

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020362.D
 Acq On : 20 Nov 2024 16:14
 Operator : SY/MD
 Sample : P4870-12
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:49:42 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)

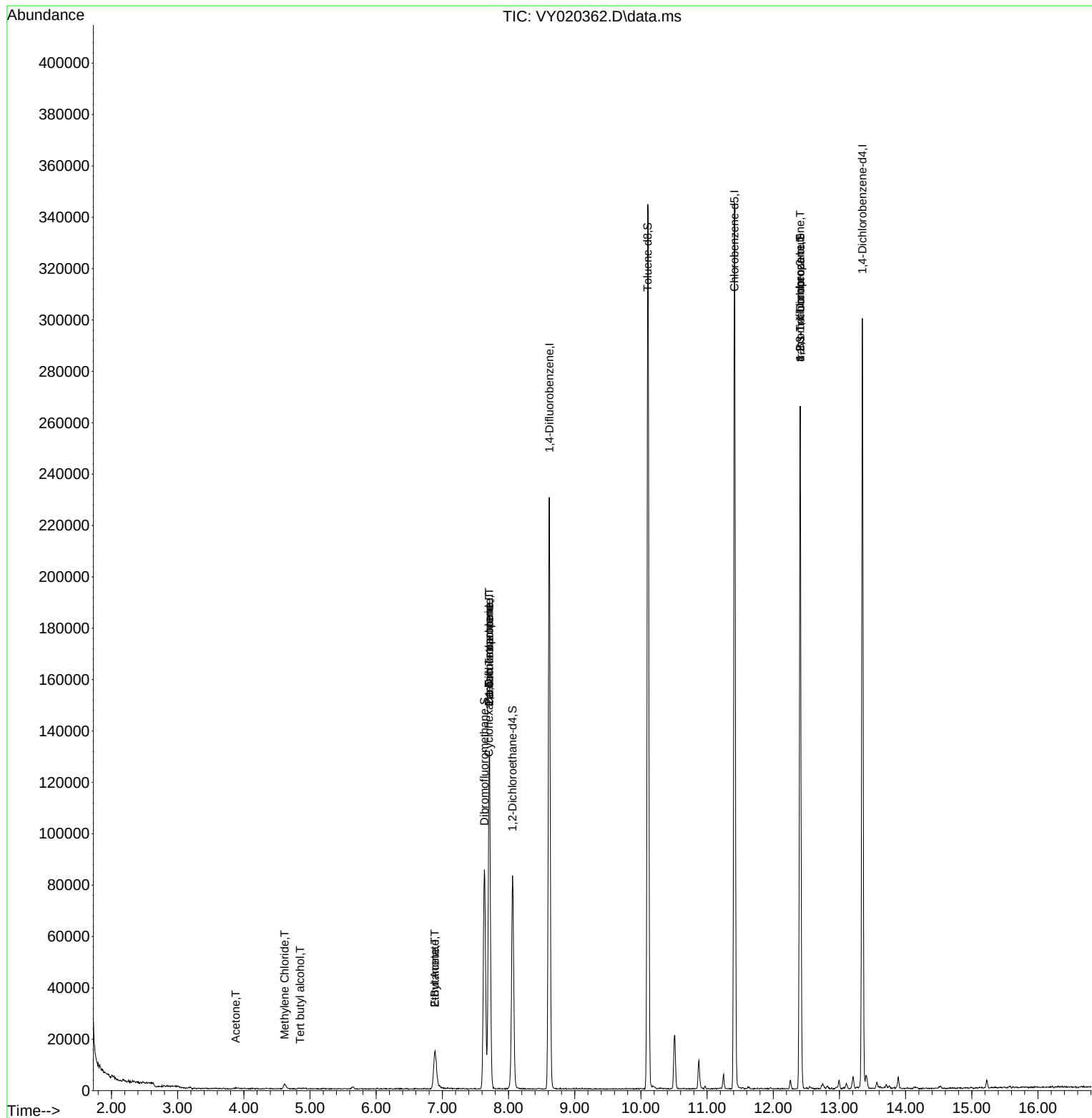
Internal Standards						
1) Pentafluorobenzene	7.707	168	96255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	185155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	172976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	69952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66410	60.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.100%	
35) Dibromofluoromethane	7.634	113	60612	51.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.100%	
50) Toluene-d8	10.103	98	224984	48.105	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.220%	
62) 4-Bromofluorobenzene	12.408	95	77314	51.424	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	63	Below Cal	#	41
11) Tert butyl alcohol	4.848	59	269	2.444	ug/l #	73
16) Acetone	3.879	43	1018	3.840	ug/l	94
20) Methylene Chloride	4.616	84	1264	1.126	ug/l #	80
25) 2-Butanone	6.884	43	910	2.666	ug/l #	50
31) Cyclohexane	7.701	56	2362	1.146	ug/l #	18
36) 1,1-Dichloropropene	7.707	75	8638	4.763	ug/l #	52
37) Ethyl Acetate	6.884	43	910	1.095	ug/l #	1
38) Carbon Tetrachloride	7.707	117	10657	5.629	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	43615	66.152	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	43615	129.621	ug/l #	9

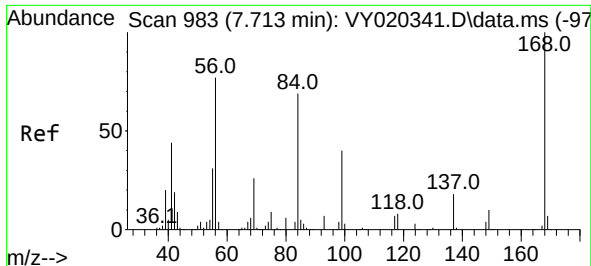
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
Data File : VY020362.D
Acq On : 20 Nov 2024 16:14
Operator : SY/MD
Sample : P4870-12
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 21 00:49:42 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

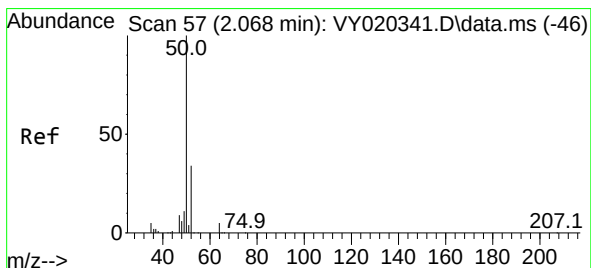
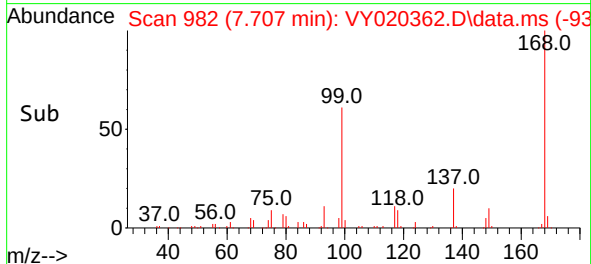
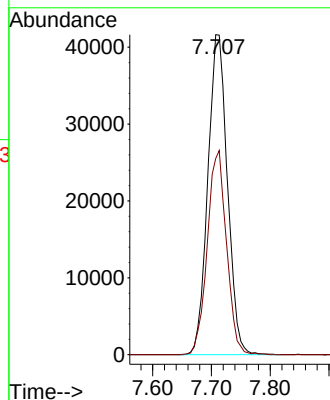
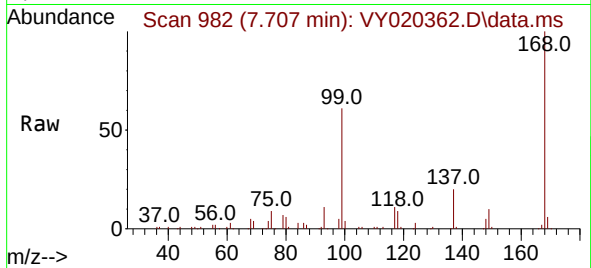




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

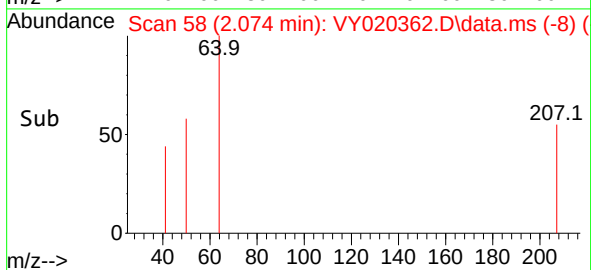
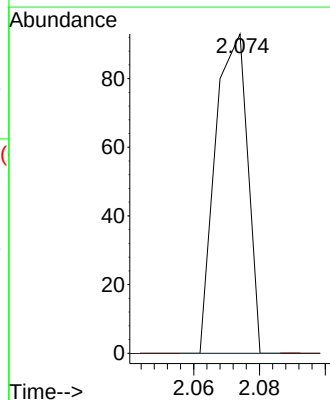
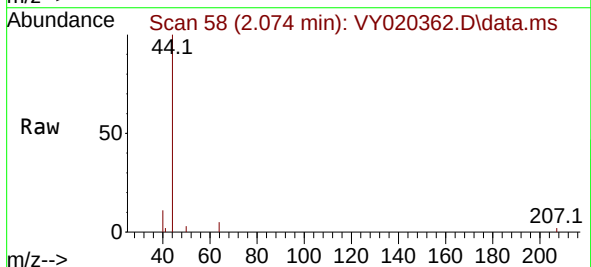
Instrument :
MSVOA_Y
ClientSampleId :

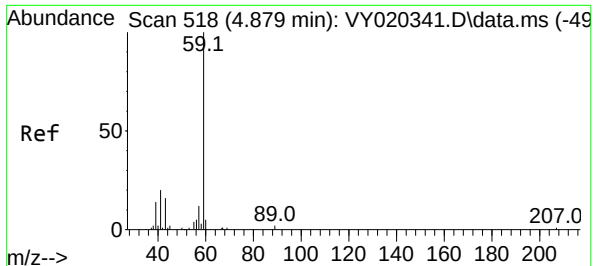
Tgt Ion:168 Resp: 96255
Ion Ratio Lower Upper
168 100
99 61.3 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

Tgt Ion: 50 Resp: 63
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#11

Tert butyl alcohol

Concen: 2.444 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.031 min

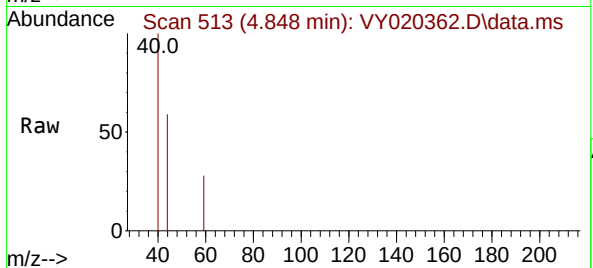
Lab File: VY020362.D

Acq: 20 Nov 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

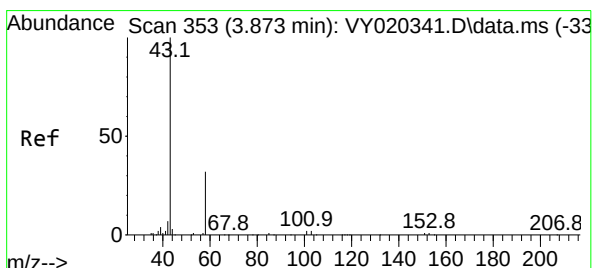
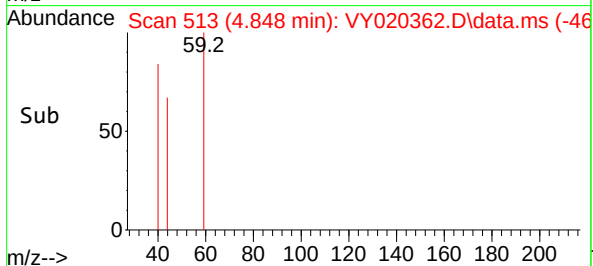
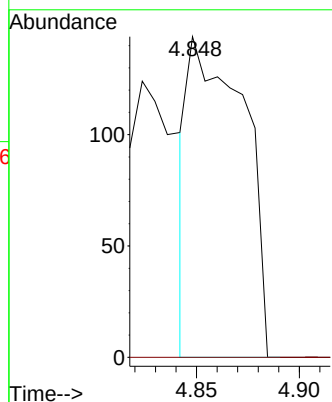


Tgt Ion: 59 Resp: 269

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 3.840 ug/l

RT: 3.879 min Scan# 354

Delta R.T. 0.006 min

Lab File: VY020362.D

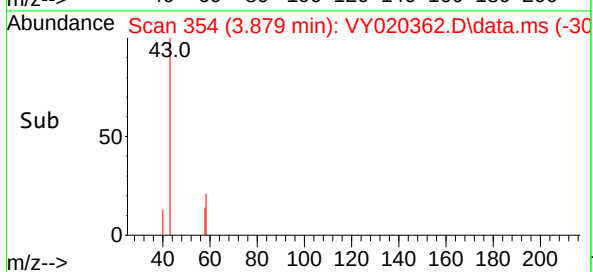
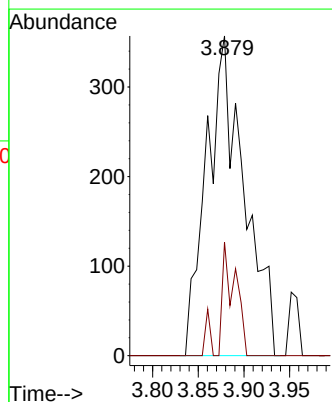
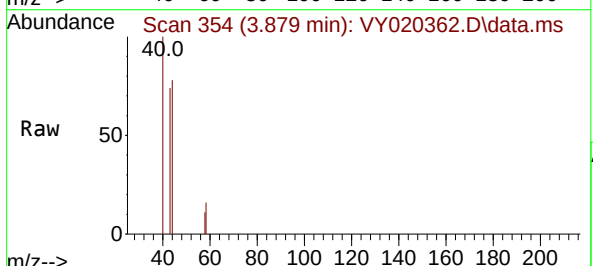
Acq: 20 Nov 2024 16:14

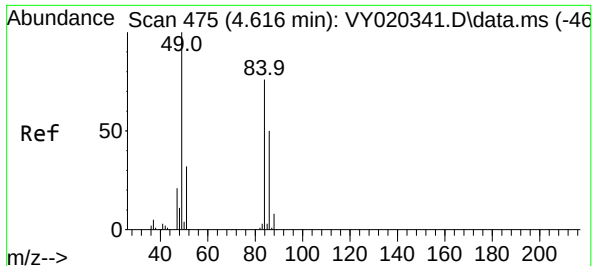
Tgt Ion: 43 Resp: 1018

Ion Ratio Lower Upper

43 100

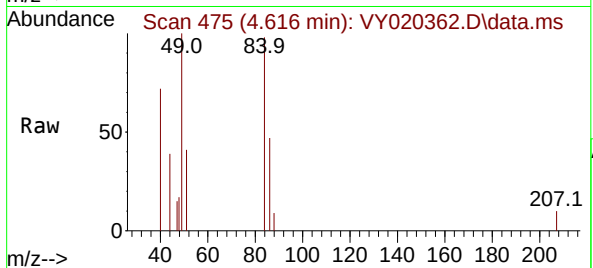
58 35.6 25.7 38.5



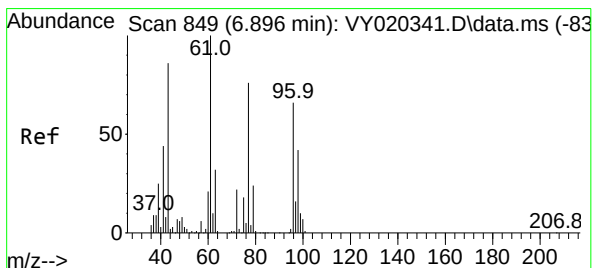
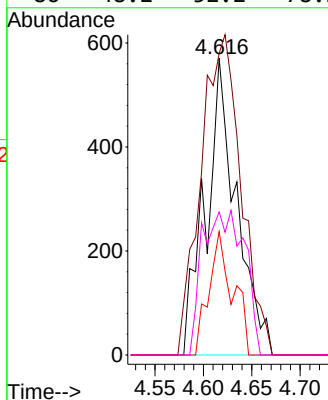
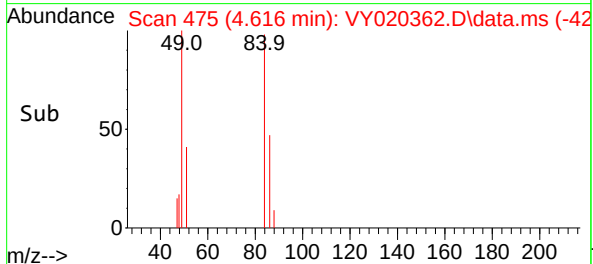


#20
Methylene Chloride
Concen: 1.126 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

Instrument :
MSVOA_Y
ClientSampleId :

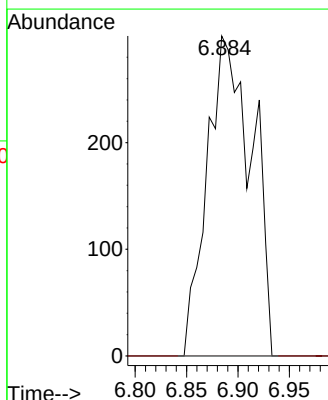
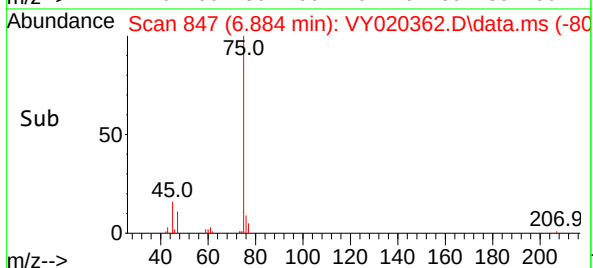
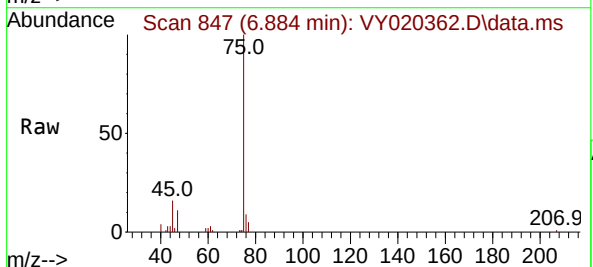


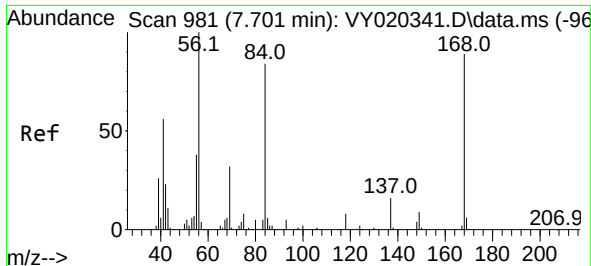
Tgt Ion: 84 Resp: 1264
Ion Ratio Lower Upper
84 100
49 101.6 104.7 157.1#
51 41.5 33.4 50.0
86 48.2 52.2 78.2#



#25
2-Butanone
Concen: 2.666 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

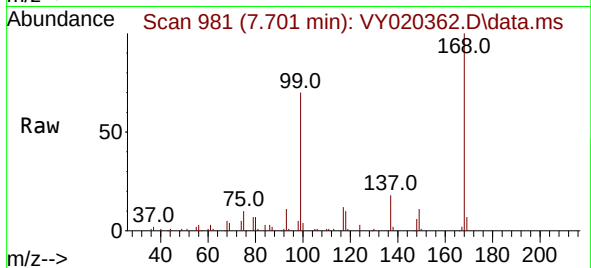
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



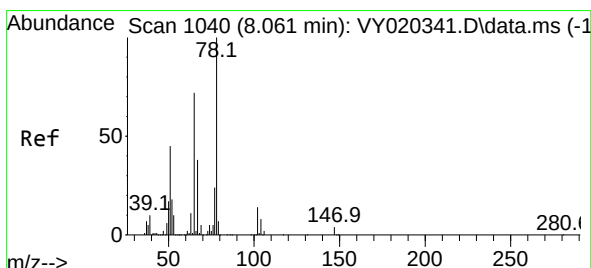
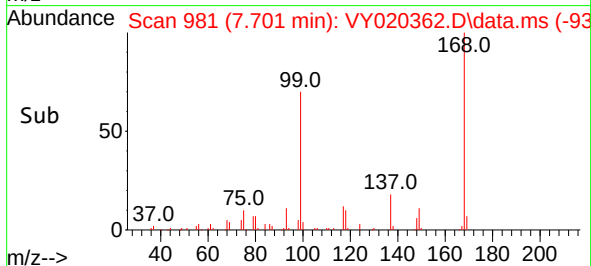
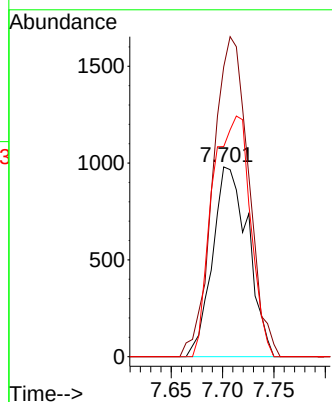


#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

Instrument :
MSVOA_Y
ClientSampleId :

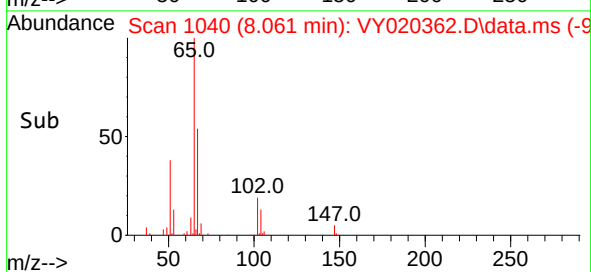
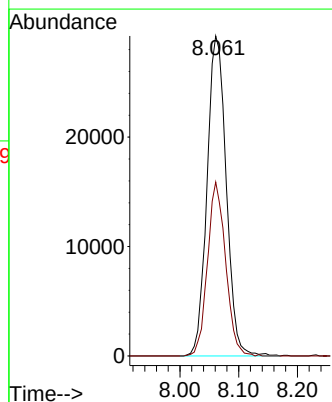
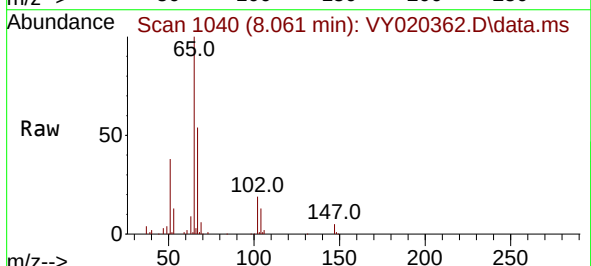


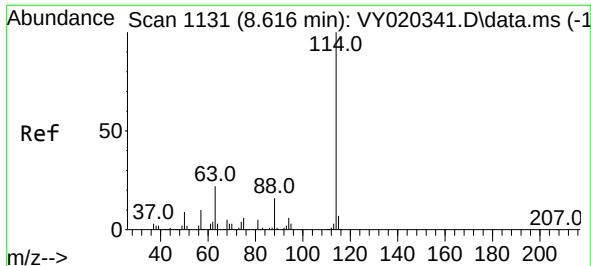
Tgt Ion: 56 Resp: 2362
Ion Ratio Lower Upper
56 100
69 152.9 25.3 37.9#
84 110.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 60.053 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

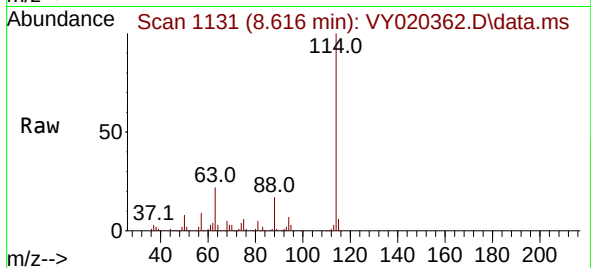
Tgt Ion: 65 Resp: 66410
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.8



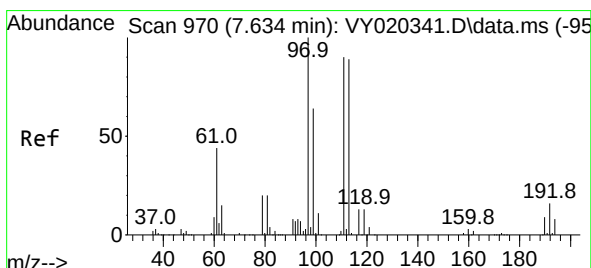
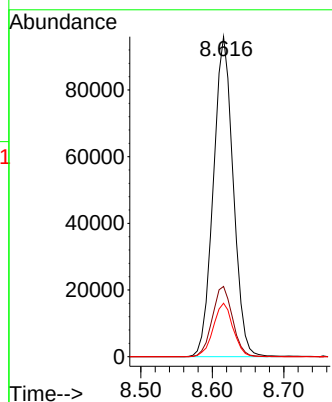
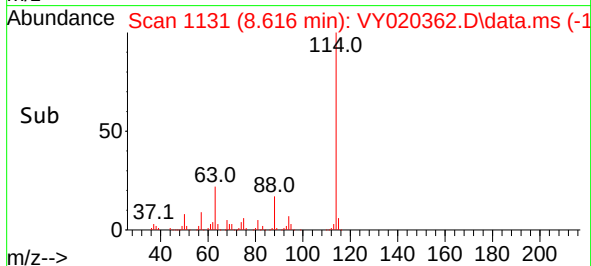


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

Instrument :
MSVOA_Y
ClientSampleId :

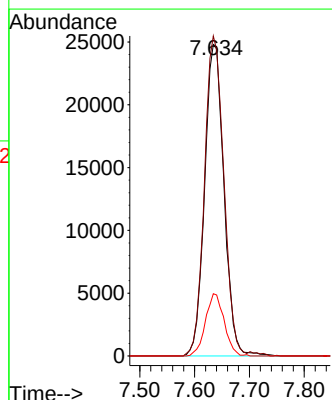
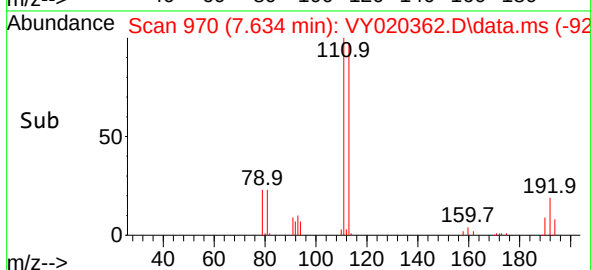
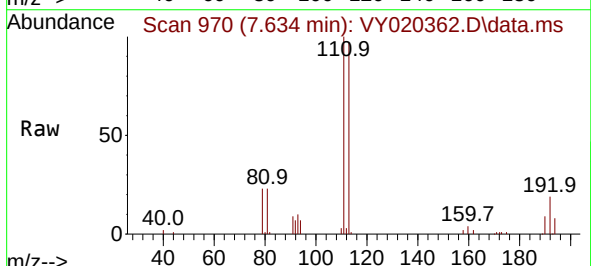


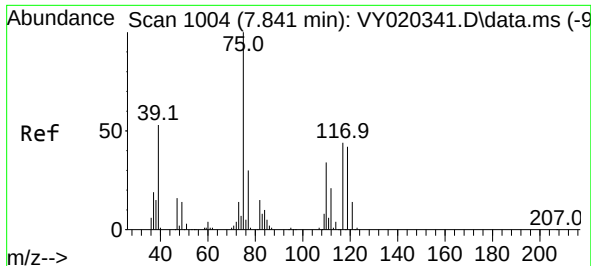
Tgt Ion:114 Resp: 185155
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.8
88 16.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.052 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

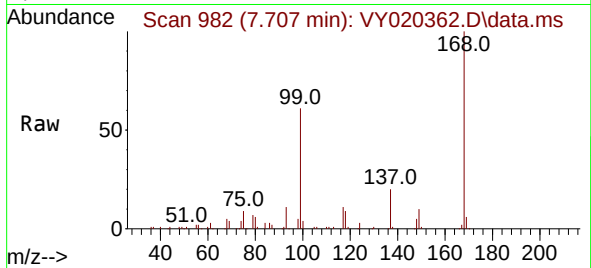
Tgt Ion:113 Resp: 60612
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 19.4 15.1 22.7



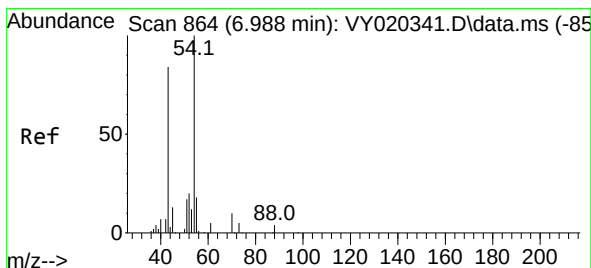
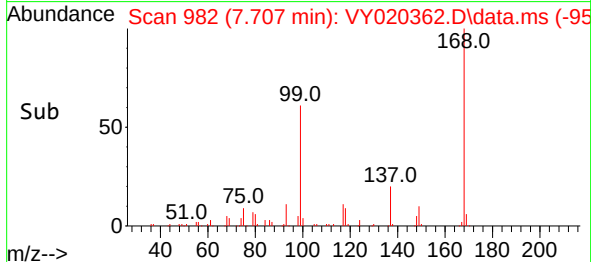
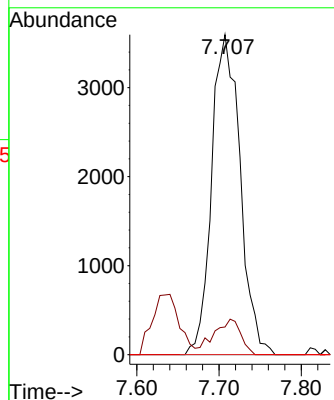


#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 7.707 min Scan# 910
Delta R.T. -0.134 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

Instrument :
MSVOA_Y
ClientSampleId :

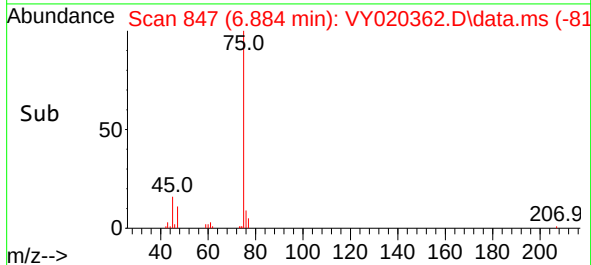
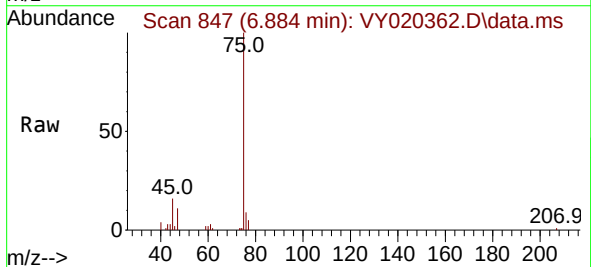
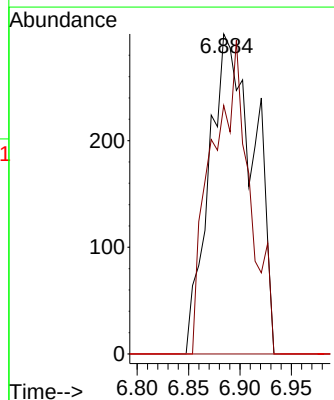


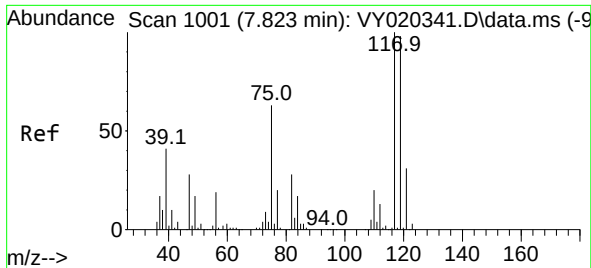
Tgt Ion: 75 Resp: 8638
Ion Ratio Lower Upper
75 100
110 10.5 16.7 50.0#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 1.095 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.104 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

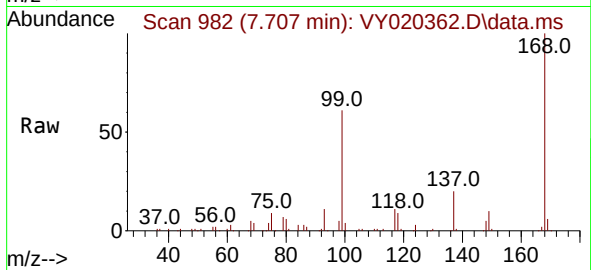
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
61 82.2 10.7 16.1#
70 0.0 7.3 10.9#



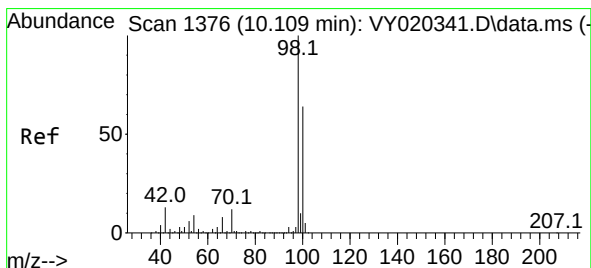
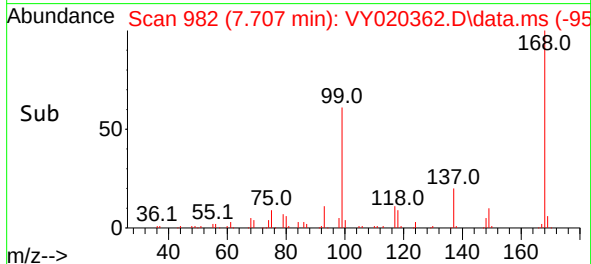
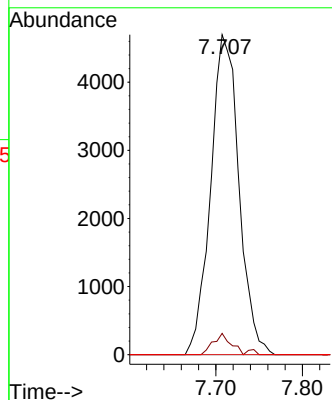


#38
Carbon Tetrachloride
Concen: 5.629 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

Instrument :
MSVOA_Y
ClientSampleId :

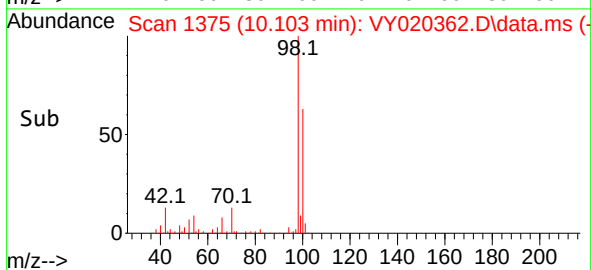
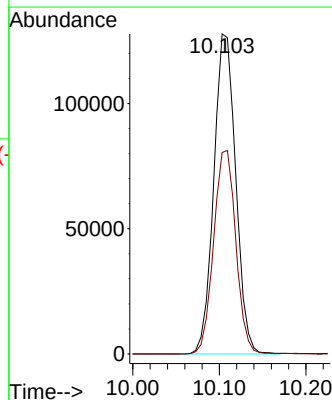
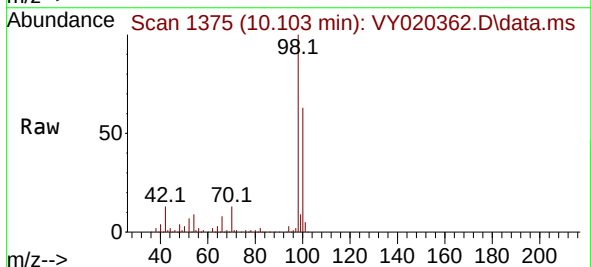


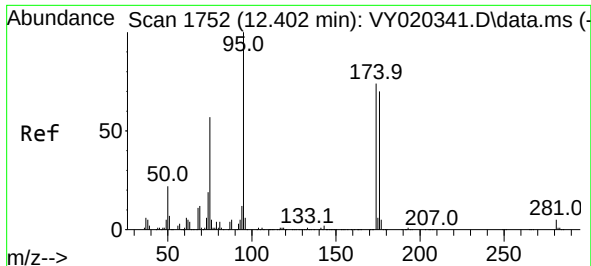
Tgt Ion:117 Resp: 10657
Ion Ratio Lower Upper
117 100
119 6.6 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.105 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

Tgt Ion: 98 Resp: 224984
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9

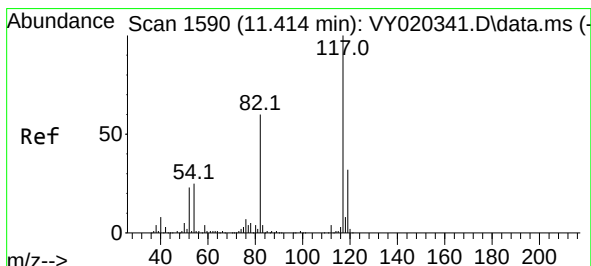
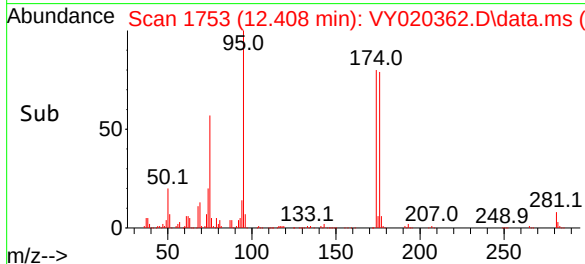
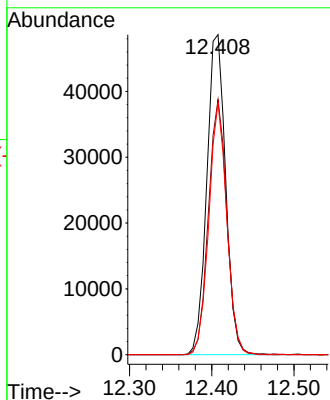
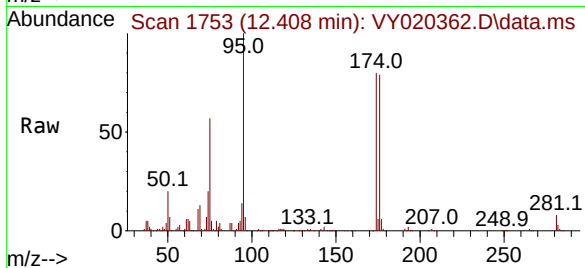




#62
4-Bromofluorobenzene
Concen: 51.424 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

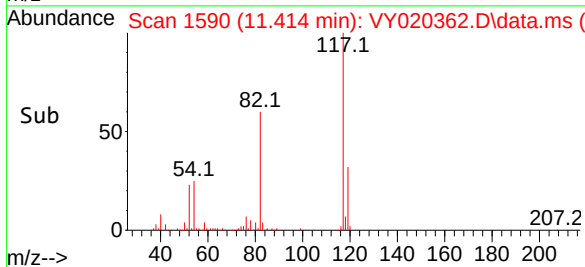
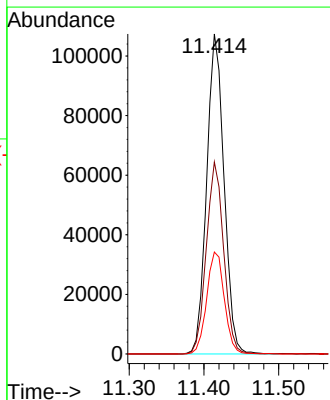
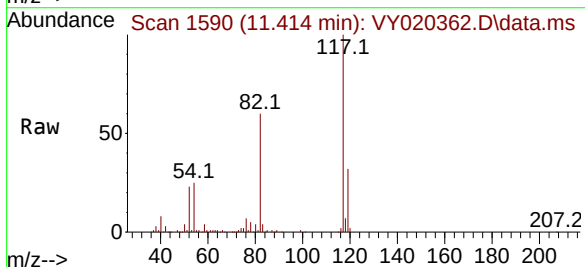
Instrument :
MSVOA_Y
ClientSampleId :

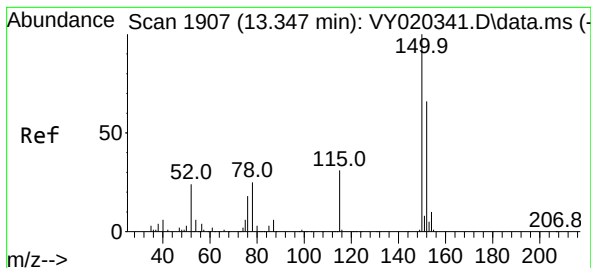
Tgt Ion: 95 Resp: 77314
Ion Ratio Lower Upper
95 100
174 77.9 0.0 156.8
176 74.8 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

Tgt Ion: 117 Resp: 172976
Ion Ratio Lower Upper
117 100
82 60.0 48.2 72.4
119 31.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020362.D

Acq: 20 Nov 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

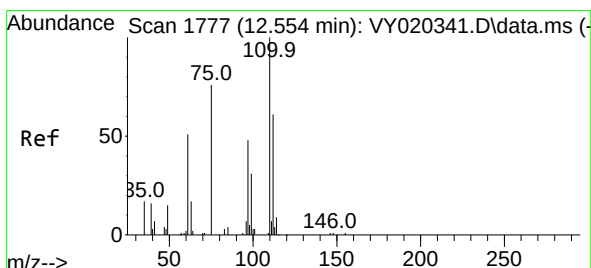
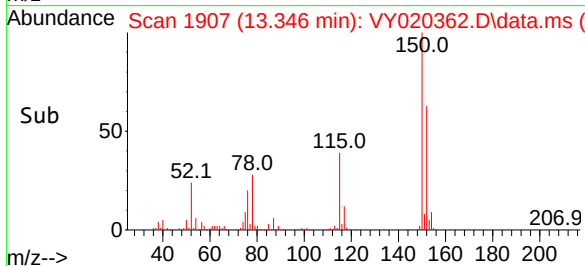
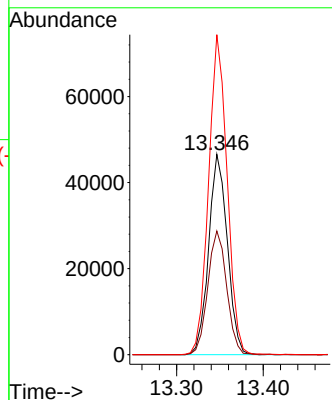
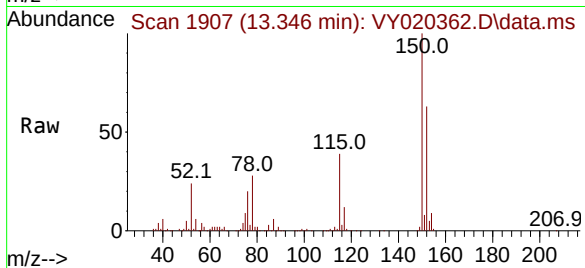
Tgt Ion:152 Resp: 69952

Ion Ratio Lower Upper

152 100

115 62.2 30.0 90.0

150 158.0 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 66.152 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020362.D

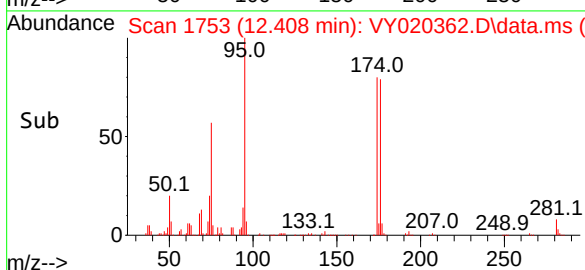
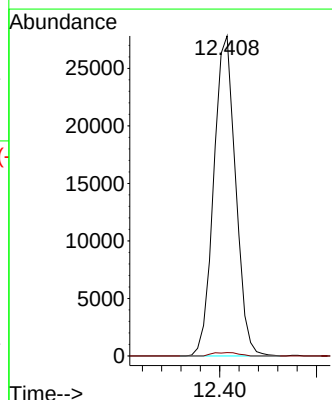
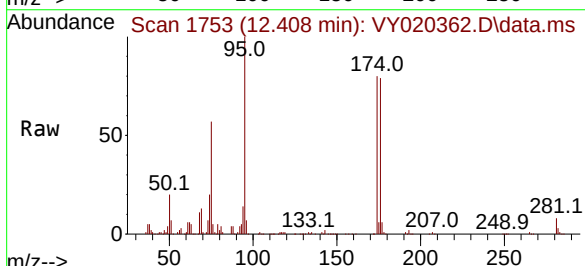
Acq: 20 Nov 2024 16:14

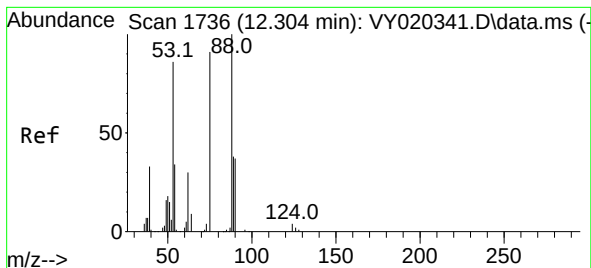
Tgt Ion: 75 Resp: 43615

Ion Ratio Lower Upper

75 100

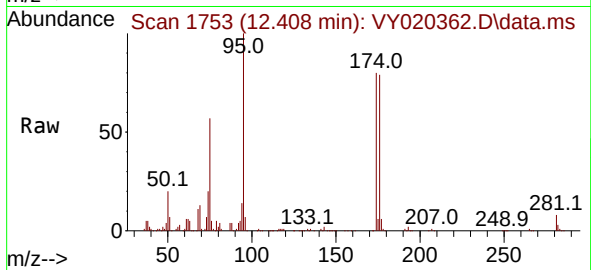
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.621 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020362.D
 Acq: 20 Nov 2024 16:14

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 43615
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.1 35.1 52.7#

