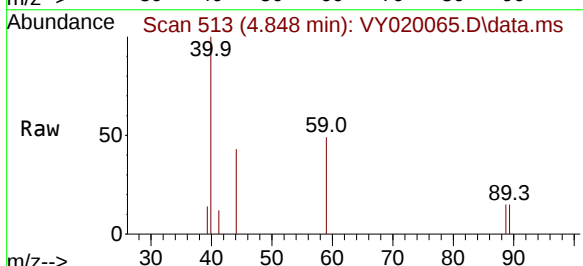
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 173611
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020065.D
Acq: 29 Oct 2024 16:46

Tgt Ion: 59 Resp: 748
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 3.184 ug/l

RT: 3.866 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY020065.D

Acq: 29 Oct 2024 16:46

Instrument :

MSVOA_Y

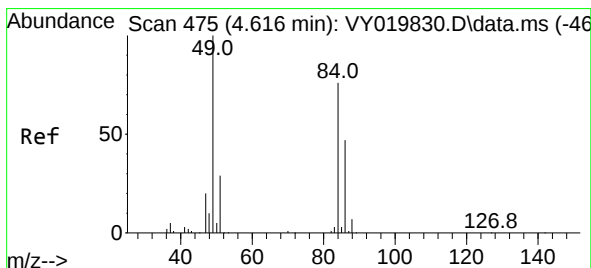
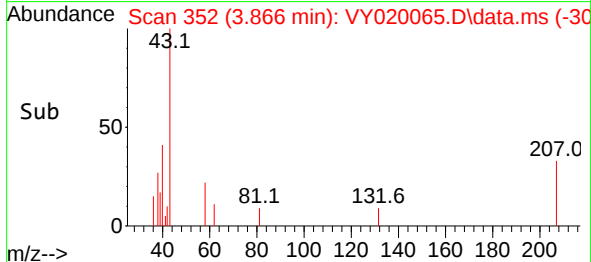
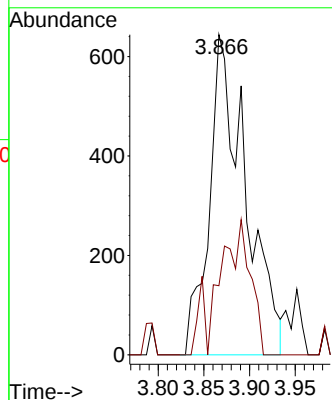
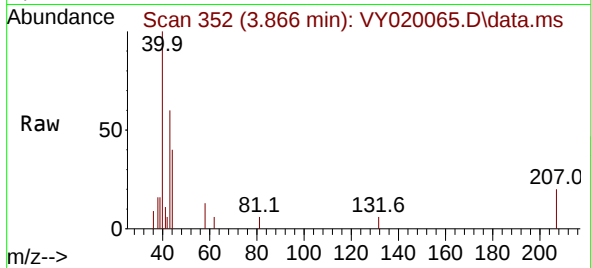
ClientSampleId :

Tgt Ion: 43 Resp: 1772

Ion Ratio Lower Upper

43 100

58 21.6 31.7 47.5#



#20

Methylene Chloride

Concen: 6.222 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020065.D

Acq: 29 Oct 2024 16:46

Tgt Ion: 84 Resp: 14244

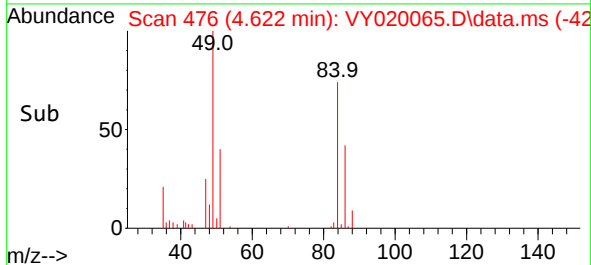
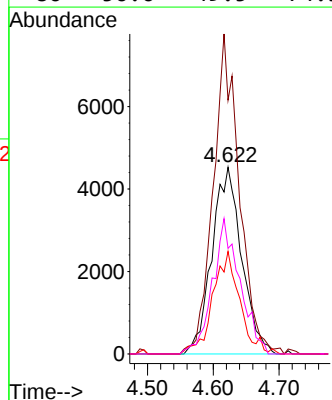
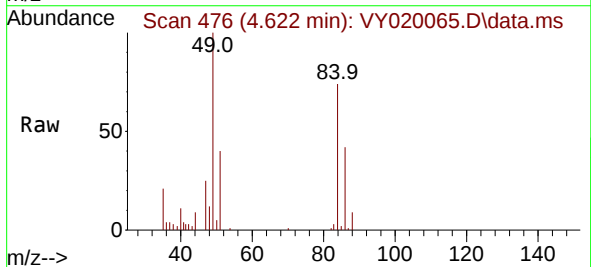
Ion Ratio Lower Upper

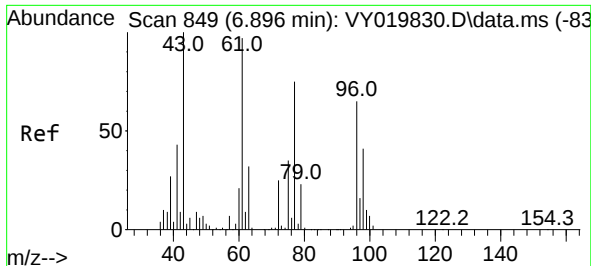
84 100

49 135.9 84.4 126.6#

51 54.9 26.0 39.0#

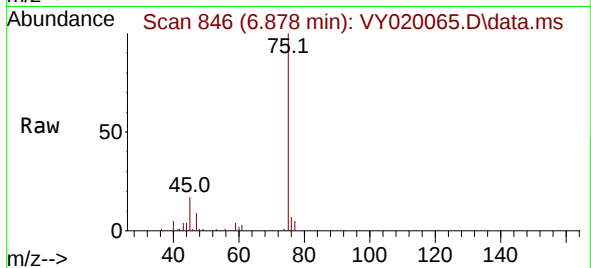
86 56.6 49.5 74.3



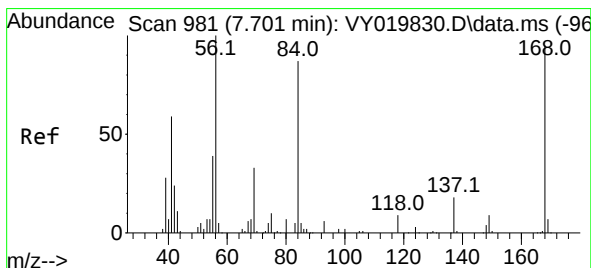
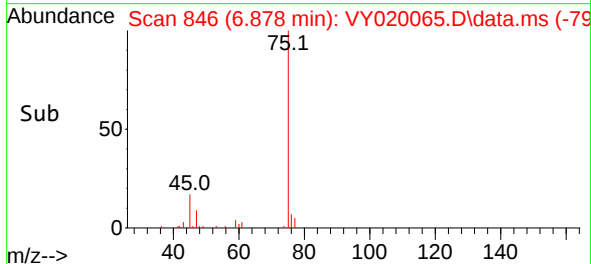
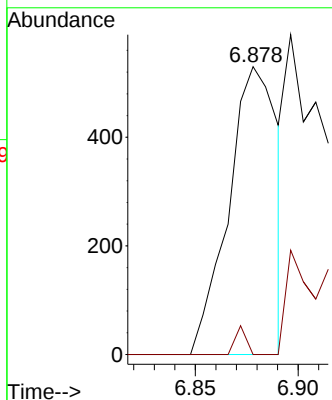


#25
2-Butanone
Concen: 1.173 ug/l
RT: 6.878 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY020065.D
Acq: 29 Oct 2024 16:46

Instrument :
MSVOA_Y
ClientSampleId :

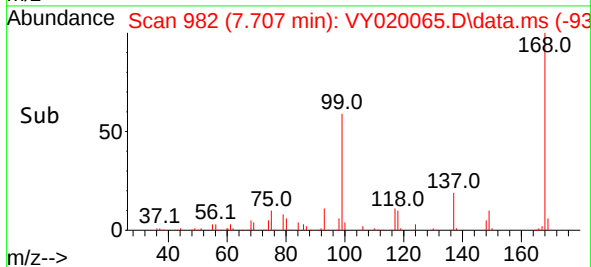
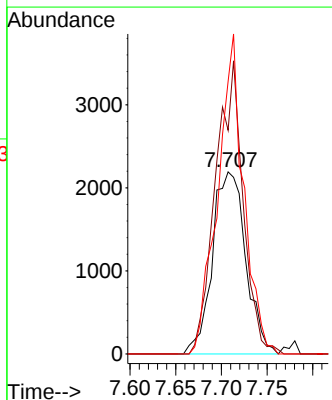
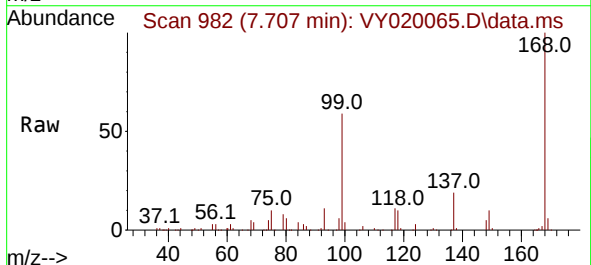


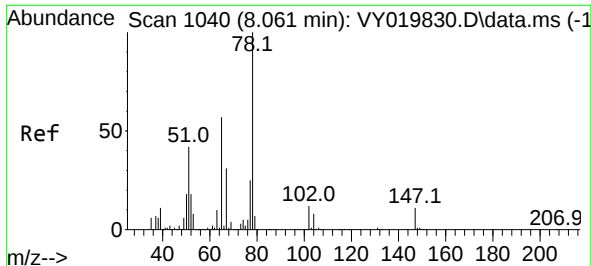
Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.560 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020065.D
Acq: 29 Oct 2024 16:46

Tgt Ion: 56 Resp: 5571
Ion Ratio Lower Upper
56 100
69 122.8 28.7 43.1#
84 149.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 52.105 ug/l

RT: 8.061 min Scan# 111384

Delta R.T. 0.000 min

Lab File: VY020065.D

Acq: 29 Oct 2024 16:46

Instrument :

MSVOA_Y

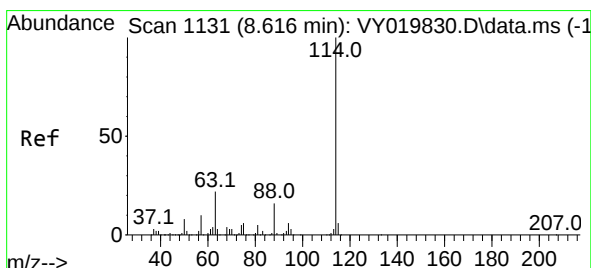
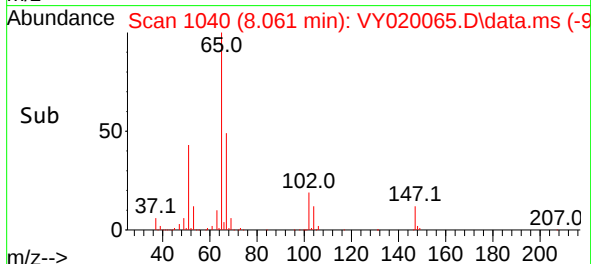
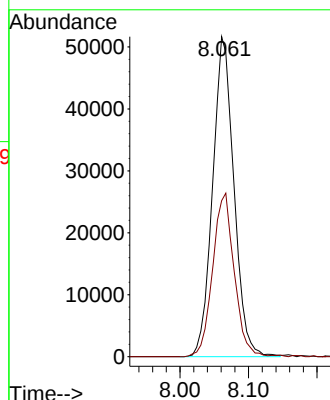
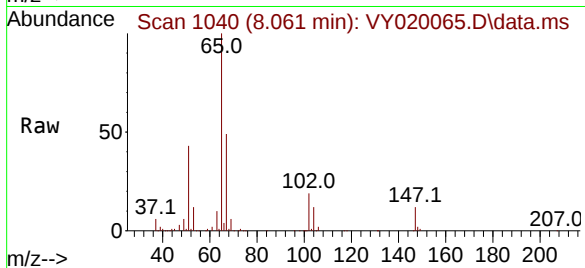
ClientSampleId :

Tgt Ion: 65 Resp: 111384

Ion Ratio Lower Upper

65 100

67 51.5 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: VY020065.D

Acq: 29 Oct 2024 16:46

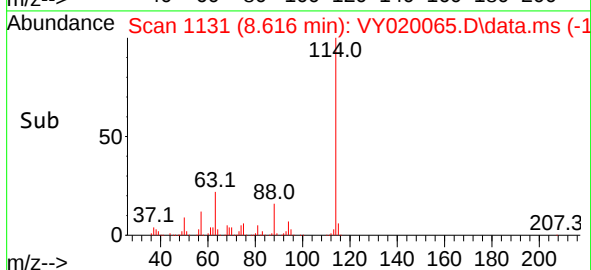
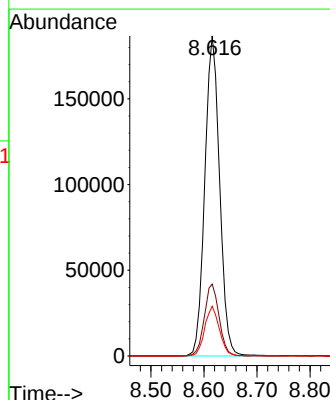
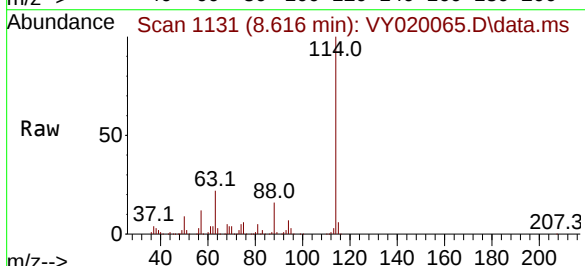
Tgt Ion: 114 Resp: 361686

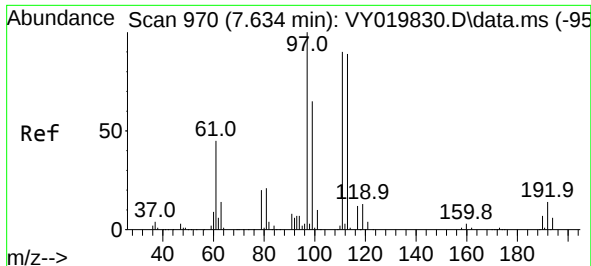
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

88 15.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.435 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020065.D

Acq: 29 Oct 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

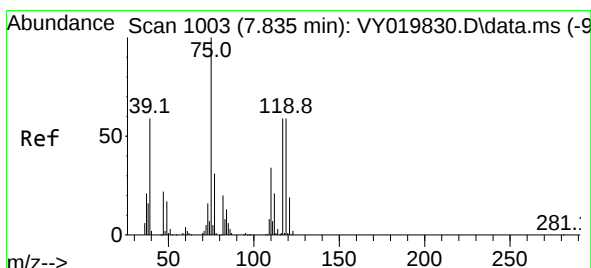
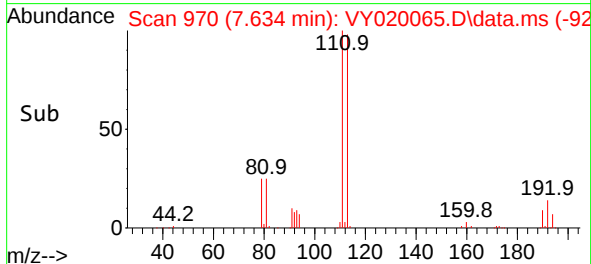
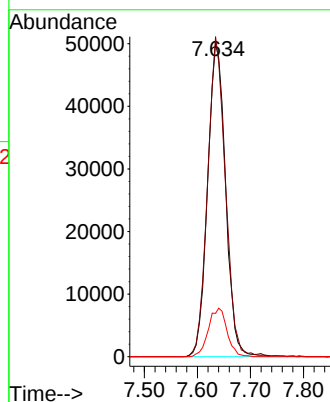
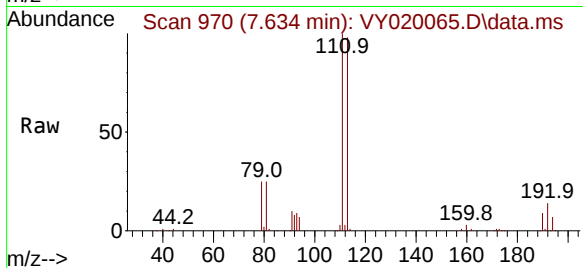
Tgt Ion:113 Resp: 117989

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 16.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.187 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY020065.D

Acq: 29 Oct 2024 16:46

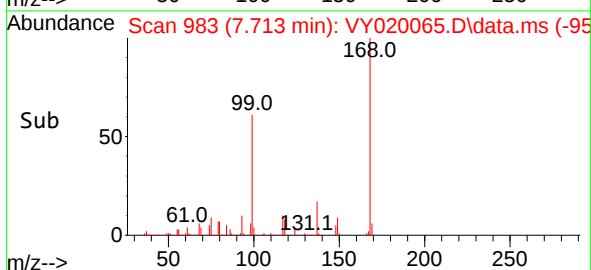
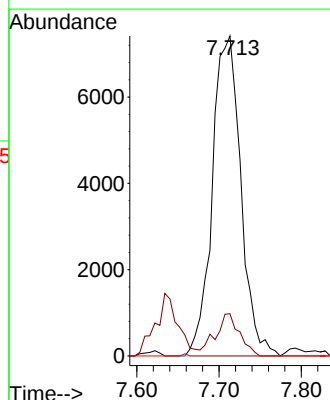
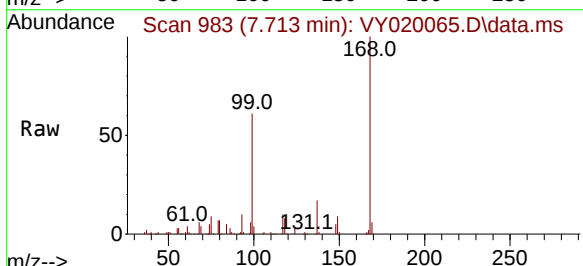
Tgt Ion: 75 Resp: 17834

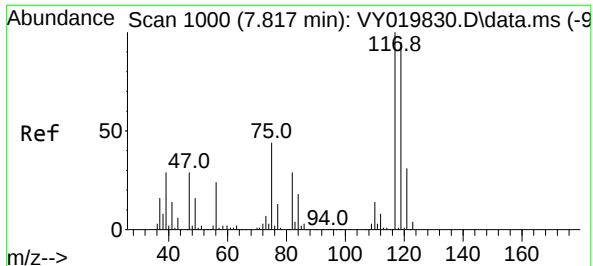
Ion Ratio Lower Upper

75 100

110 11.1 19.0 57.0#

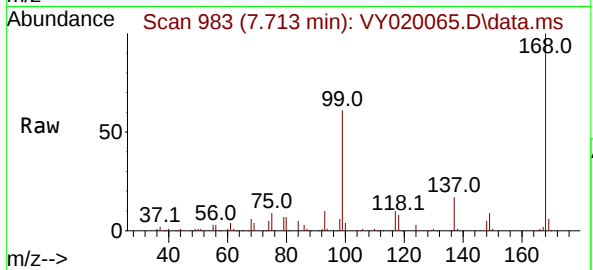
77 0.0 25.3 37.9#



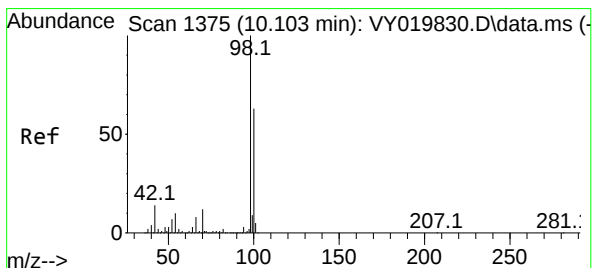
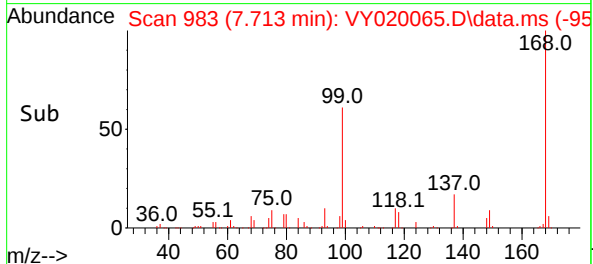
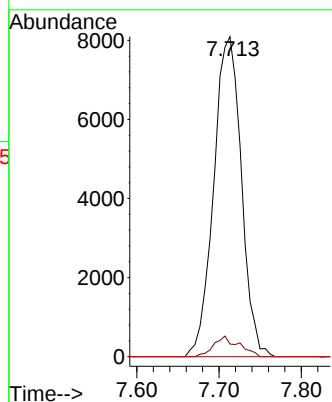


#38
Carbon Tetrachloride
Concen: 5.128 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020065.D
Acq: 29 Oct 2024 16:46

Instrument :
MSVOA_Y
ClientSampleId :

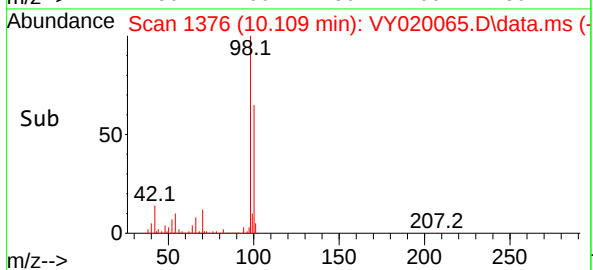
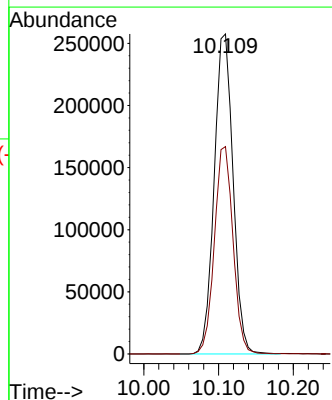
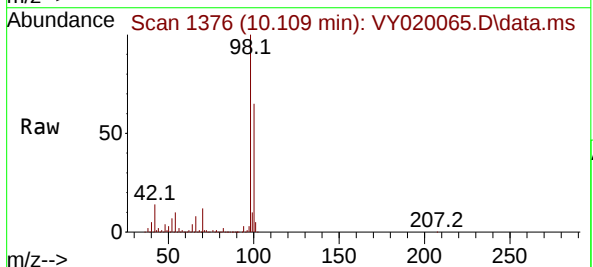


Tgt Ion:117 Resp: 18902
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 51.263 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020065.D
Acq: 29 Oct 2024 16:46

Tgt Ion: 98 Resp: 451824
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

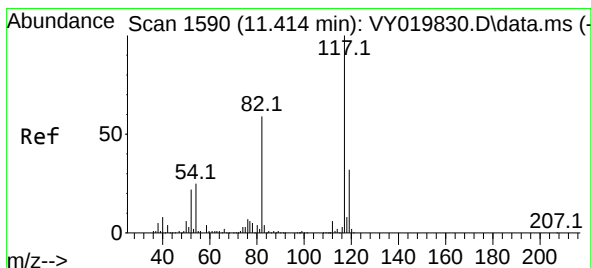
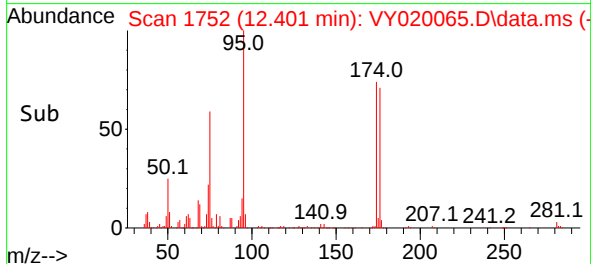
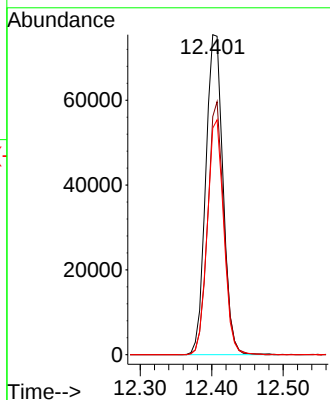
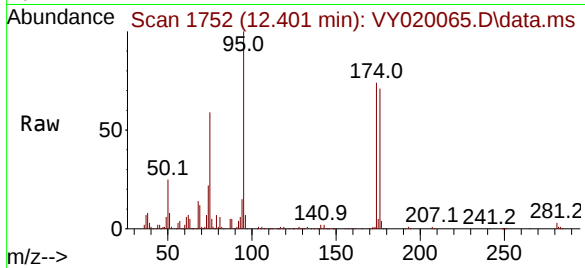




#62
4-Bromofluorobenzene
Concen: 39.659 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020065.D
Acq: 29 Oct 2024 16:46

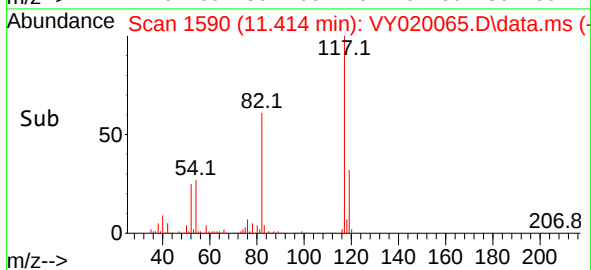
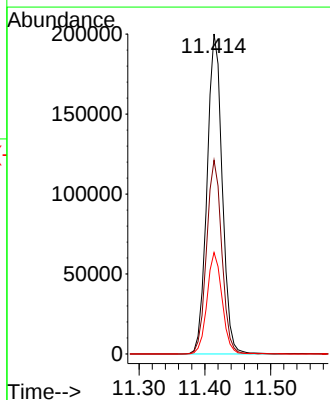
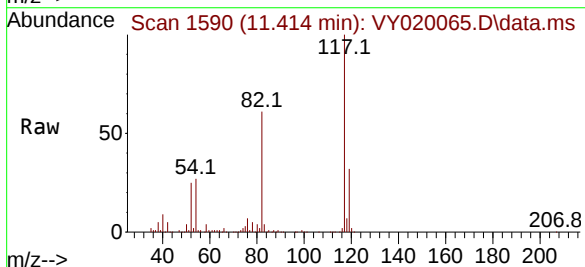
Instrument :
MSVOA_Y
ClientSampleId :

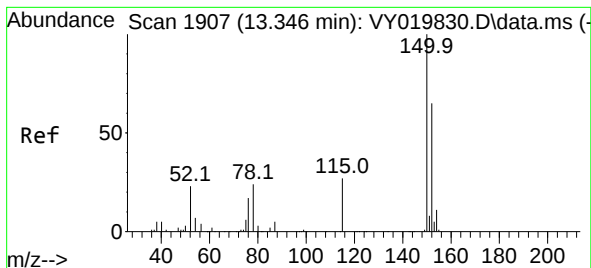
Tgt Ion: 95 Resp: 126304
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 70.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020065.D
Acq: 29 Oct 2024 16:46

Tgt Ion: 117 Resp: 321061
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

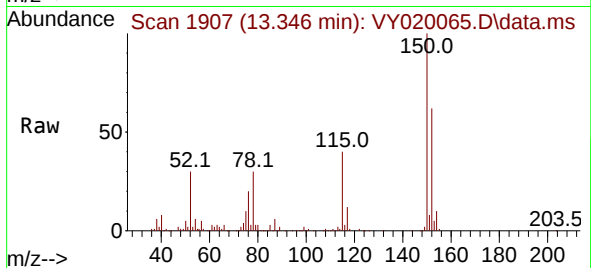
Lab File: VY020065.D

Acq: 29 Oct 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :



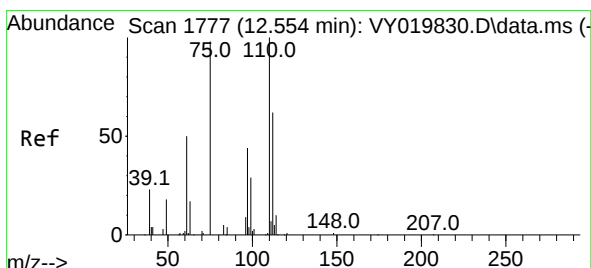
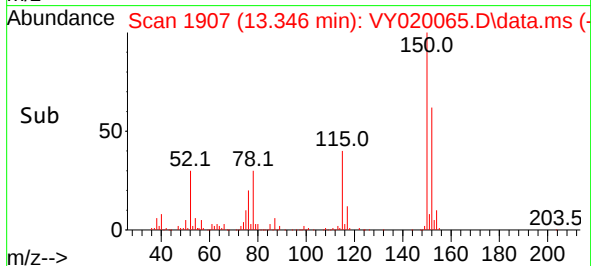
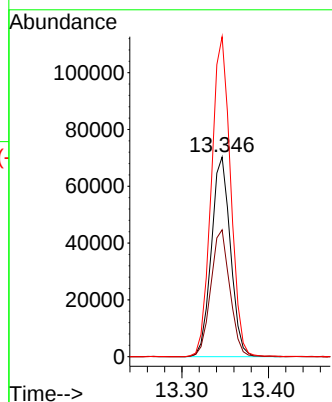
Tgt Ion:152 Resp: 107370

Ion Ratio Lower Upper

152 100

115 63.5 28.2 84.7

150 161.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 35.037 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020065.D

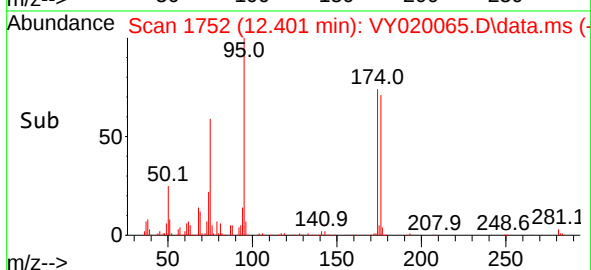
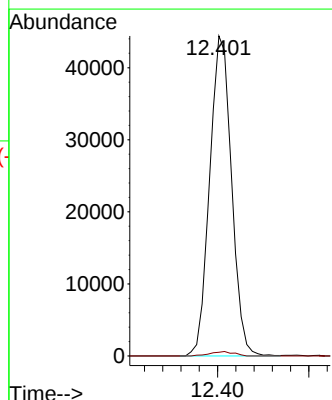
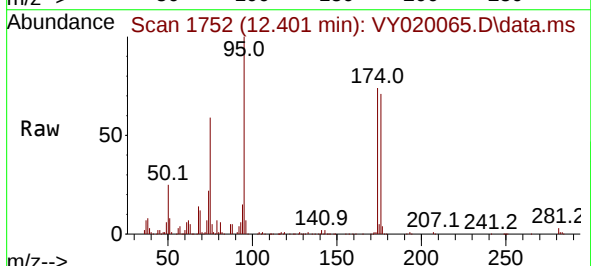
Acq: 29 Oct 2024 16:46

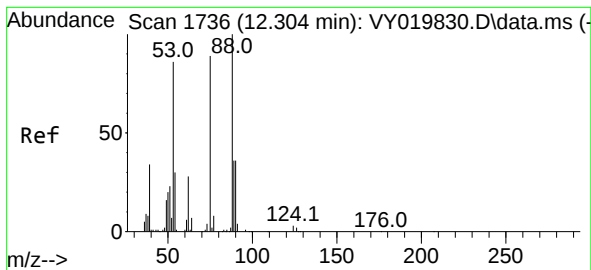
Tgt Ion: 75 Resp: 73695

Ion Ratio Lower Upper

75 100

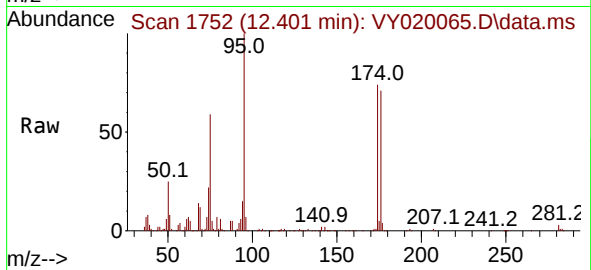
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.421 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020065.D
 Acq: 29 Oct 2024 16:46

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#

