

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020115.D
 Acq On : 01 Nov 2024 12:34
 Operator : SY/MD
 Sample : P4611-07
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 16:03:06 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)

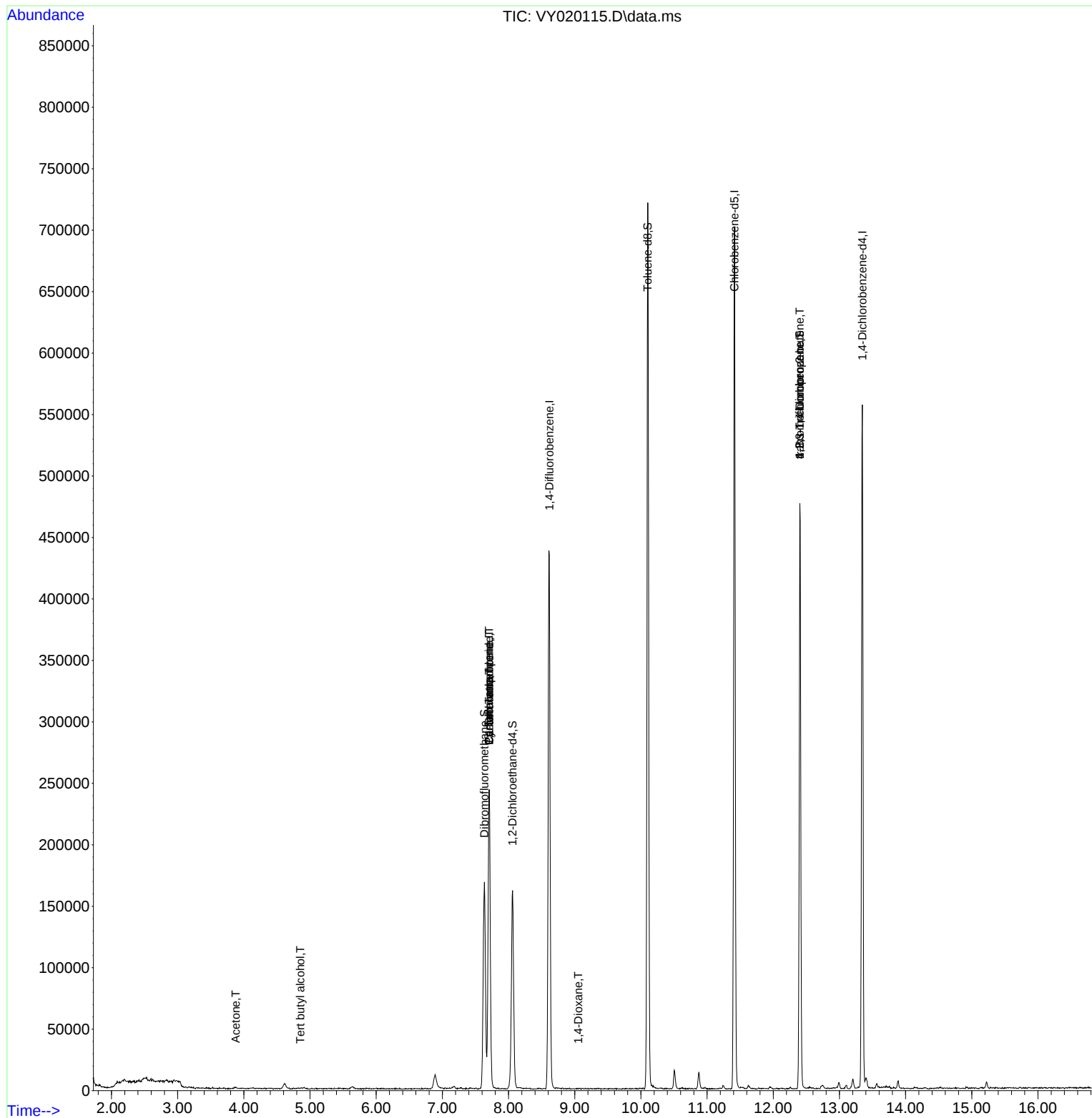
Internal Standards						
1) Pentafluorobenzene	7.707	168	168727	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	351970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	334736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	124156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122245	58.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.100%	
35) Dibromofluoromethane	7.634	113	116969	52.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.540%	
50) Toluene-d8	10.103	98	442280	49.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.402	95	141797	49.009	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	592	3.908	ug/l	# 90
16) Acetone	3.879	43	1515	3.094	ug/l	88
31) Cyclohexane	7.707	56	5259	1.376	ug/l	# 38
36) 1,1-Dichloropropene	7.707	75	16445	4.757	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	19472	5.602	ug/l	# 18
49) 1,4-Dioxane	9.055	88	34	2.525	ug/l	# 20
76) 1,2,3-Trichloropropane	12.402	75	80893	69.506	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	80893	149.504	ug/l	# 16

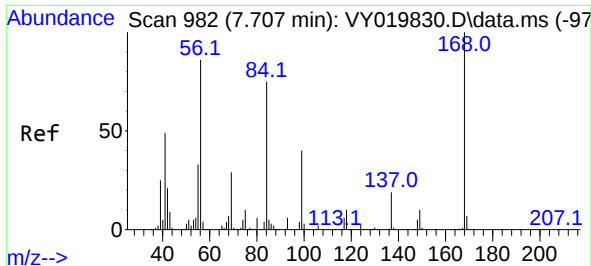
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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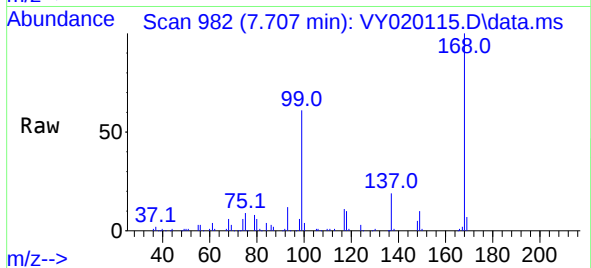
Quant Time: Nov 01 16:03:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
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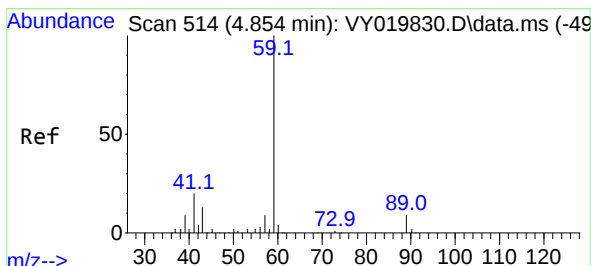
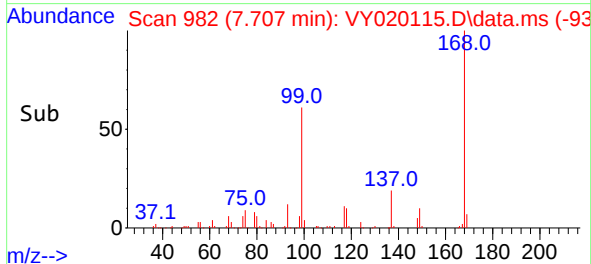
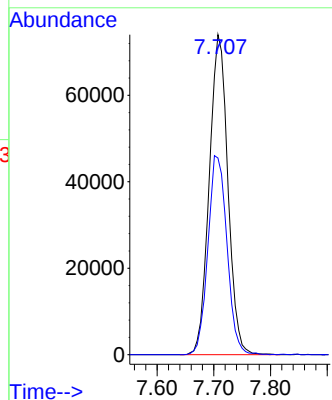


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

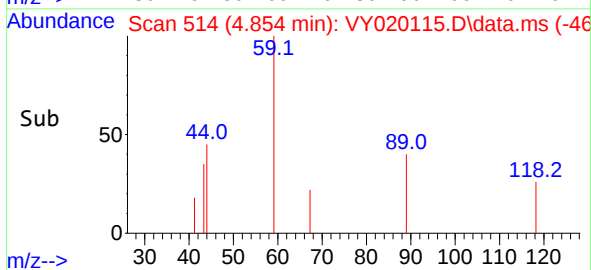
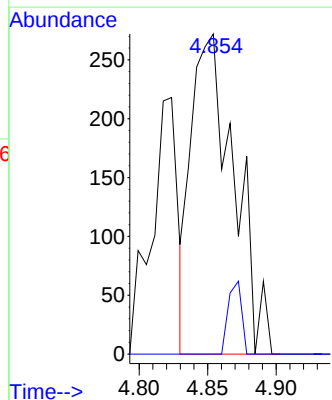
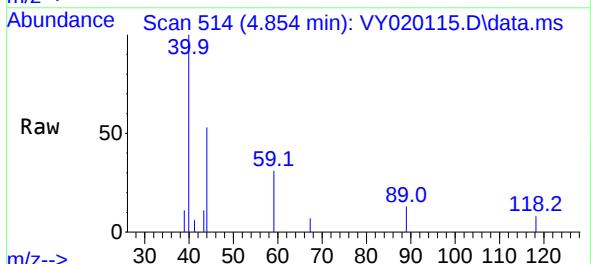


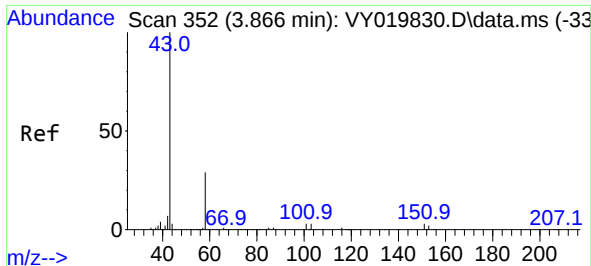
Tgt Ion:168 Resp: 168727
Ion Ratio Lower Upper
168 100
99 61.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.908 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

Tgt Ion: 59 Resp: 592
Ion Ratio Lower Upper
59 100
57 7.1 3.0 4.6#

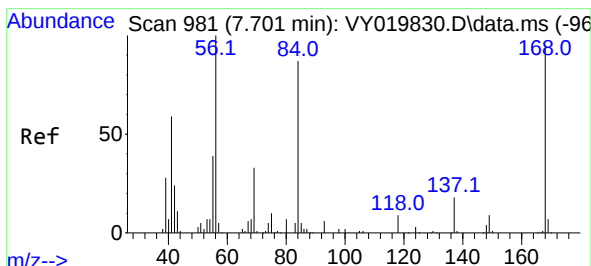
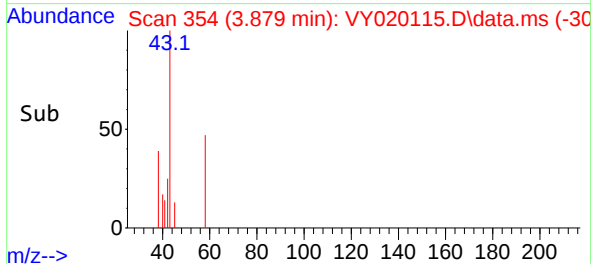
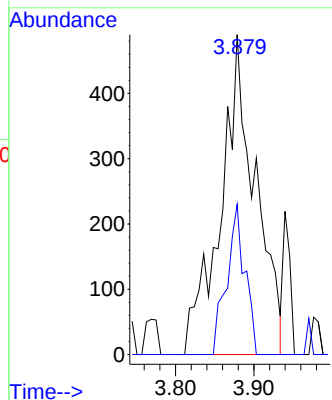
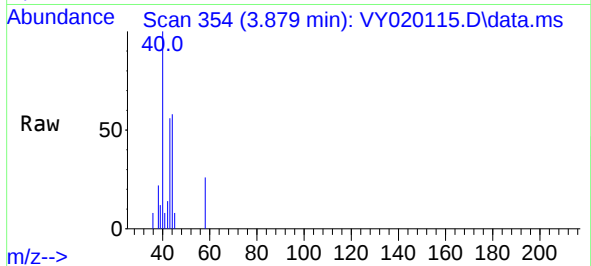




#16
Acetone
Concen: 3.094 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

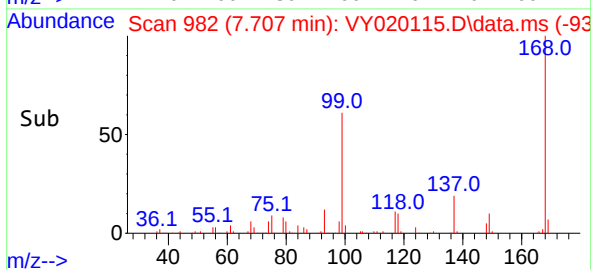
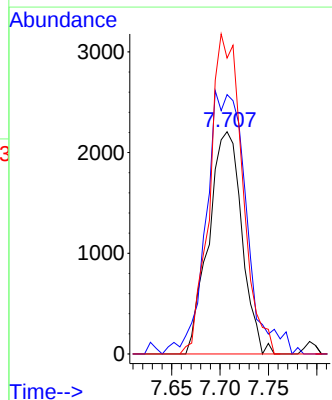
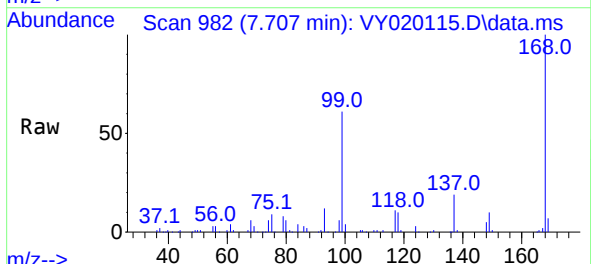
Instrument :
MSVOA_Y
ClientSampleId :

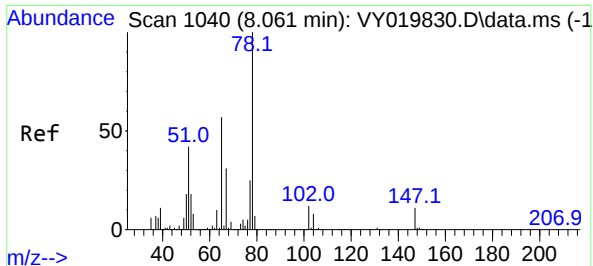
Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
58 46.9 31.7 47.5



#31
Cyclohexane
Concen: 1.376 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

Tgt Ion: 56 Resp: 5259
Ion Ratio Lower Upper
56 100
69 113.5 28.7 43.1#
84 133.1 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 58.051 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020115.D

Acq: 01 Nov 2024 12:34

Instrument :

MSVOA_Y

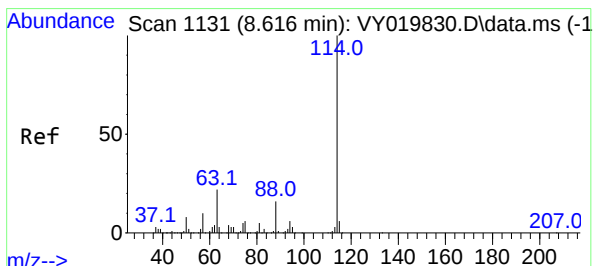
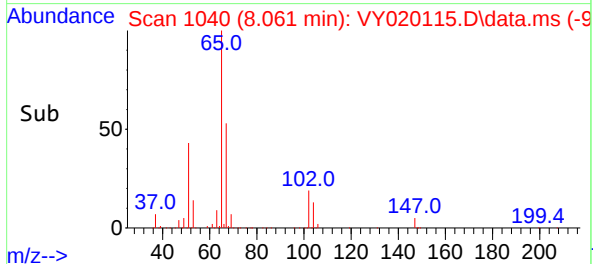
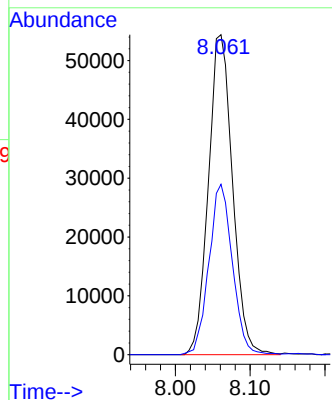
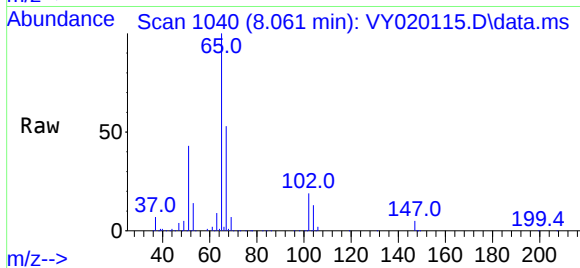
ClientSampleId :

Tgt Ion: 65 Resp: 122245

Ion Ratio Lower Upper

65 100

67 51.9 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: VY020115.D

Acq: 01 Nov 2024 12:34

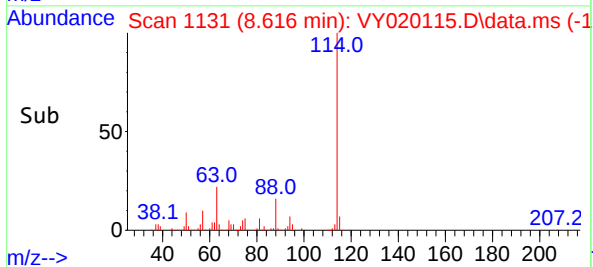
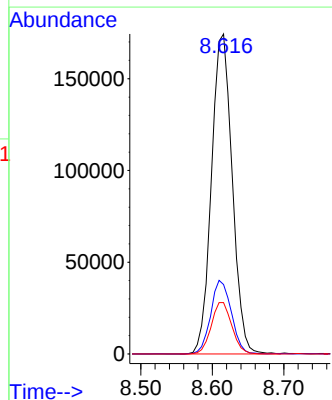
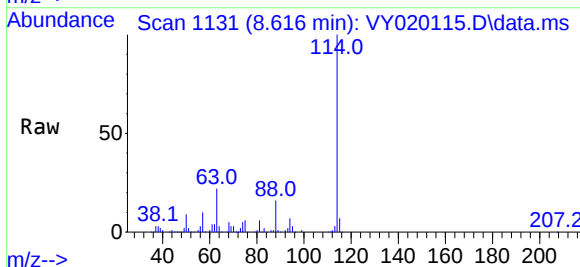
Tgt Ion: 114 Resp: 351970

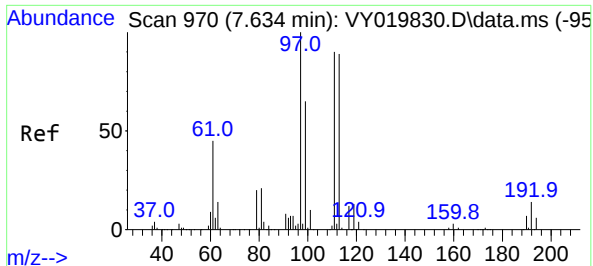
Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.0

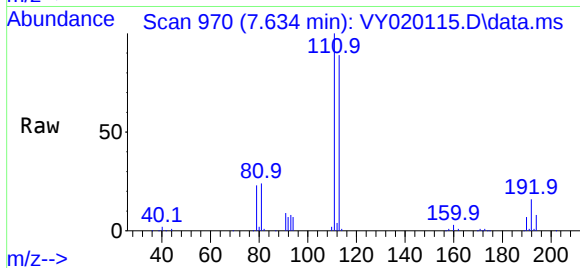
88 16.1 0.0 27.2



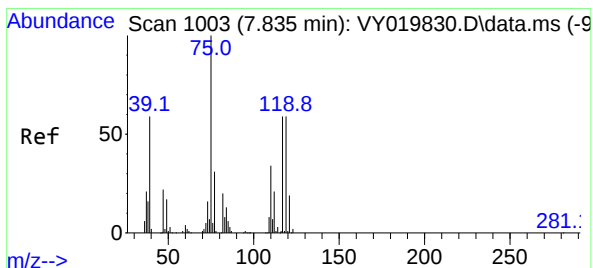
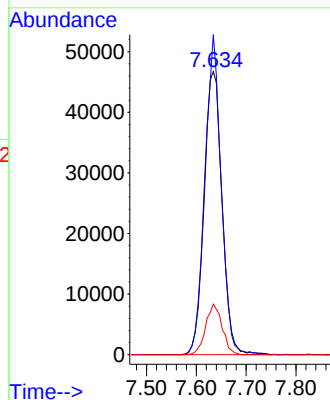
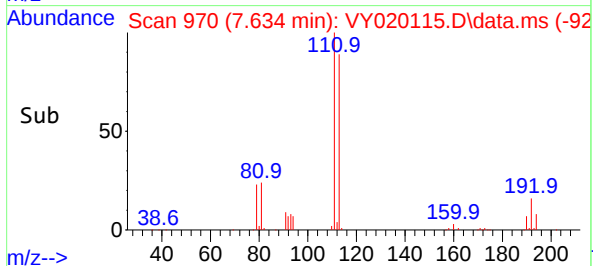


#35
Dibromofluoromethane
Concen: 52.269 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

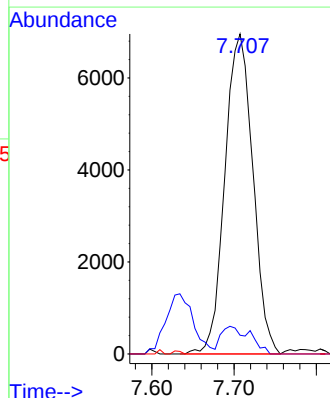
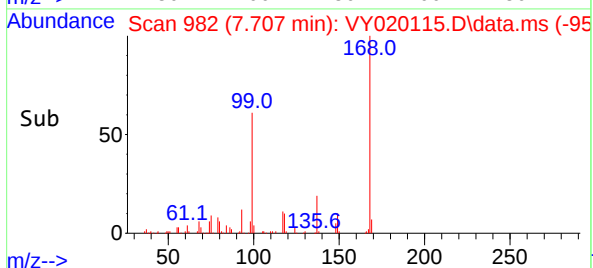
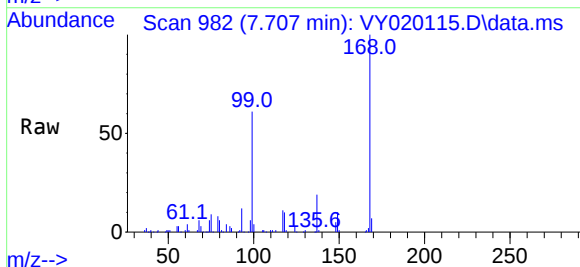


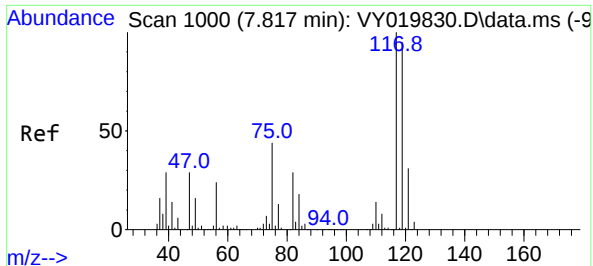
Tgt Ion:113 Resp: 116969
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 16.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.757 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

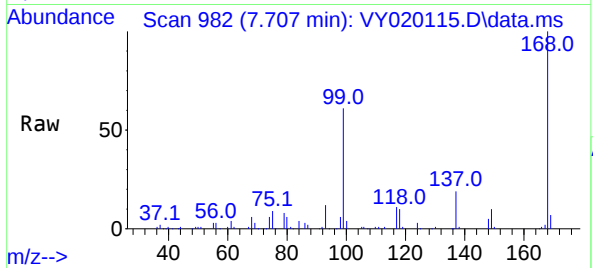
Tgt Ion: 75 Resp: 16445
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.0 25.3 37.9#



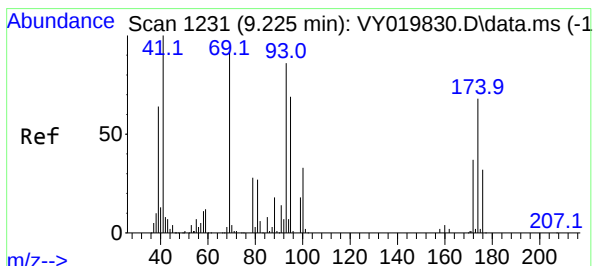
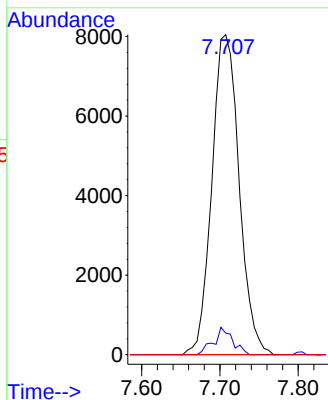
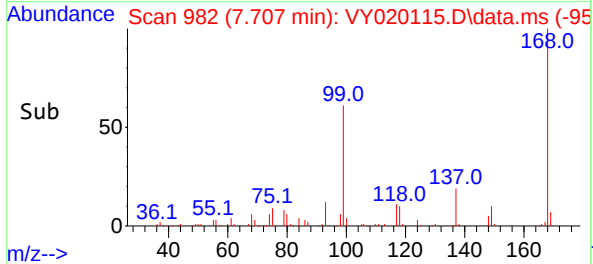


#38
Carbon Tetrachloride
Concen: 5.602 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

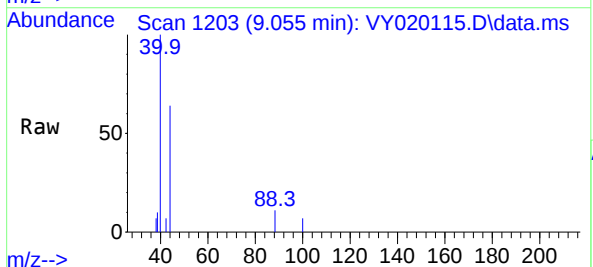
Instrument :
MSVOA_Y
ClientSampleId :



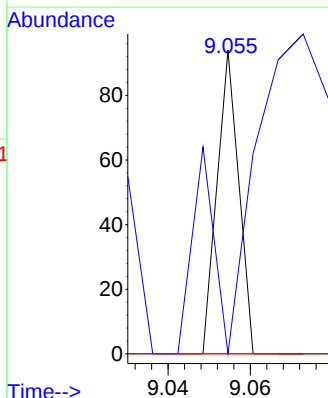
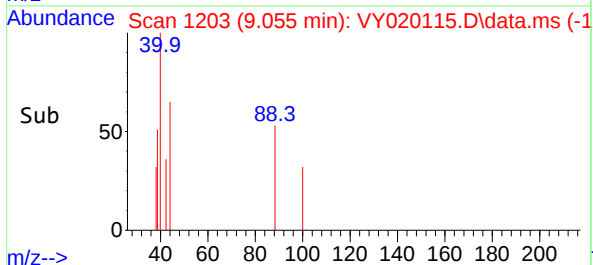
Tgt Ion:117 Resp: 19472
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.6#
121 0.0 24.0 36.0#

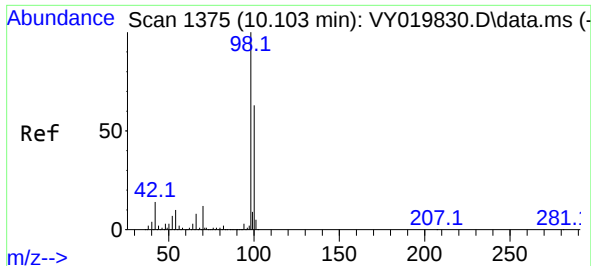


#49
1,4-Dioxane
Concen: 2.525 ug/l
RT: 9.055 min Scan# 1203
Delta R.T. -0.176 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34



Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 488.2 0.0 0.0#
58 0.0 49.3 73.9#

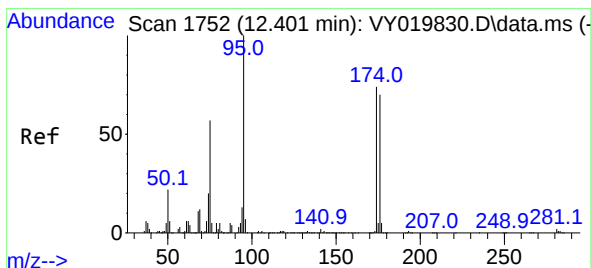
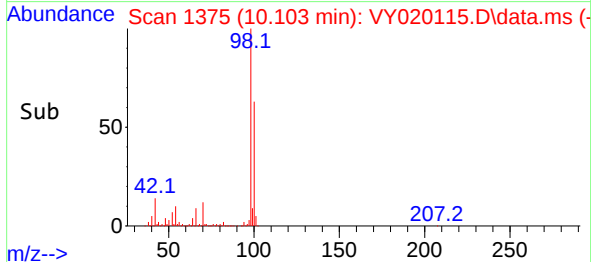
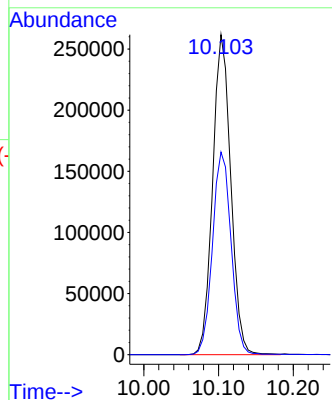
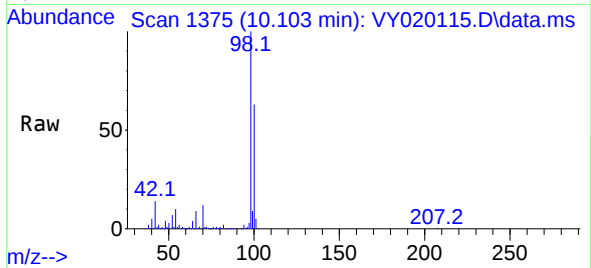




#50
Toluene-d8
Concen: 49.652 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

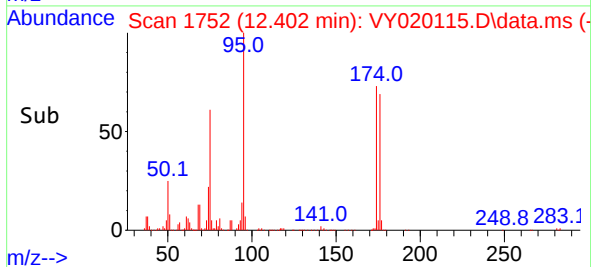
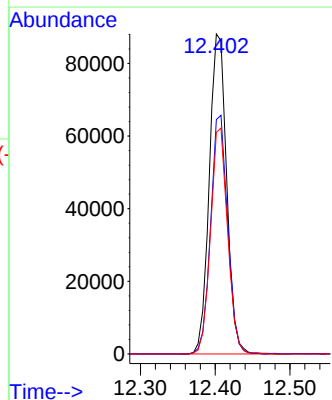
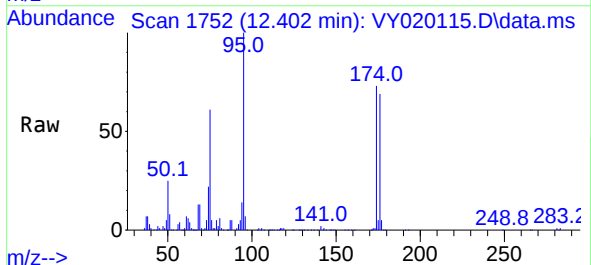
Instrument :
MSVOA_Y
ClientSampleId :

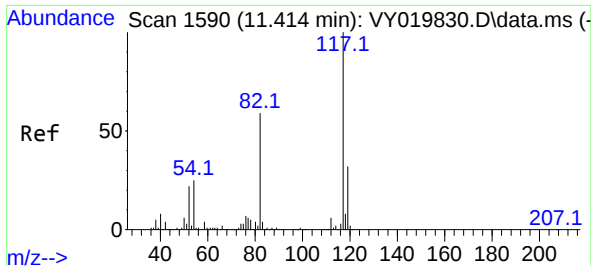
Tgt Ion: 98 Resp: 442280
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.009 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

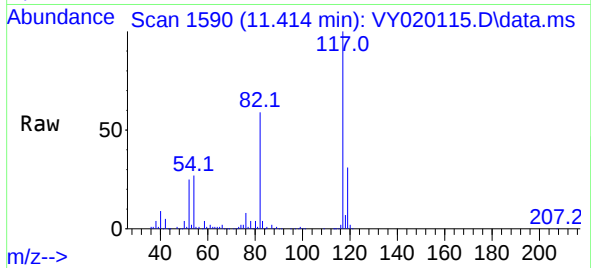
Tgt Ion: 95 Resp: 141797
Ion Ratio Lower Upper
95 100
174 73.7 0.0 175.6
176 69.4 0.0 171.4



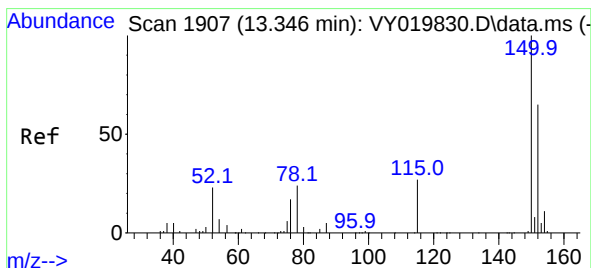
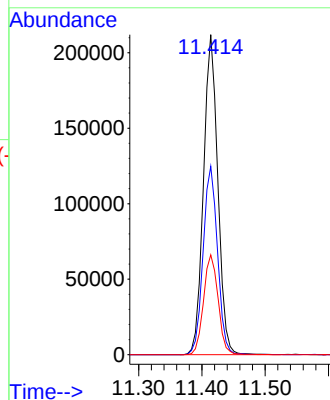
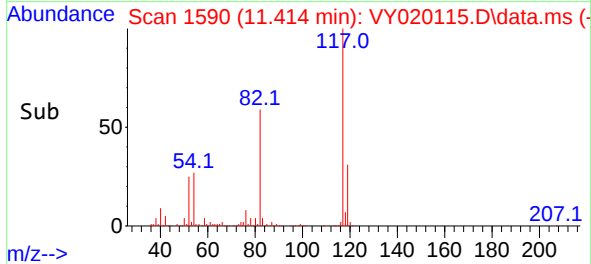


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

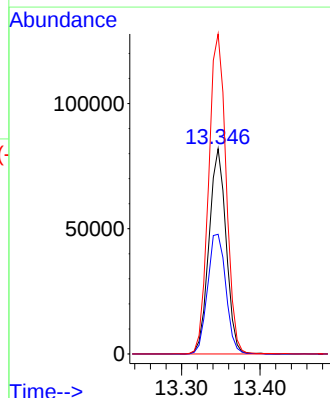
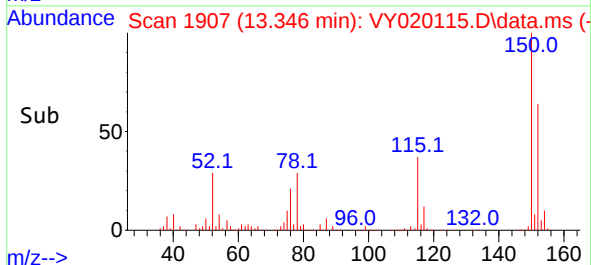
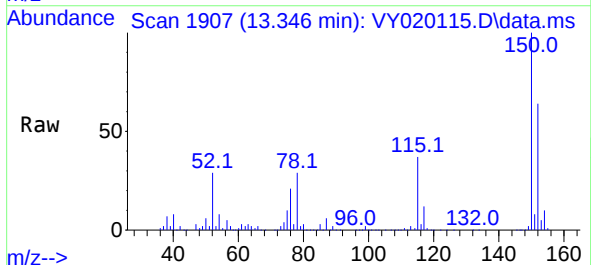


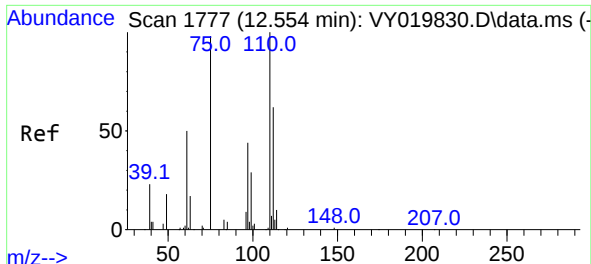
Tgt Ion:117 Resp: 334736
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 31.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

Tgt Ion:152 Resp: 124156
Ion Ratio Lower Upper
152 100
115 62.5 28.2 84.7
150 158.7 0.0 345.6

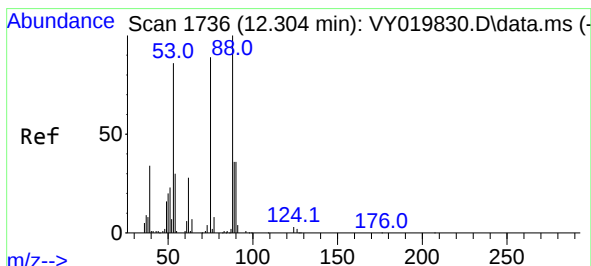
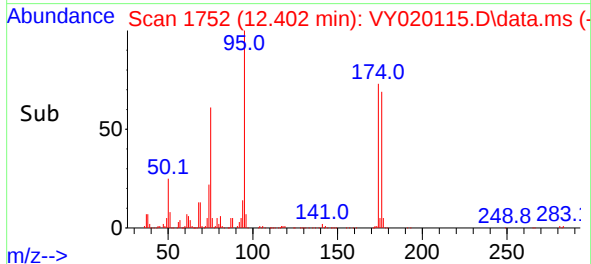
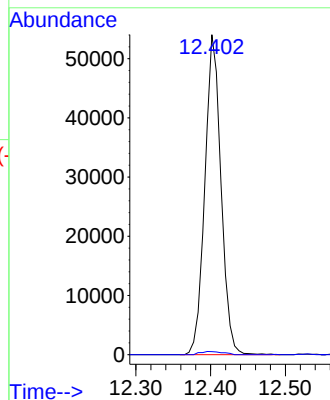
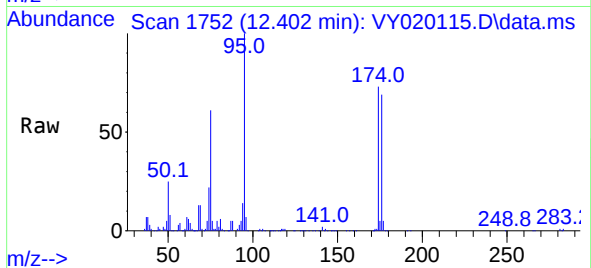




#76
1,2,3-Trichloropropane
Concen: 69.506 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80893
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 149.504 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

Tgt Ion: 75 Resp: 80893
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#

