

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020387.D
 Acq On : 21 Nov 2024 15:20
 Operator : SY/MD
 Sample : P4870-12
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 00:25:33 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)

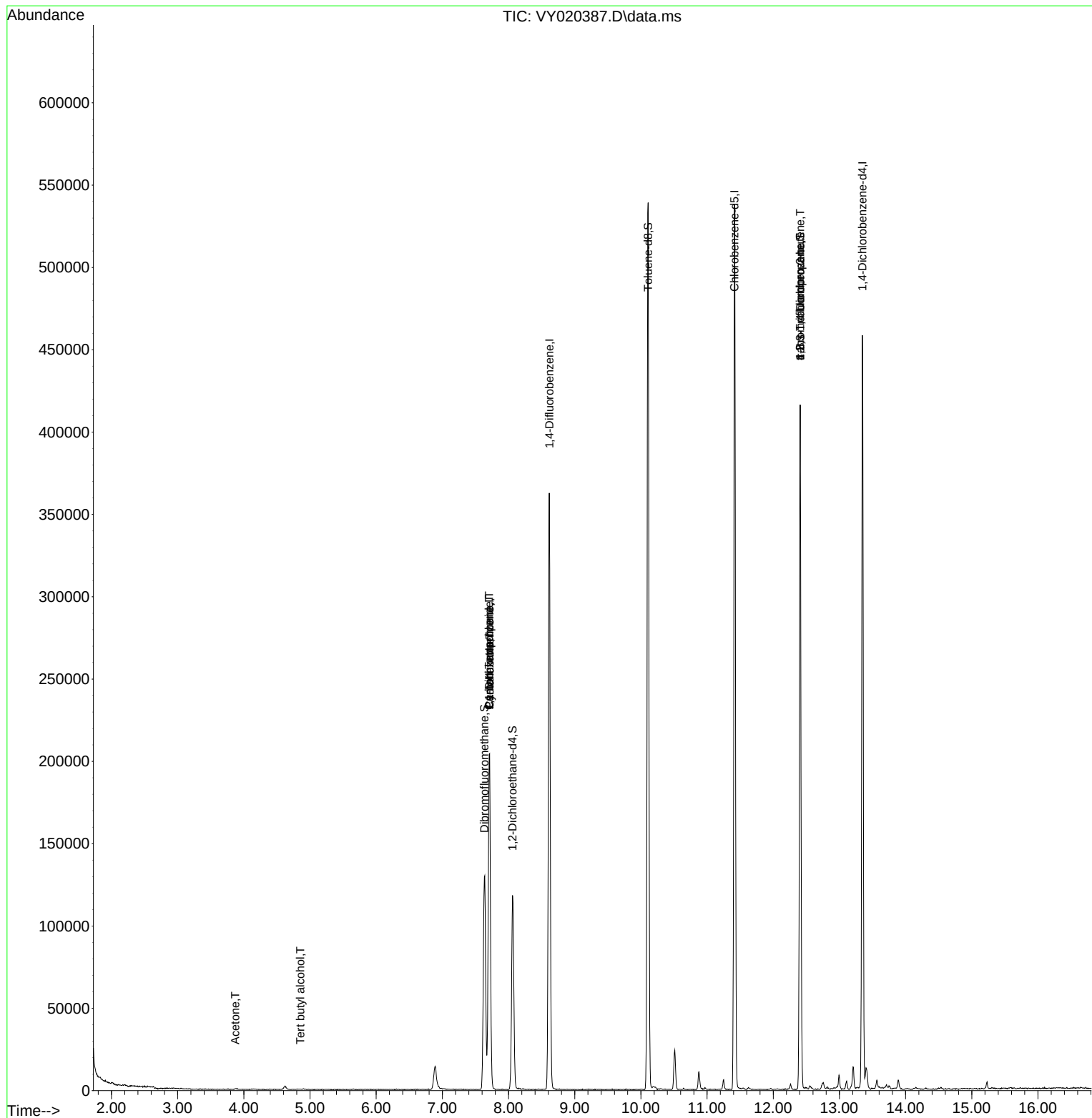
Internal Standards						
1) Pentafluorobenzene	7.713	168	154090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	294142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	276667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	111558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	97207	54.909	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.820%			
35) Dibromofluoromethane	7.634	113	94684	50.200	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.400%			
50) Toluene-d8	10.109	98	361114	48.603	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.200%			
62) 4-Bromofluorobenzene	12.408	95	125610	52.591	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.180%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	230	1.029	ug/l #	73
16) Acetone	3.873	43	710	1.673	ug/l #	82
31) Cyclohexane	7.713	56	3525	1.068	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	12965	4.500	ug/l #	51
38) Carbon Tetrachloride	7.707	117	16666	5.541	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	68456	65.105	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	68456	127.571	ug/l #	9

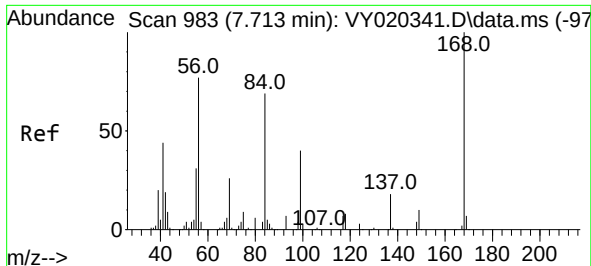
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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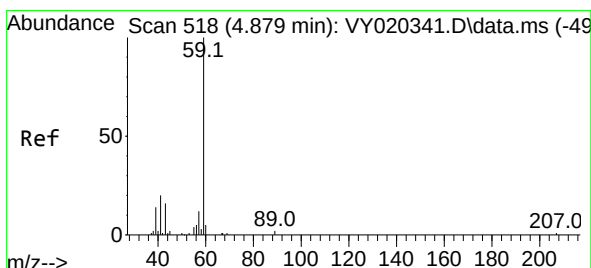
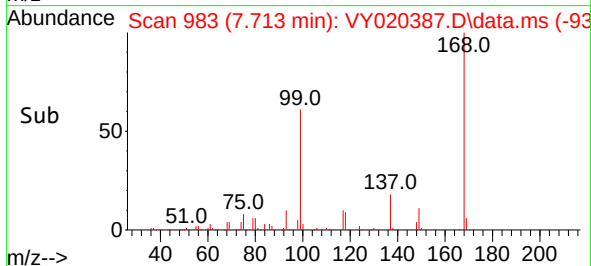
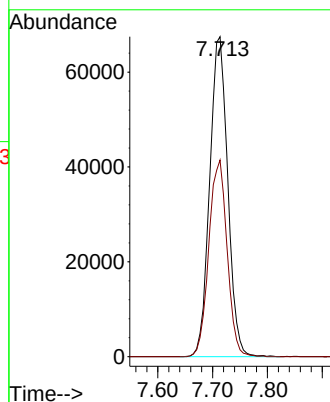
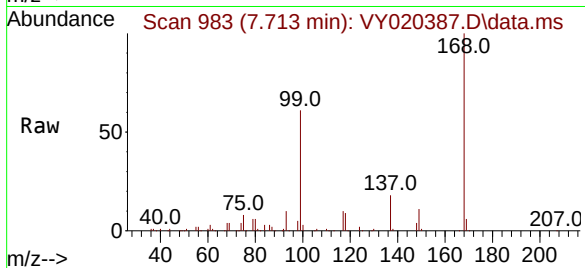




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020387.D
Acq: 21 Nov 2024 15:20

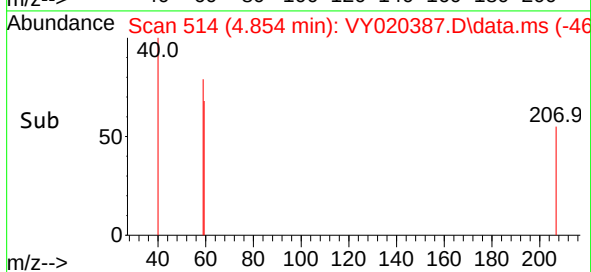
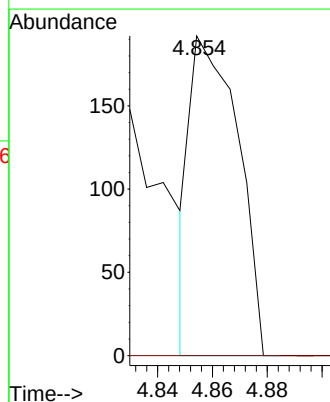
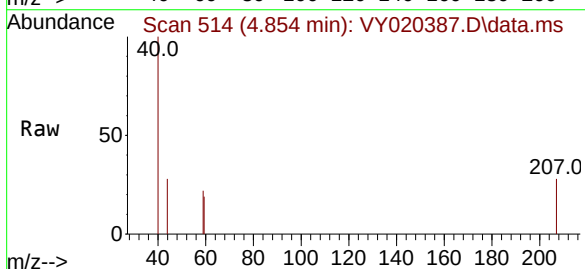
Instrument :
MSVOA_Y
ClientSampleId :

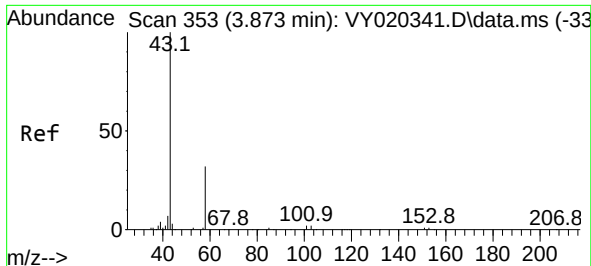
Tgt Ion:168 Resp: 154090
Ion Ratio Lower Upper
168 100
99 61.4 46.6 69.8



#11
Tert butyl alcohol
Concen: 1.029 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY020387.D
Acq: 21 Nov 2024 15:20

Tgt Ion: 59 Resp: 230
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 1.673 ug/l

RT: 3.873 min Scan# 31

Delta R.T. 0.000 min

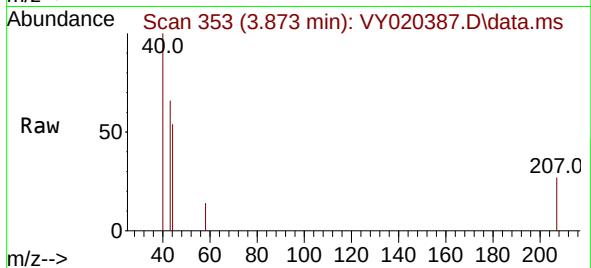
Lab File: VY020387.D

Acq: 21 Nov 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

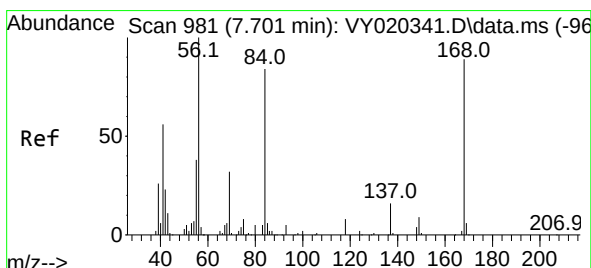
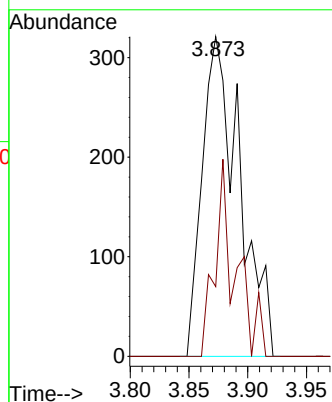
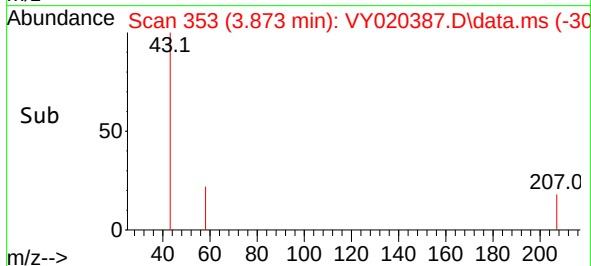


Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

58 21.8 25.7 38.5#



#31

Cyclohexane

Concen: 1.068 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY020387.D

Acq: 21 Nov 2024 15:20

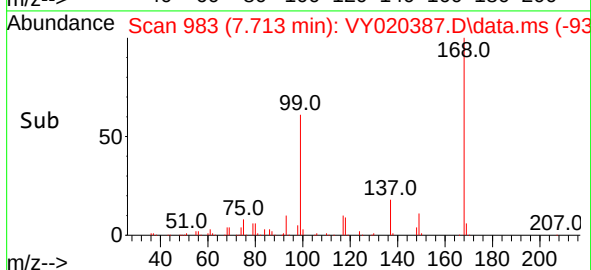
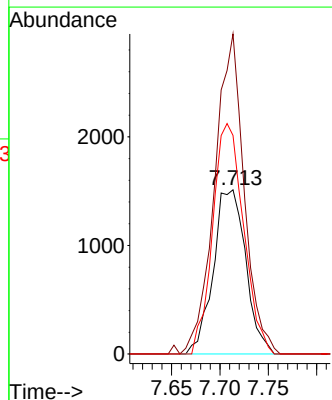
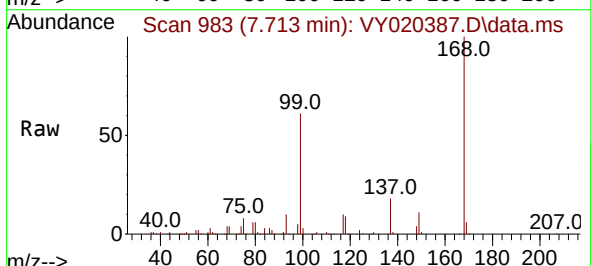
Tgt Ion: 56 Resp: 3525

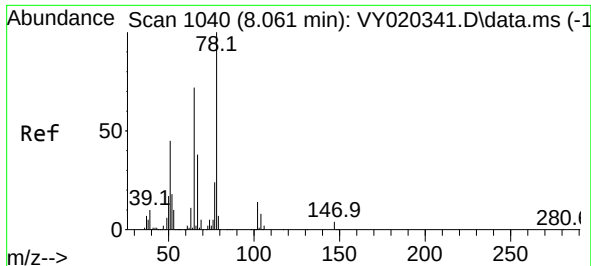
Ion Ratio Lower Upper

56 100

69 194.8 25.3 37.9#

84 133.0 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.909 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY020387.D

Acq: 21 Nov 2024 15:20

Instrument :

MSVOA_Y

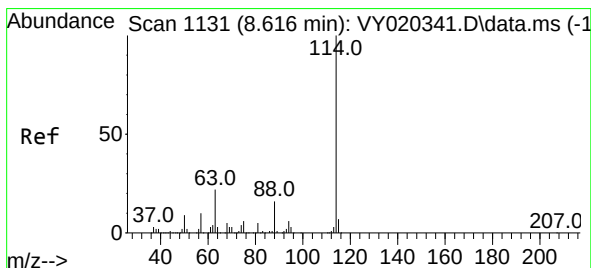
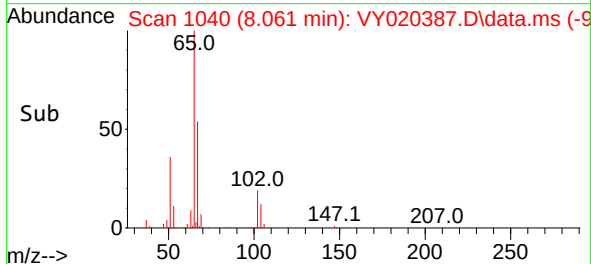
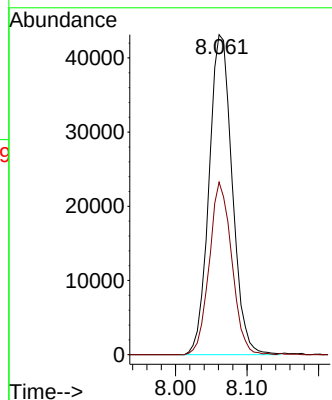
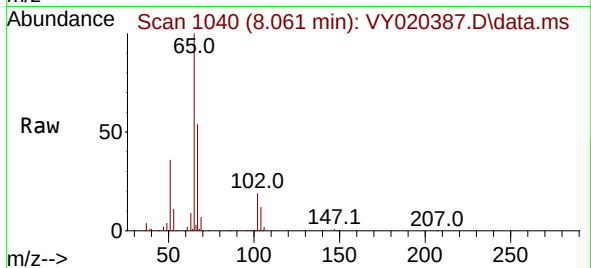
ClientSampleId :

Tgt Ion: 65 Resp: 97207

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020387.D

Acq: 21 Nov 2024 15:20

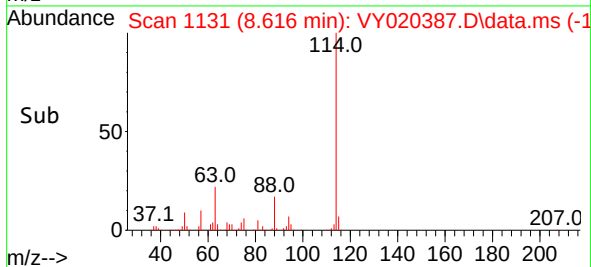
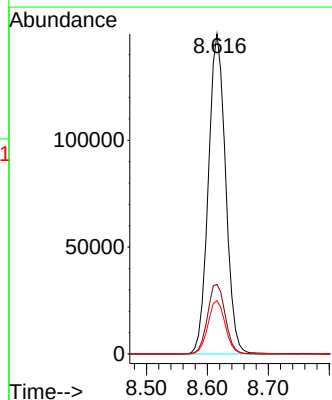
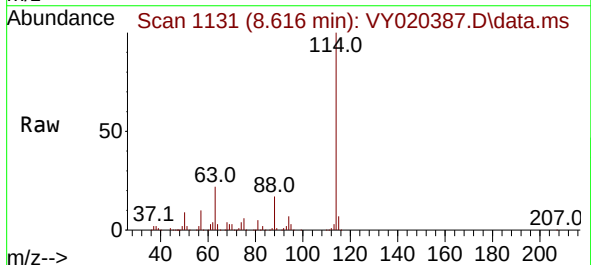
Tgt Ion:114 Resp: 294142

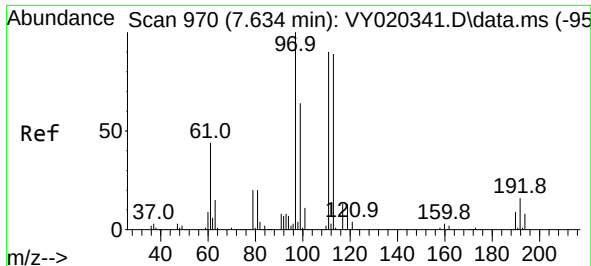
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.8

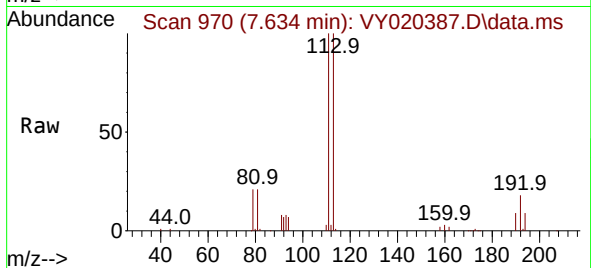
88 16.7 0.0 32.0



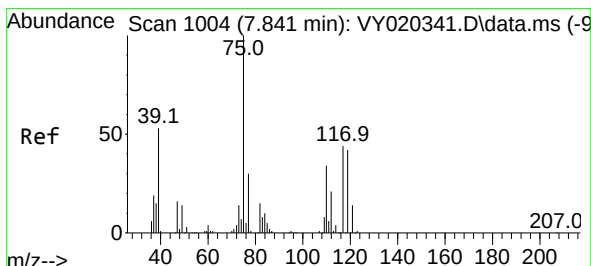
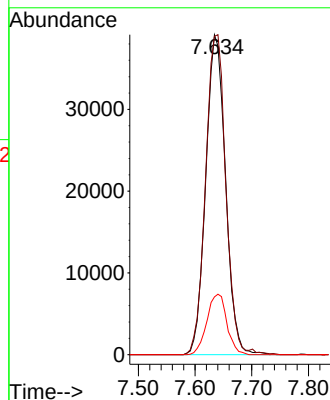
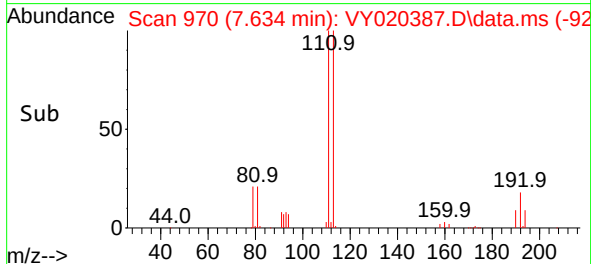


#35
Dibromofluoromethane
Concen: 50.200 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020387.D
Acq: 21 Nov 2024 15:20

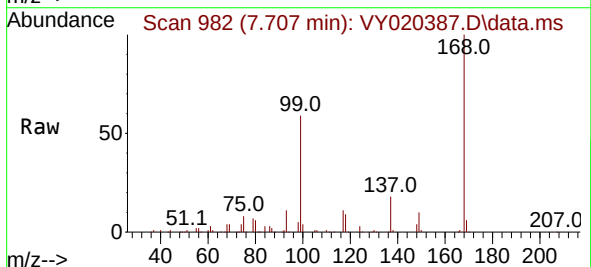
Instrument :
MSVOA_Y
ClientSampleId :



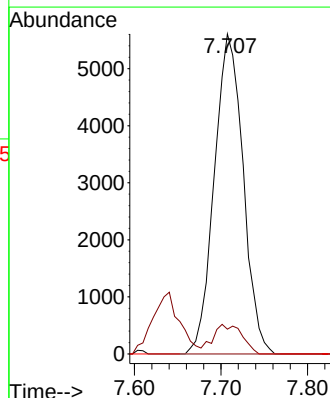
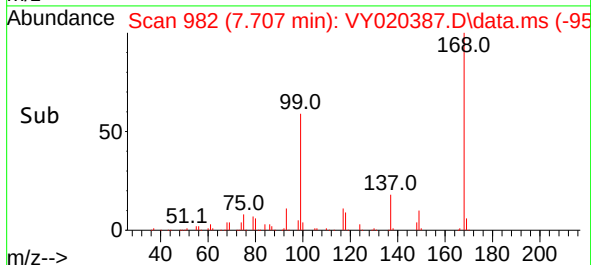
Tgt Ion:113 Resp: 94684
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 19.1 15.1 22.7

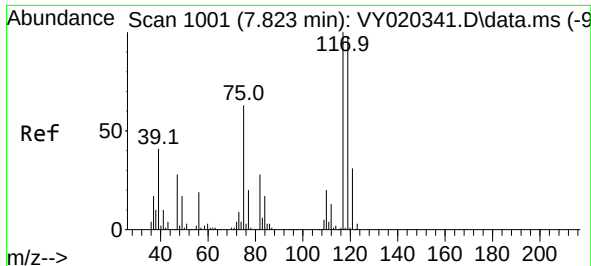


#36
1,1-Dichloropropene
Concen: 4.500 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020387.D
Acq: 21 Nov 2024 15:20



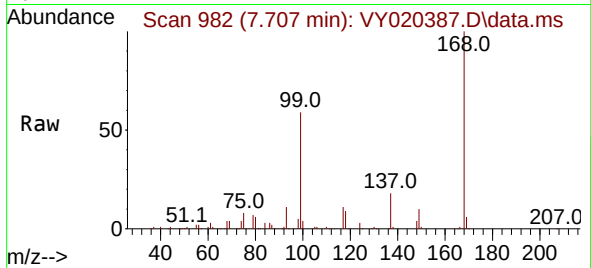
Tgt Ion: 75 Resp: 12965
Ion Ratio Lower Upper
75 100
110 9.2 16.7 50.0#
77 0.0 24.6 36.8#



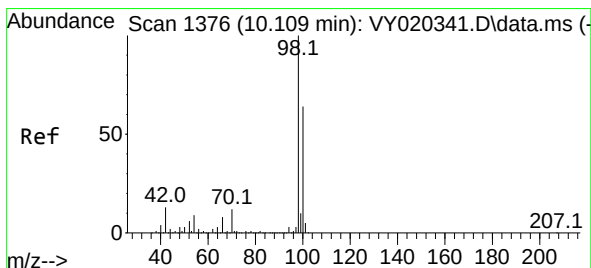
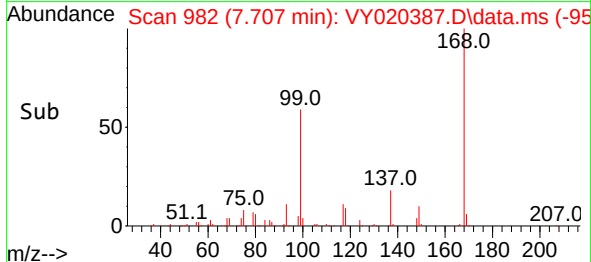
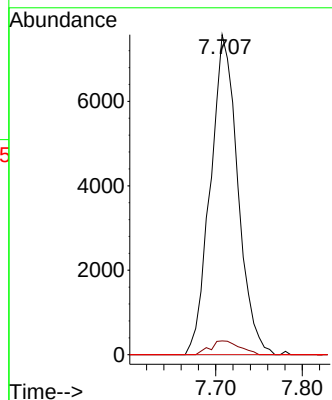


#38
Carbon Tetrachloride
Concen: 5.541 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020387.D
Acq: 21 Nov 2024 15:20

Instrument :
MSVOA_Y
ClientSampleId :

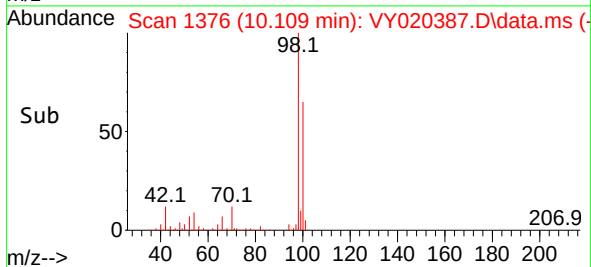
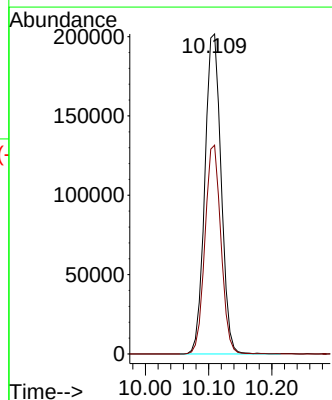
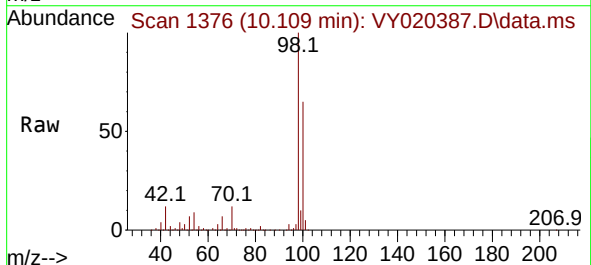


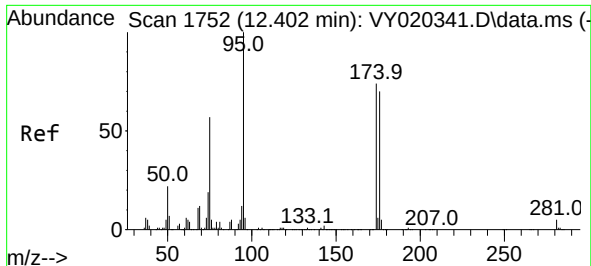
Tgt Ion:117 Resp: 16666
Ion Ratio Lower Upper
117 100
119 4.3 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.603 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020387.D
Acq: 21 Nov 2024 15:20

Tgt Ion: 98 Resp: 361114
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9

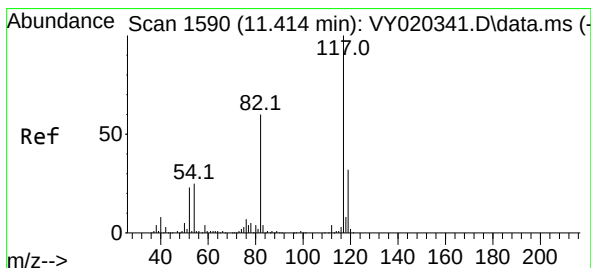
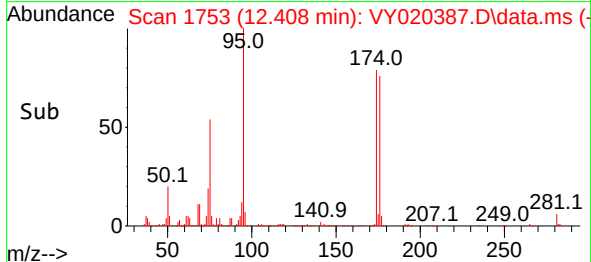
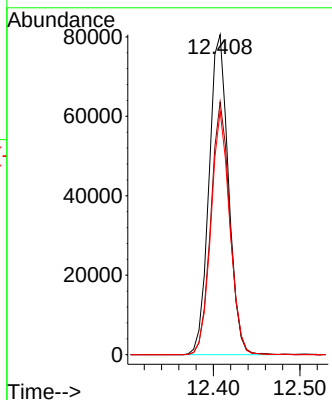
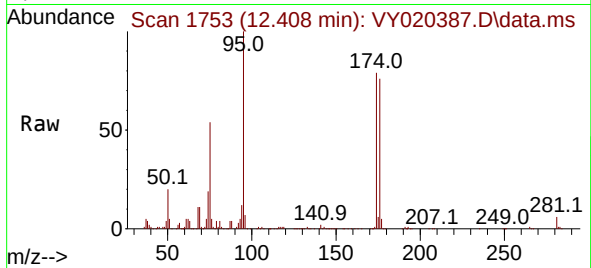




#62
4-Bromofluorobenzene
Concen: 52.591 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020387.D
Acq: 21 Nov 2024 15:20

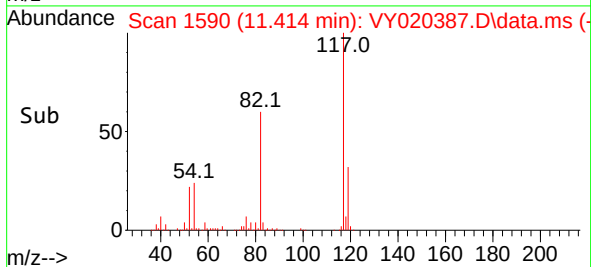
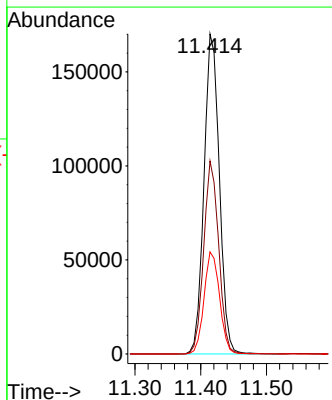
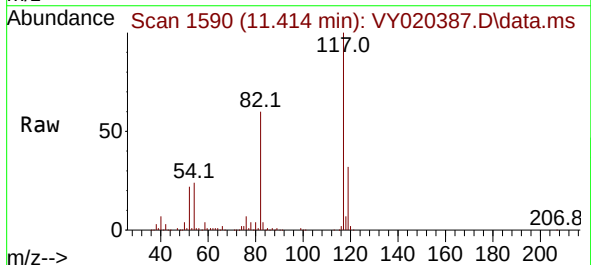
Instrument :
MSVOA_Y
ClientSampleId :

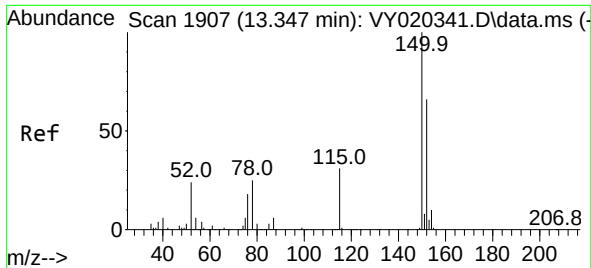
Tgt Ion: 95 Resp: 125610
Ion Ratio Lower Upper
95 100
174 77.0 0.0 156.8
176 73.6 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020387.D
Acq: 21 Nov 2024 15:20

Tgt Ion: 117 Resp: 276667
Ion Ratio Lower Upper
117 100
82 60.3 48.2 72.4
119 31.9 25.8 38.8

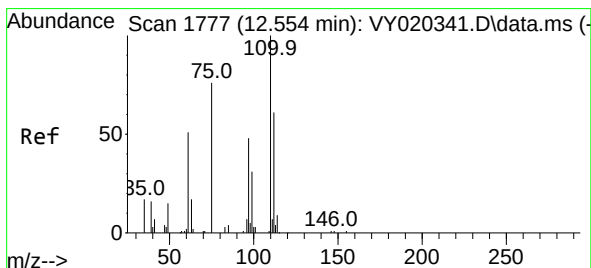
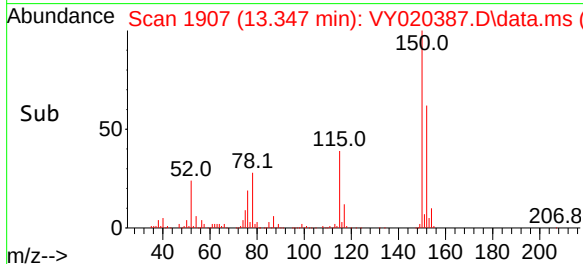
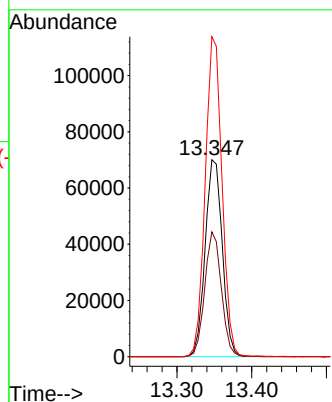
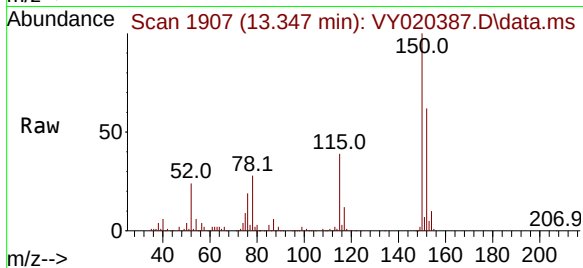




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020387.D
 Acq: 21 Nov 2024 15:20

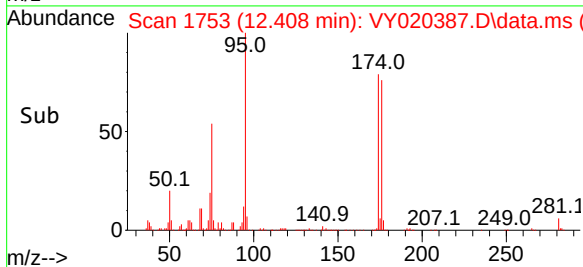
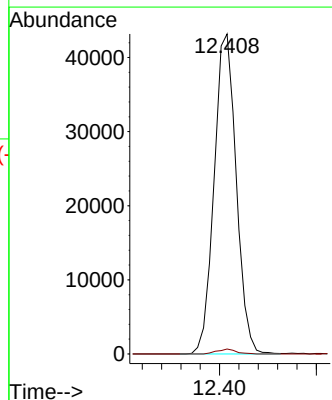
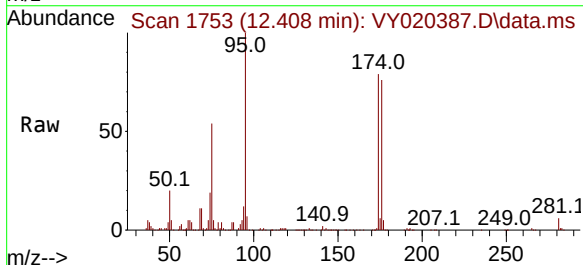
Instrument :
 MSVOA_Y
 ClientSampleId :

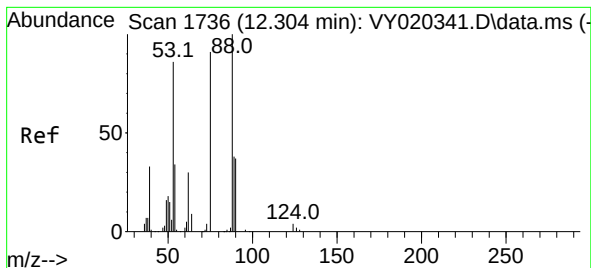
Tgt Ion:152 Resp: 111558
 Ion Ratio Lower Upper
 152 100
 115 61.3 30.0 90.0
 150 158.7 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 65.105 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY020387.D
 Acq: 21 Nov 2024 15:20

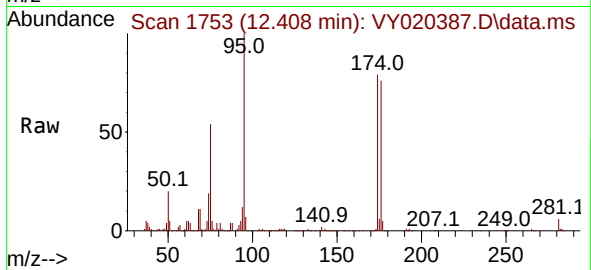
Tgt Ion: 75 Resp: 68456
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.571 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020387.D
 Acq: 21 Nov 2024 15:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 68456
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.0 35.1 52.7#

