

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020378.D
 Acq On : 21 Nov 2024 11:49
 Operator : SY/MD
 Sample : P4852-02
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 13:56:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

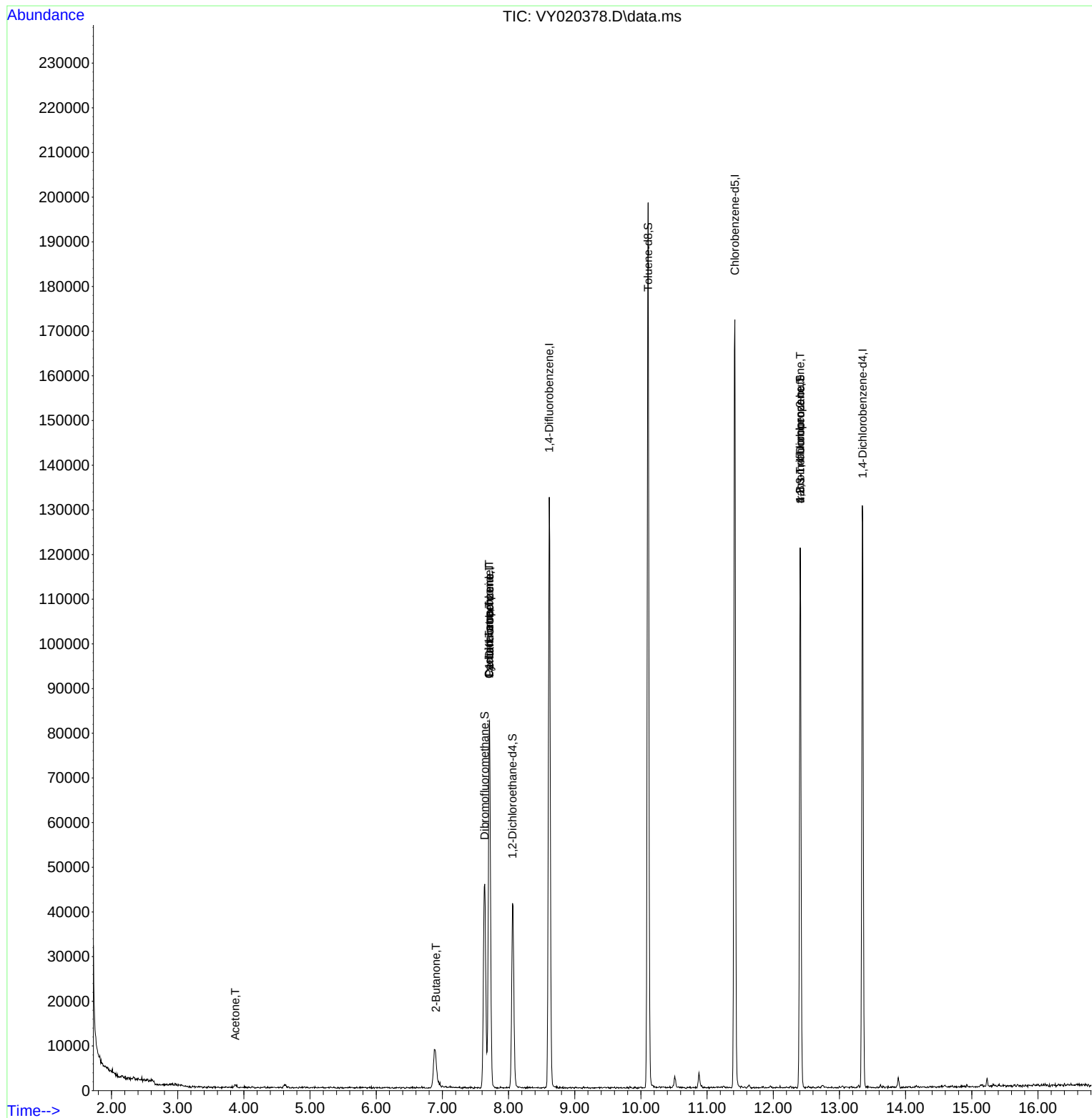
Internal Standards						
1) Pentafluorobenzene	7.713	168	60112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	106378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	90999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	32365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	34672	50.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.400%	
35) Dibromofluoromethane	7.640	113	33206	48.680	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.360%	
50) Toluene-d8	10.109	98	125212	46.598	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.200%	
62) 4-Bromofluorobenzene	12.407	95	37193	43.058	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.238	50	43	Below Cal	#	41
11) Tert butyl alcohol	4.872	59	24	Below Cal	#	73
16) Acetone	3.872	43	1105	6.674	ug/l #	82
25) 2-Butanone	6.902	43	592	2.777	ug/l #	50
31) Cyclohexane	7.707	56	1302	1.011	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	5251	5.040	ug/l #	52
38) Carbon Tetrachloride	7.707	117	7004	6.439	ug/l #	14
76) 1,2,3-Trichloropropane	12.407	75	20514	67.248	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	20514	131.769	ug/l #	9

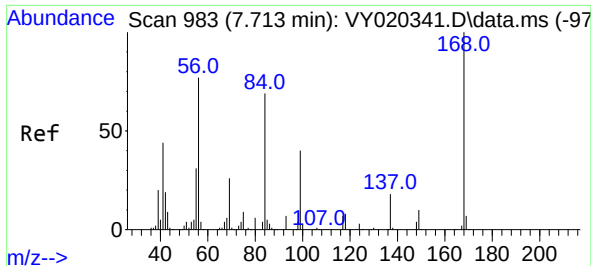
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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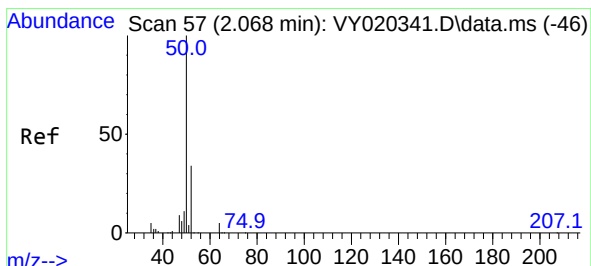
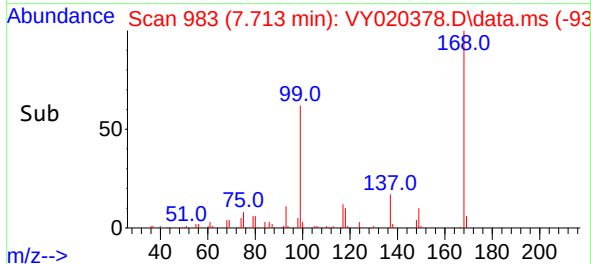
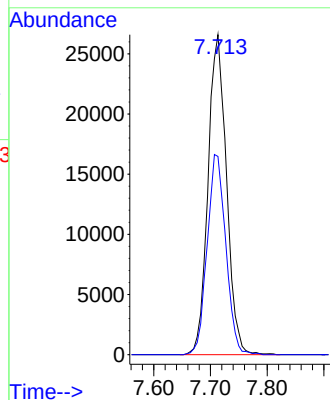
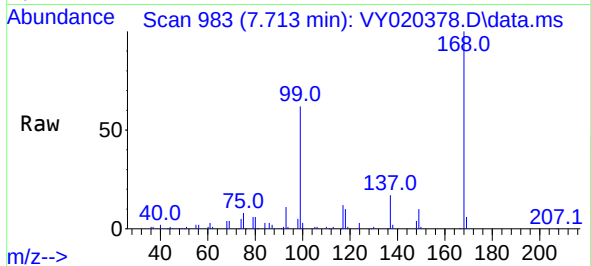




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

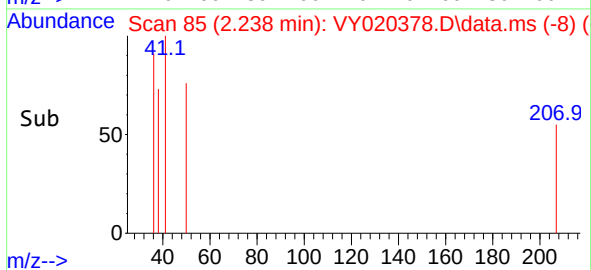
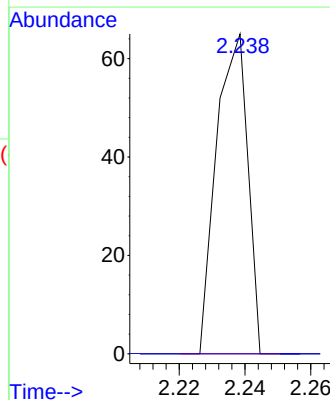
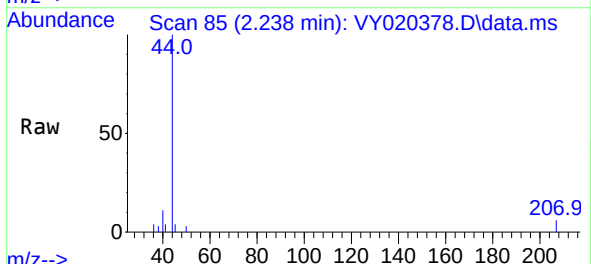
Instrument :
MSVOA_Y
ClientSampleId :

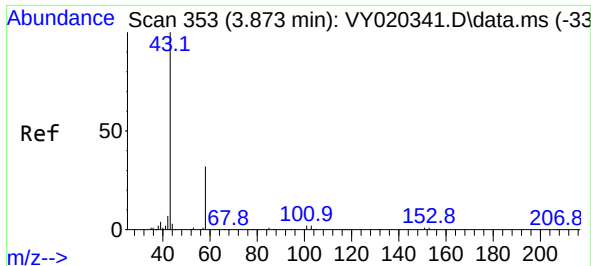
Tgt Ion:168 Resp: 60112
Ion Ratio Lower Upper
168 100
99 61.9 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.238 min Scan# 85
Delta R.T. 0.170 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

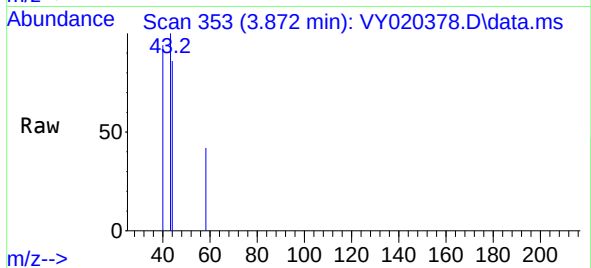
Tgt Ion: 50 Resp: 43
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



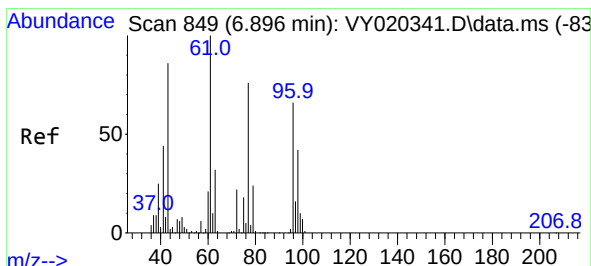
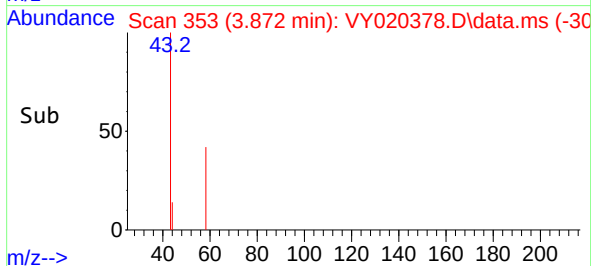
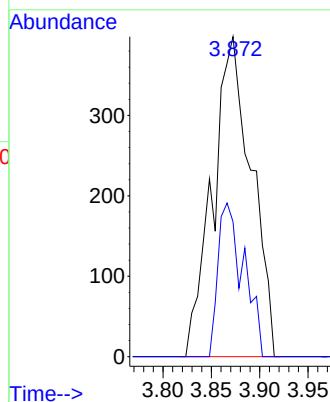


#16
Acetone
Concen: 6.674 ug/l
RT: 3.872 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

Instrument :
MSVOA_Y
ClientSampleId :

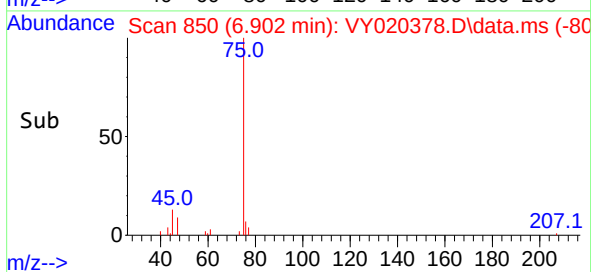
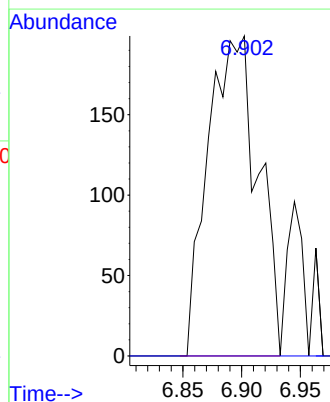
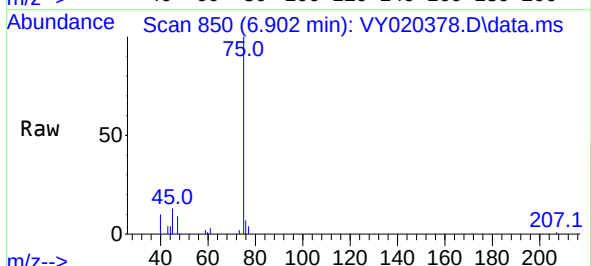


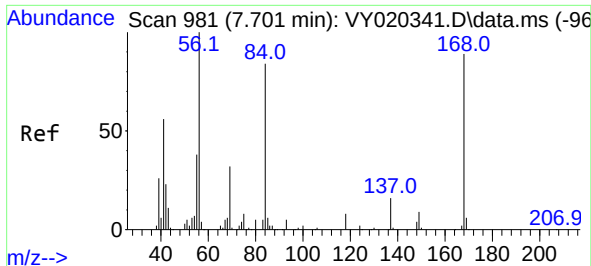
Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 42.2 25.7 38.5#



#25
2-Butanone
Concen: 2.777 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

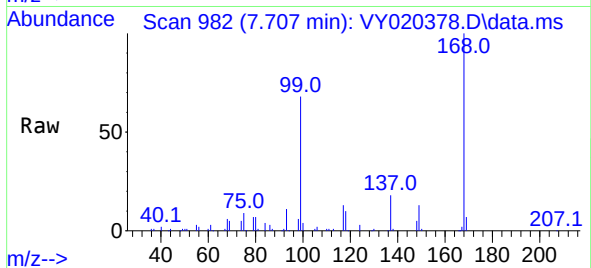
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



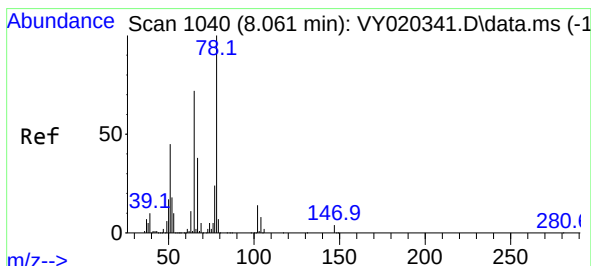
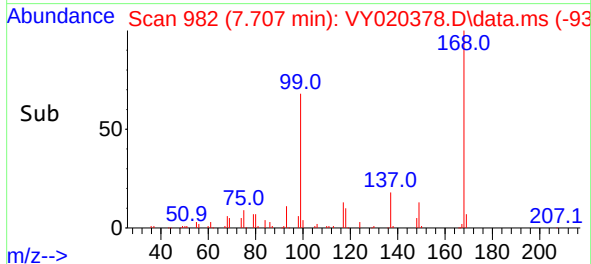
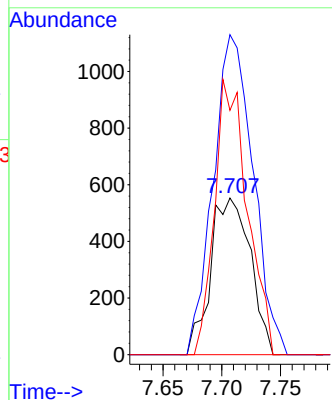


#31
Cyclohexane
Concen: 1.011 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

Instrument :
MSVOA_Y
ClientSampleId :

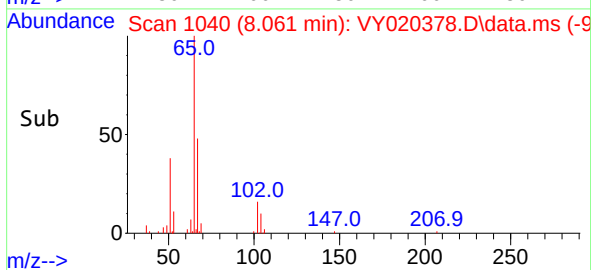
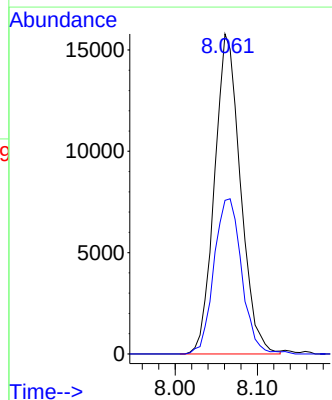
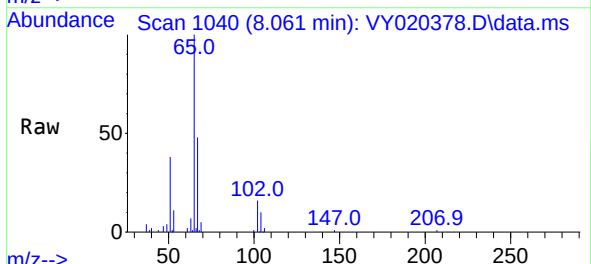


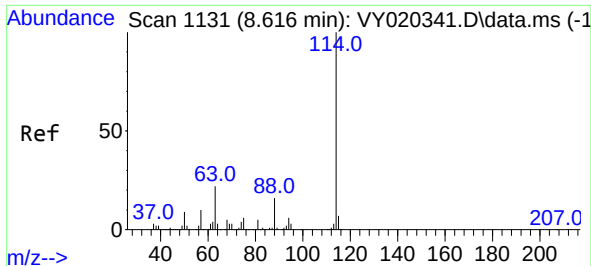
Tgt Ion: 56 Resp: 1302
Ion Ratio Lower Upper
56 100
69 204.3 25.3 37.9#
84 156.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.204 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

Tgt Ion: 65 Resp: 34672
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020378.D

Acq: 21 Nov 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

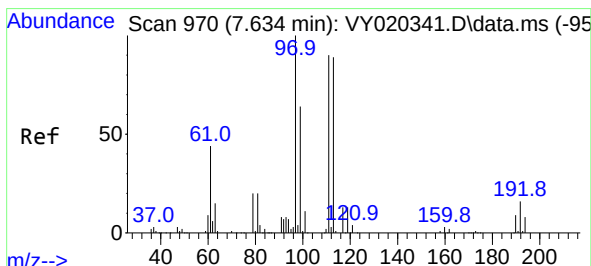
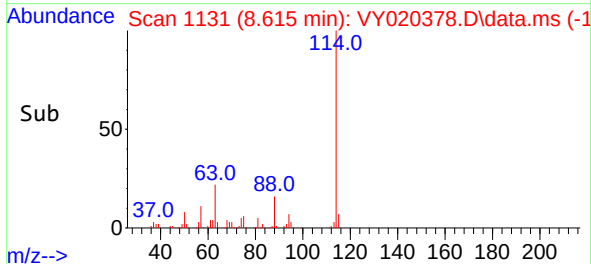
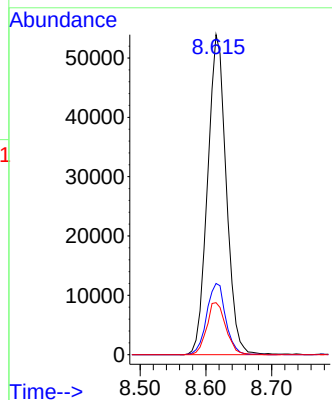
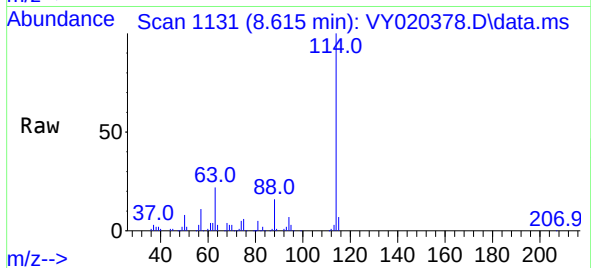
Tgt Ion:114 Resp: 106378

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.8

88 16.2 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.680 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020378.D

Acq: 21 Nov 2024 11:49

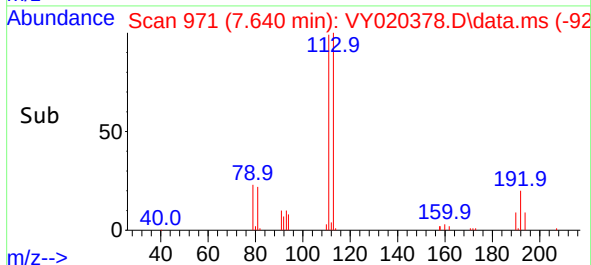
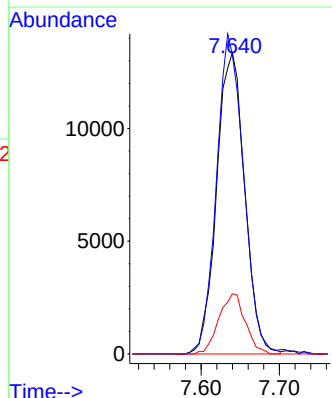
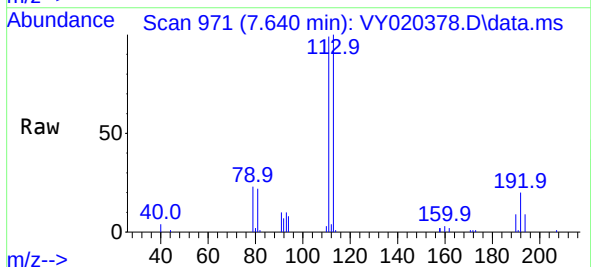
Tgt Ion:113 Resp: 33206

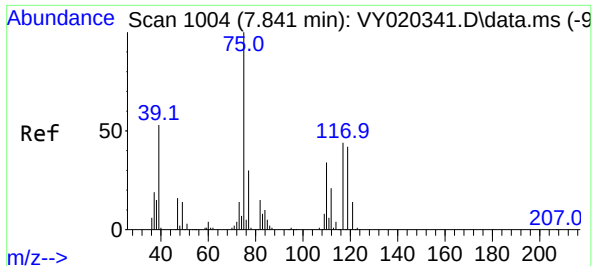
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 18.8 15.1 22.7

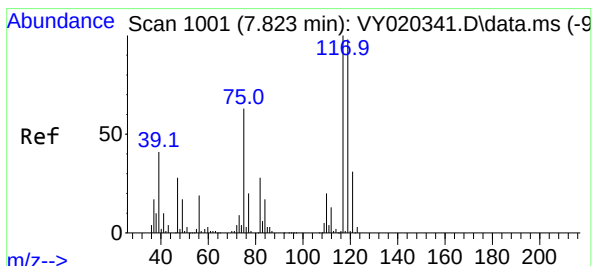
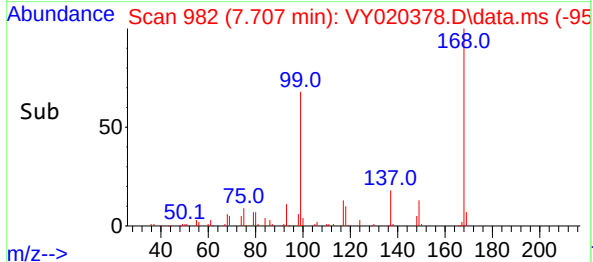
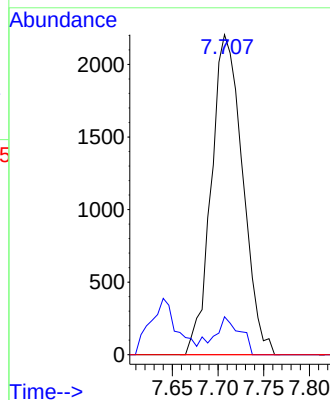
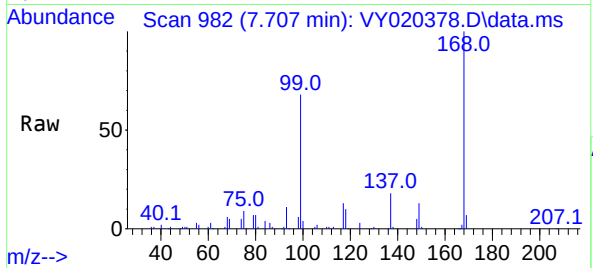




#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

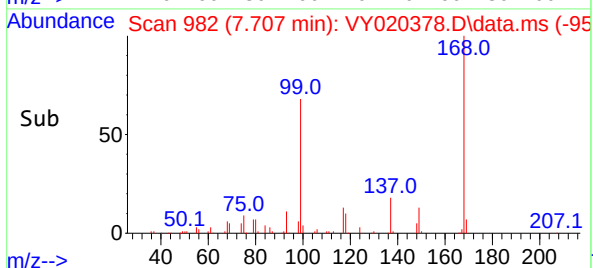
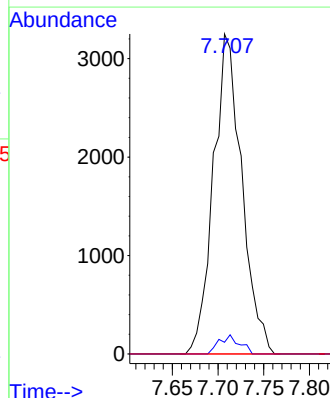
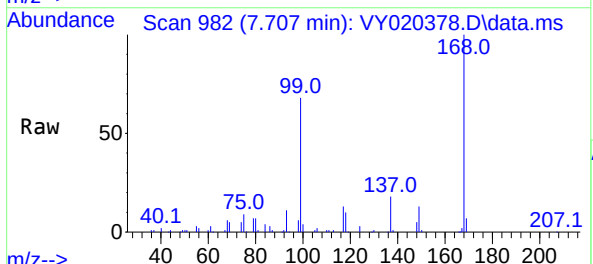
Instrument :
MSVOA_Y
ClientSampleId :

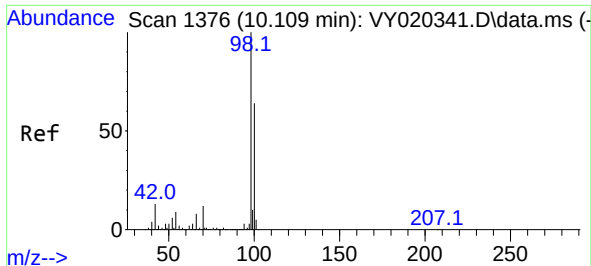
Tgt Ion: 75 Resp: 5251
Ion Ratio Lower Upper
75 100
110 10.0 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.439 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

Tgt Ion: 117 Resp: 7004
Ion Ratio Lower Upper
117 100
119 3.7 77.8 116.6#
121 0.0 24.6 37.0#

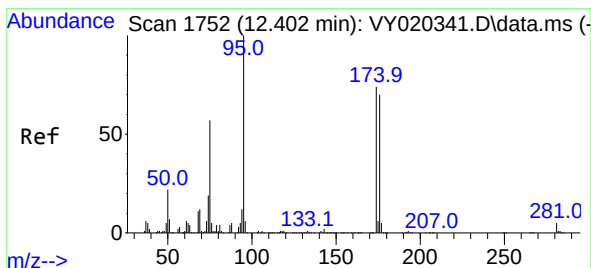
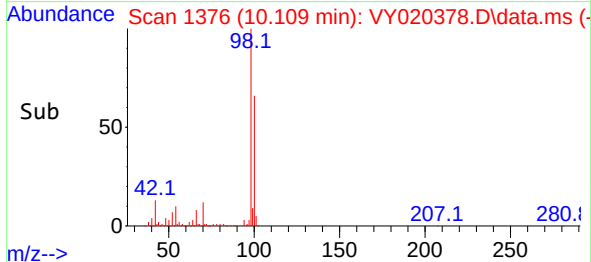
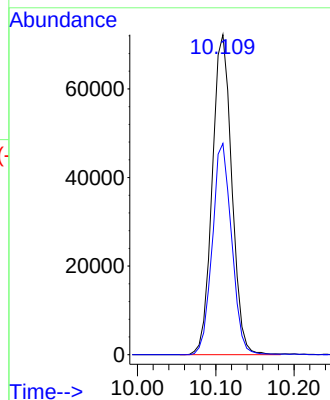
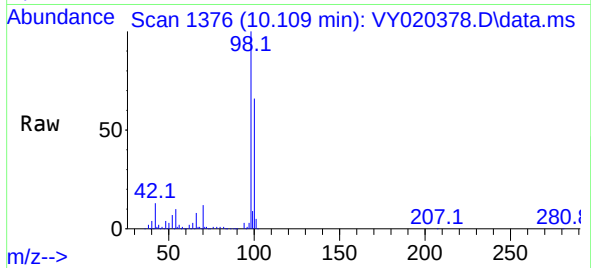




#50
Toluene-d8
Concen: 46.598 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

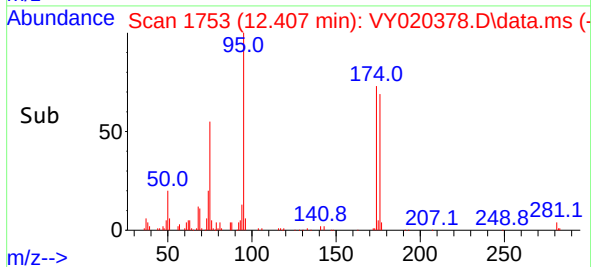
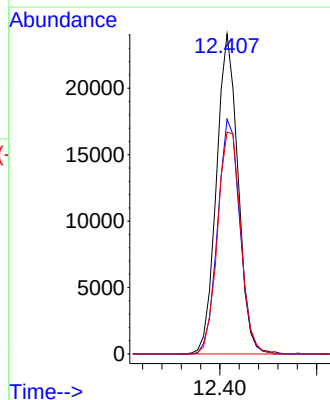
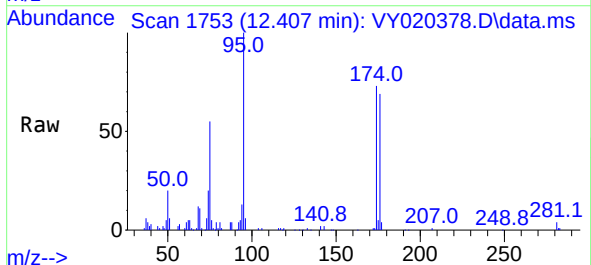
Instrument :
MSVOA_Y
ClientSampleId :

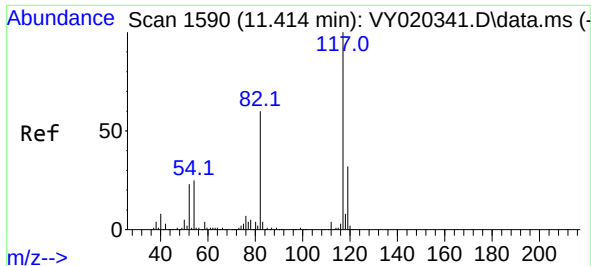
Tgt Ion: 98 Resp: 125212
Ion Ratio Lower Upper
98 100
100 65.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.058 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

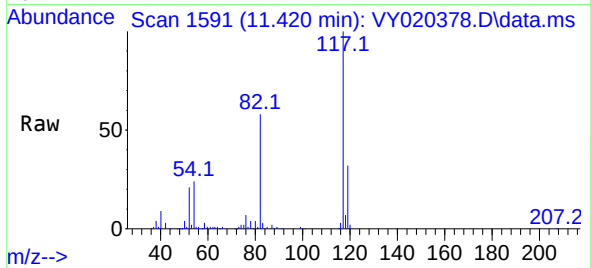
Tgt Ion: 95 Resp: 37193
Ion Ratio Lower Upper
95 100
174 76.0 0.0 156.8
176 74.7 0.0 152.0



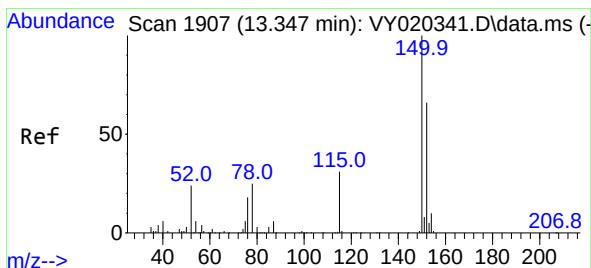
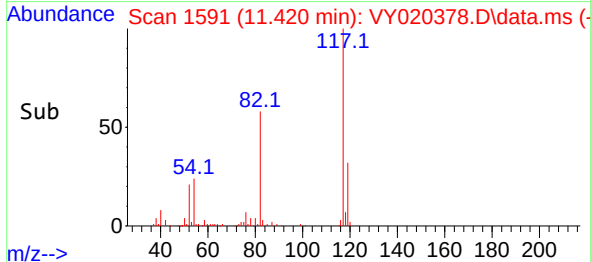
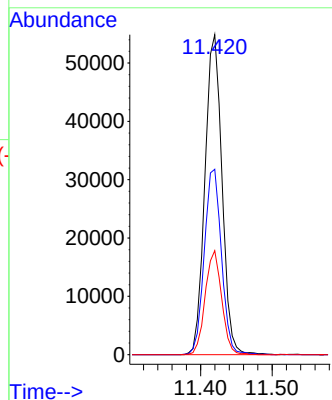


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

Instrument :
MSVOA_Y
ClientSampleId :

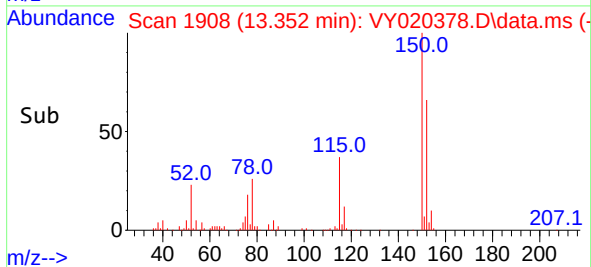
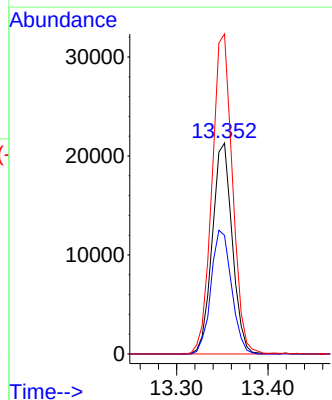
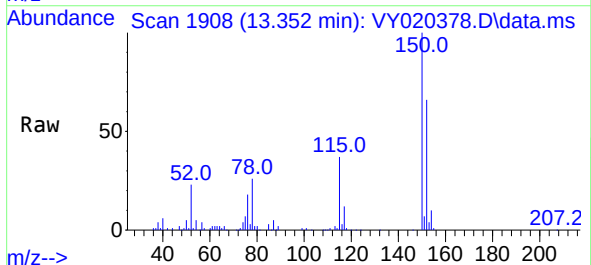


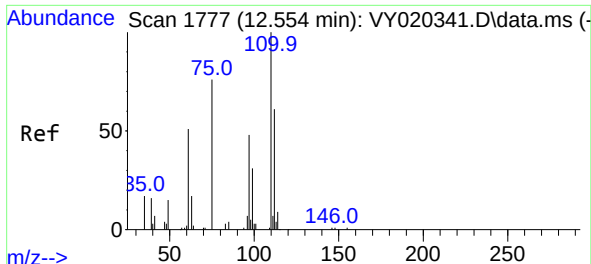
Tgt Ion:117 Resp: 90999
Ion Ratio Lower Upper
117 100
82 57.9 48.2 72.4
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

Tgt Ion:152 Resp: 32365
Ion Ratio Lower Upper
152 100
115 60.2 30.0 90.0
150 155.0 0.0 348.2

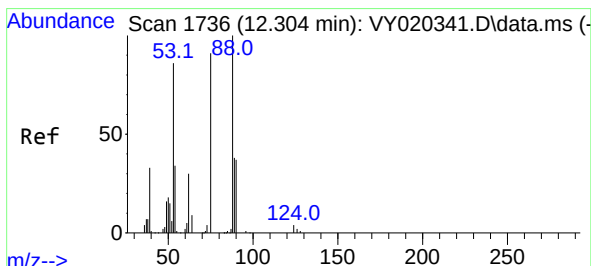
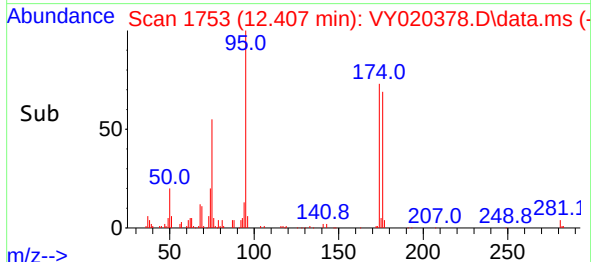
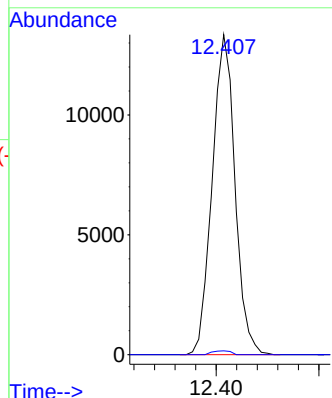
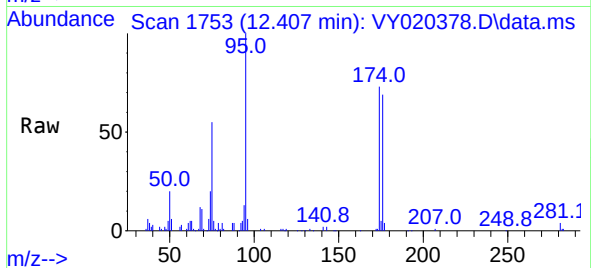




#76
1,2,3-Trichloropropane
Concen: 67.248 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 20514
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.769 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY020378.D
Acq: 21 Nov 2024 11:49

Tgt Ion: 75 Resp: 20514
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

