

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020361.D
 Acq On : 20 Nov 2024 15:51
 Operator : SY/MD
 Sample : P4870-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:49:20 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)

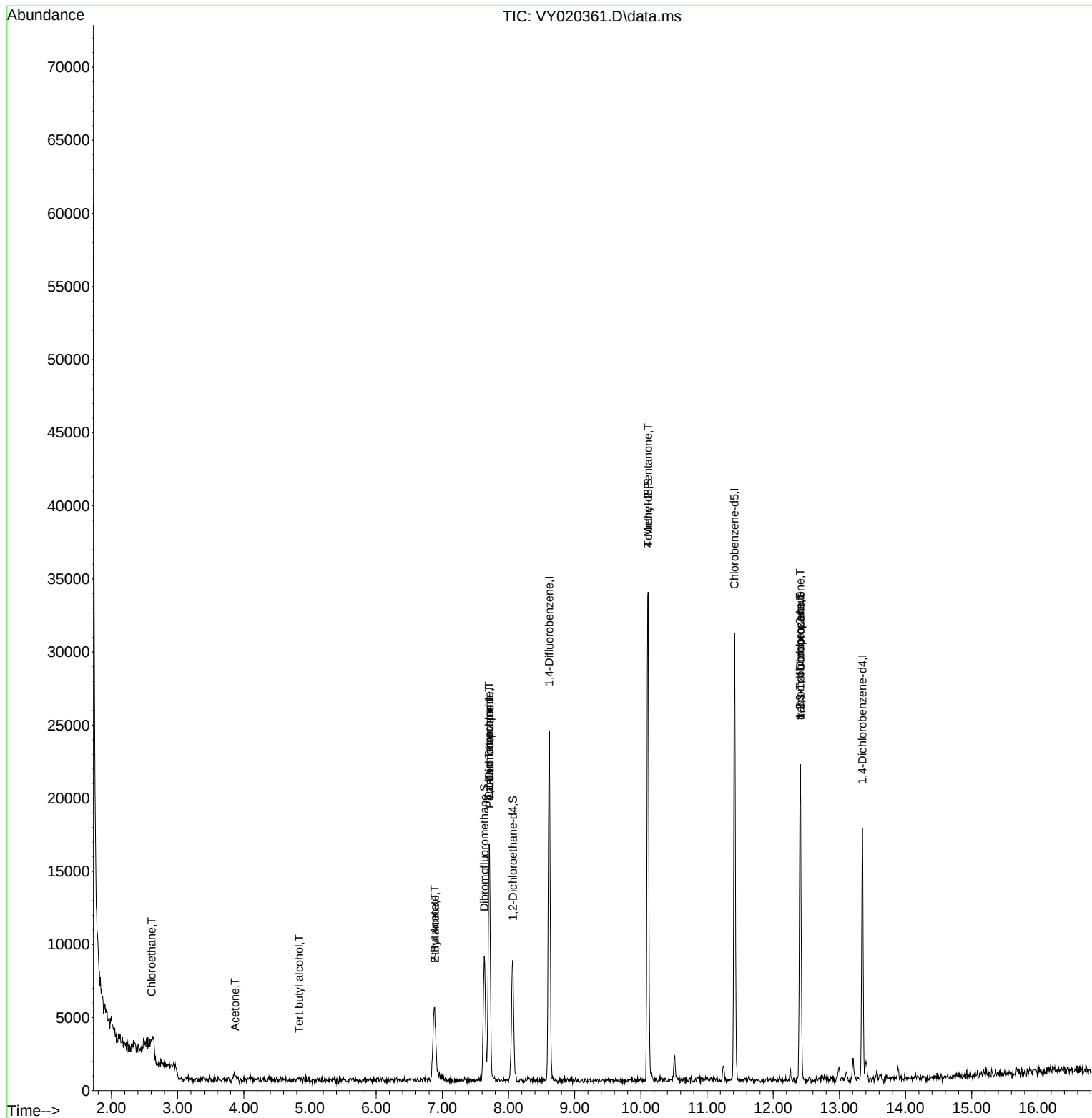
Internal Standards						
1) Pentafluorobenzene	7.713	168	12090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	20382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	15896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	4206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	7114	51.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.440%	
35) Dibromofluoromethane	7.634	113	6309	48.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.540%	
50) Toluene-d8	10.109	98	22496	43.695	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.400%	
62) 4-Bromofluorobenzene	12.408	95	6071	36.682	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 73.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.983	50	20	Below Cal	#	41
6) Chloroethane	2.604	64	267	2.843	ug/l #	43
11) Tert butyl alcohol	4.836	59	27	1.834	ug/l #	73
16) Acetone	3.866	43	574	17.238	ug/l	93
25) 2-Butanone	6.884	43	282	6.578	ug/l #	50
36) 1,1-Dichloropropene	7.707	75	1202	6.021	ug/l #	47
37) Ethyl Acetate	6.884	43	282	3.084	ug/l #	34
38) Carbon Tetrachloride	7.707	117	1439	6.904	ug/l #	11
51) 4-Methyl-2-Pentanone	10.109	43	96	1.064	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	3232	81.528	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	3232	159.750	ug/l #	9

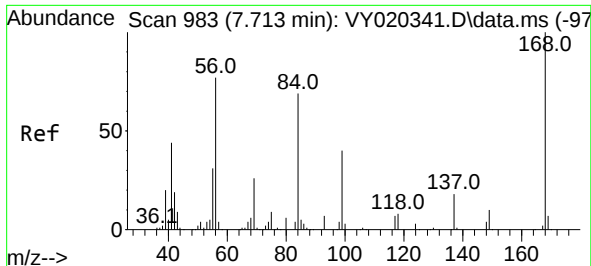
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
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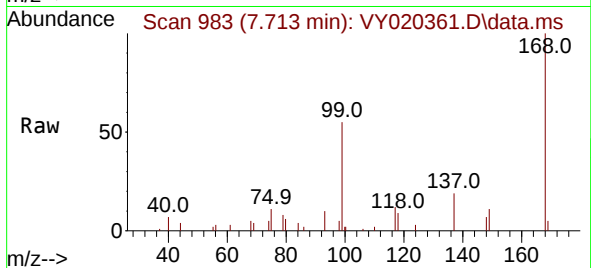
Quant Time: Nov 21 00:49:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration



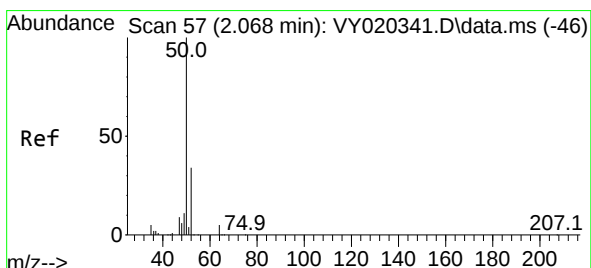
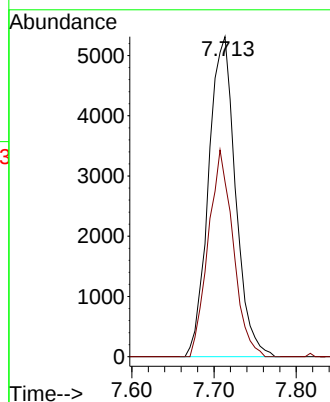
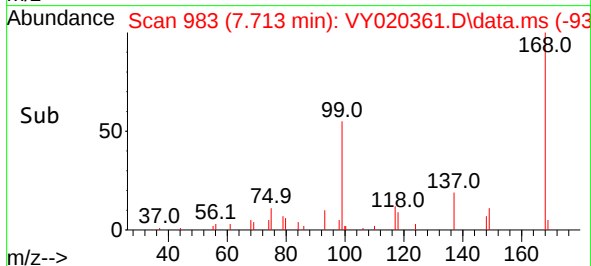


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :

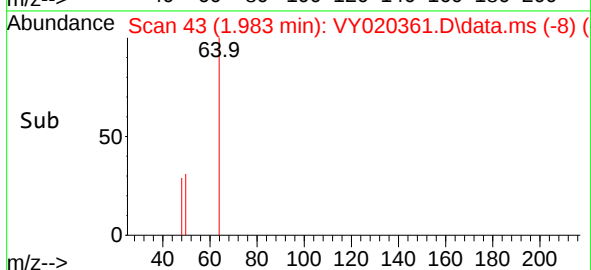
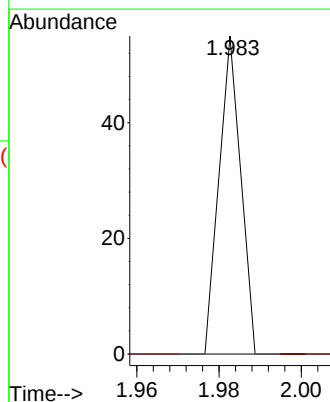
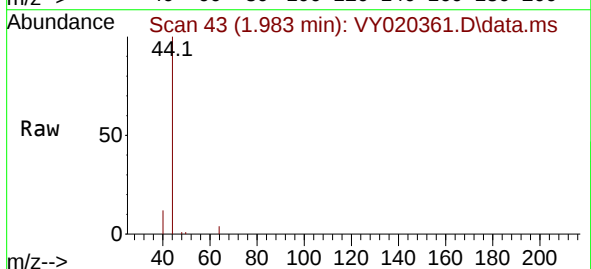


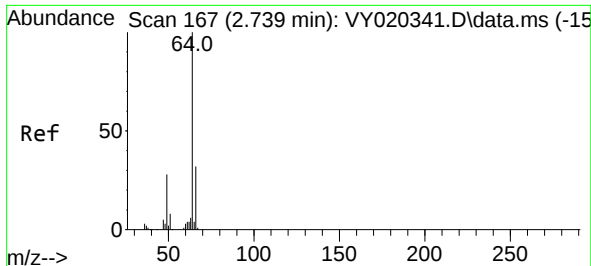
Tgt Ion:168 Resp: 12090
Ion Ratio Lower Upper
168 100
99 54.7 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 1.983 min Scan# 43
Delta R.T. -0.085 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

Tgt Ion: 50 Resp: 20
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

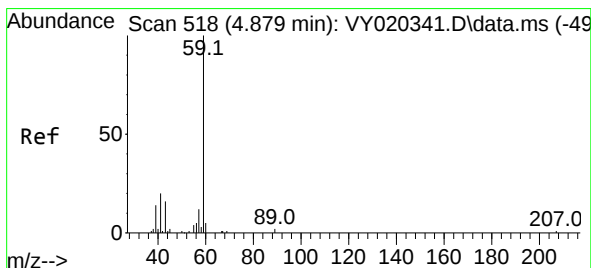
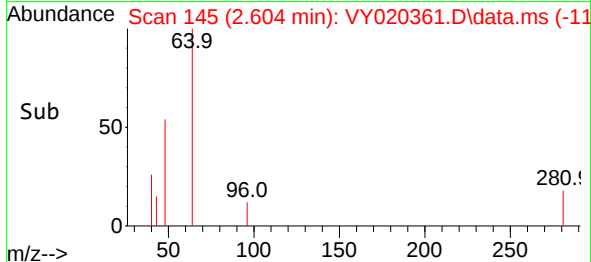
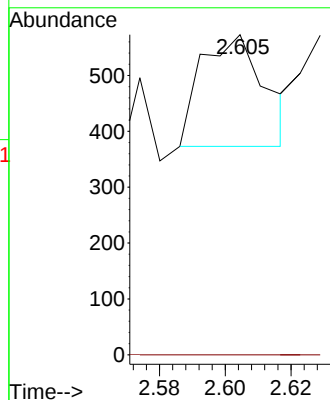
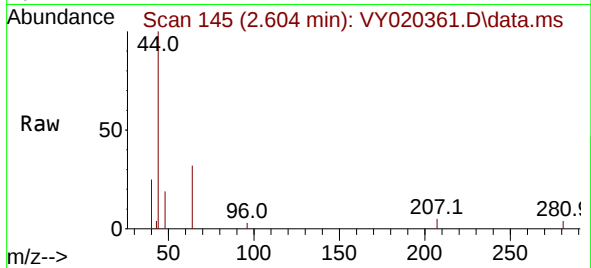




#6
Chloroethane
Concen: 2.843 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.134 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

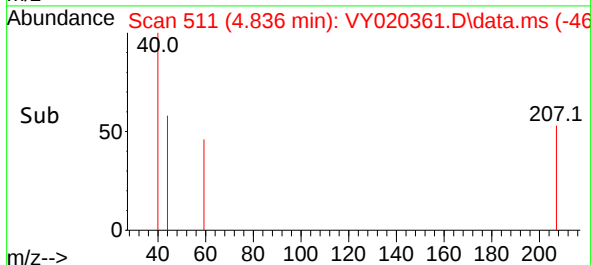
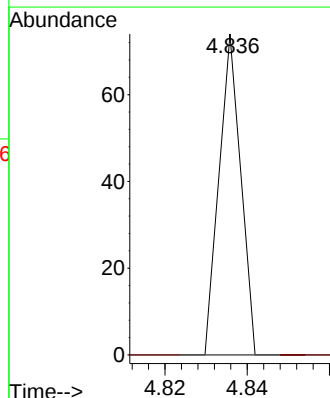
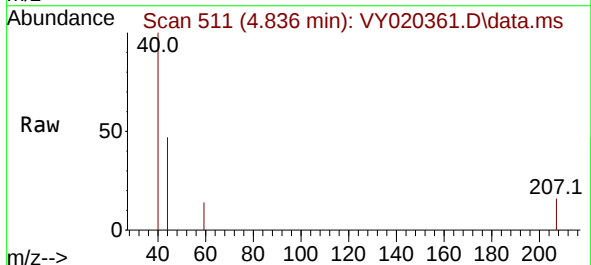
Instrument :
MSVOA_Y
ClientSampleId :

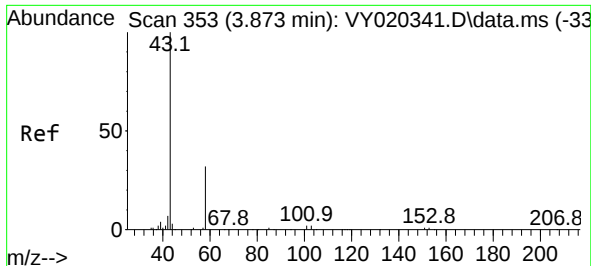
Tgt Ion: 64 Resp: 267
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#11
Tert butyl alcohol
Concen: 1.834 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.043 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

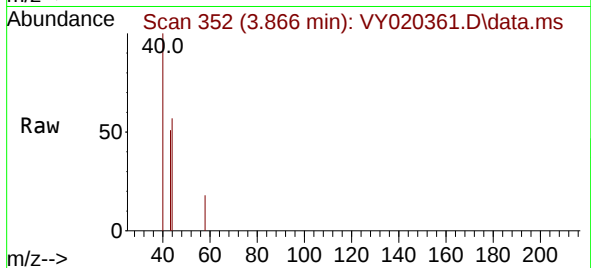
Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



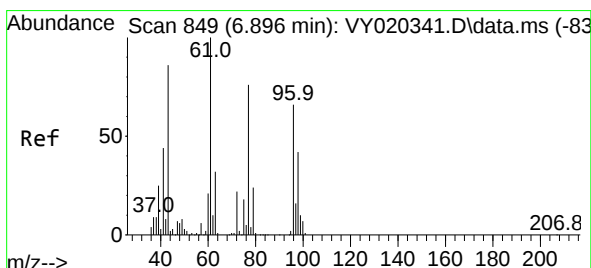
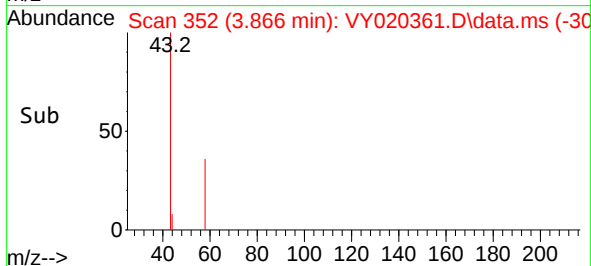
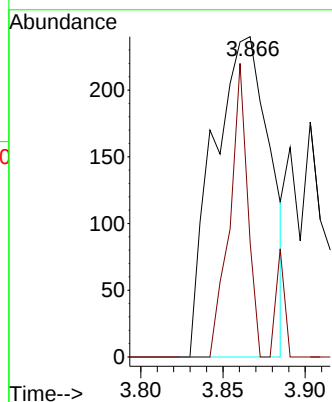


#16
Acetone
Concen: 17.238 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :

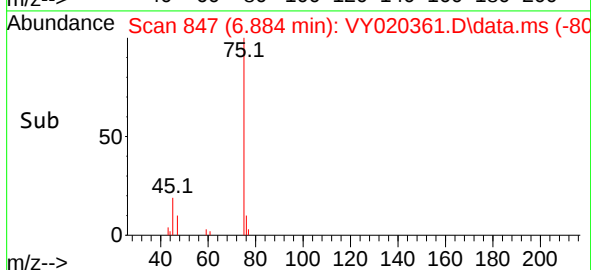
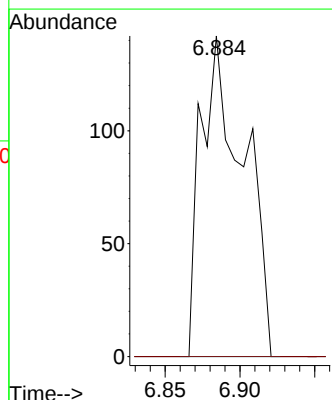
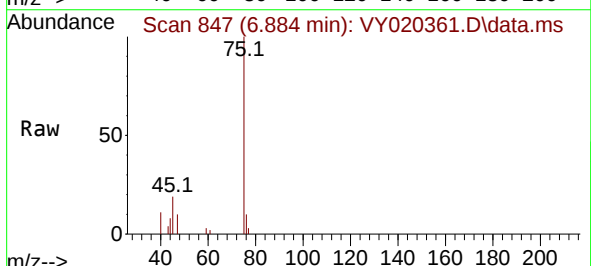


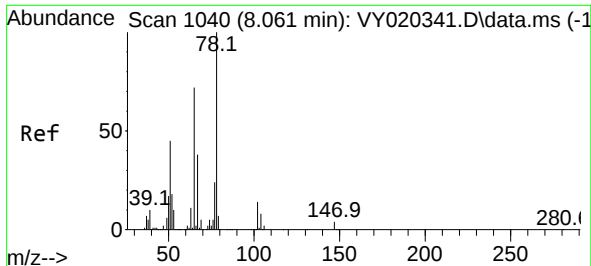
Tgt Ion: 43 Resp: 574
Ion Ratio Lower Upper
43 100
58 35.8 25.7 38.5



#25
2-Butanone
Concen: 6.578 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#





#33

1,2-Dichloroethane-d4

Concen: 51.217 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY020361.D

Acq: 20 Nov 2024 15:51

Instrument :

MSVOA_Y

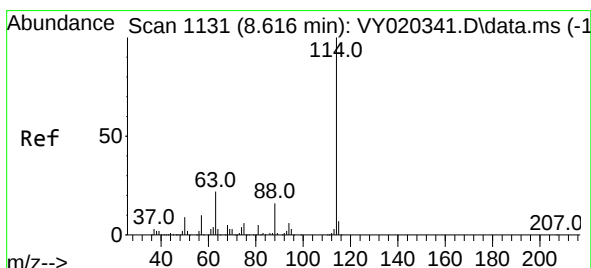
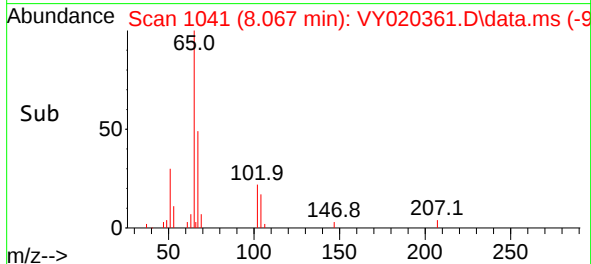
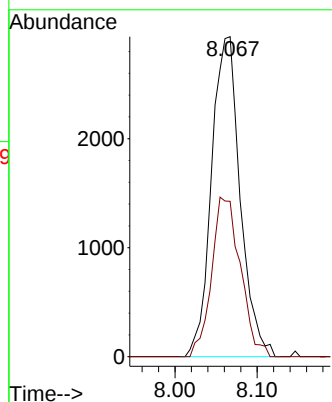
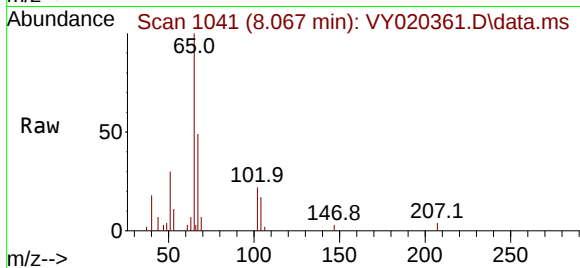
ClientSampleId :

Tgt Ion: 65 Resp: 7114

Ion Ratio Lower Upper

65 100

67 50.1 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: VY020361.D

Acq: 20 Nov 2024 15:51

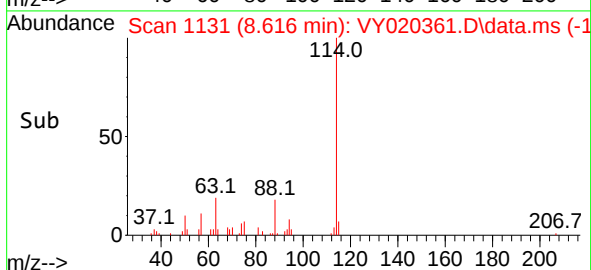
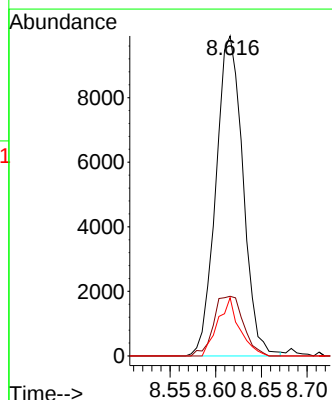
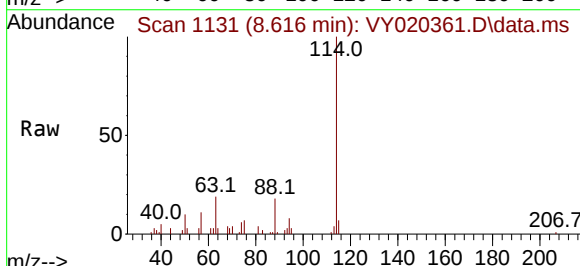
Tgt Ion: 114 Resp: 20382

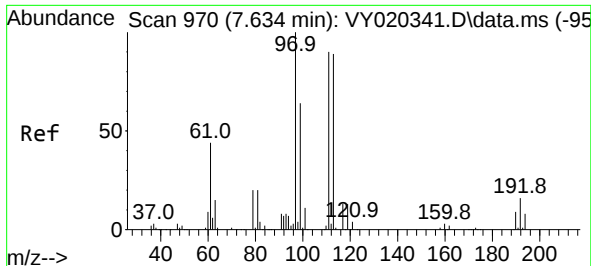
Ion Ratio Lower Upper

114 100

63 18.7 0.0 44.8

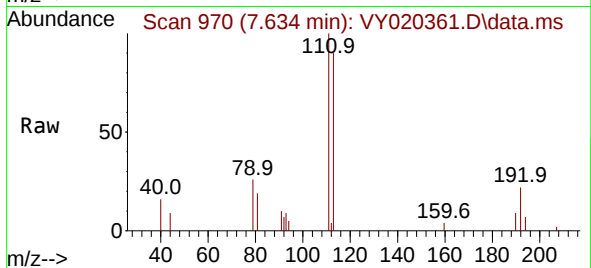
88 18.2 0.0 32.0



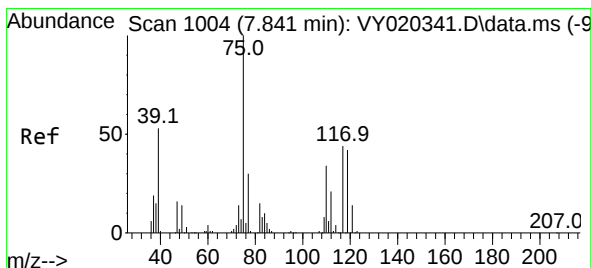
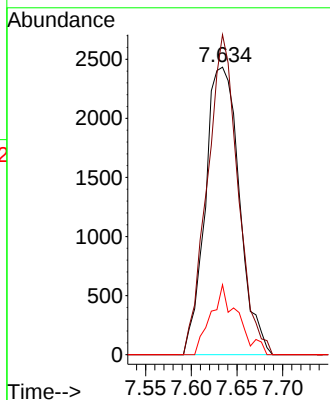
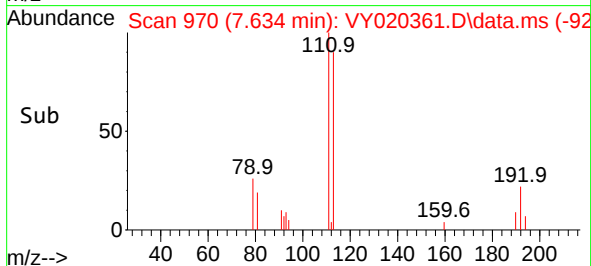


#35
Dibromofluoromethane
Concen: 48.273 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

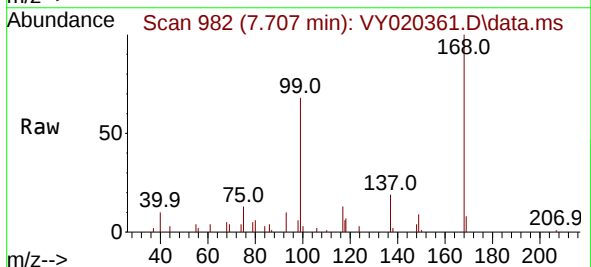
Instrument :
MSVOA_Y
ClientSampleId :



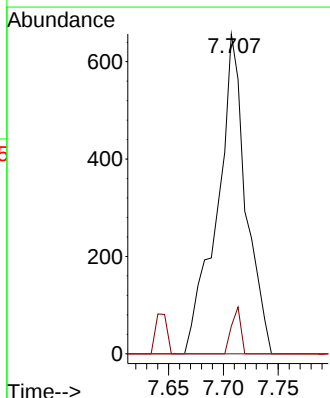
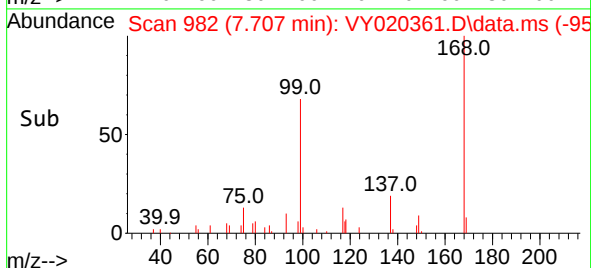
Tgt Ion:113 Resp: 6309
Ion Ratio Lower Upper
113 100
111 100.0 81.4 122.0
192 19.5 15.1 22.7

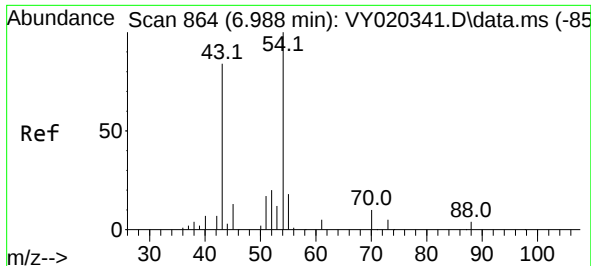


#36
1,1-Dichloropropene
Concen: 6.021 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51



Tgt Ion: 75 Resp: 1202
Ion Ratio Lower Upper
75 100
110 4.7 16.7 50.0#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 3.084 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.104 min

Lab File: VY020361.D

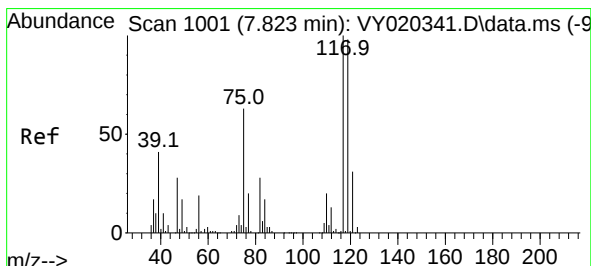
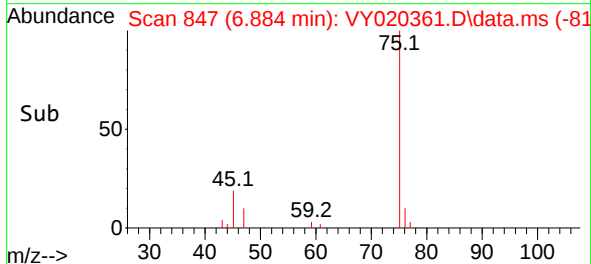
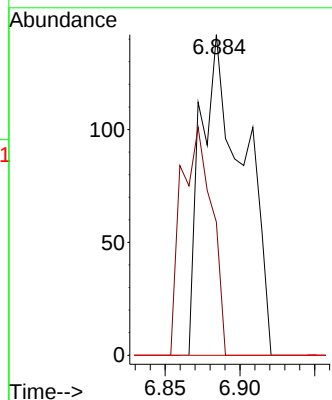
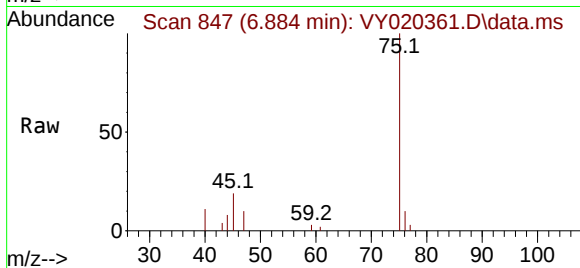
Acq: 20 Nov 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 282
Ion Ratio	Lower Upper
43 100	
61 50.7	10.7 16.1#
70 0.0	7.3 10.9#



#38

Carbon Tetrachloride

Concen: 6.904 ug/l

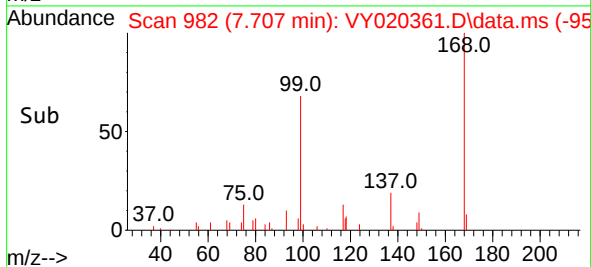
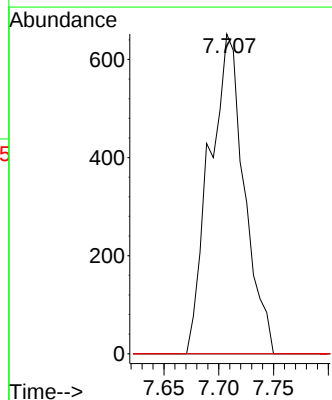
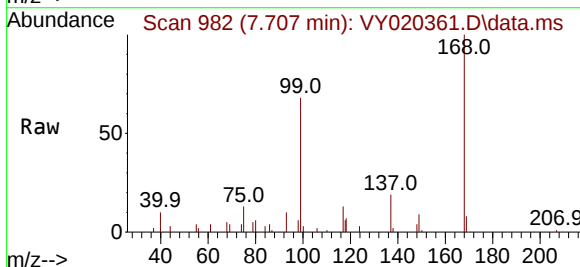
RT: 7.707 min Scan# 982

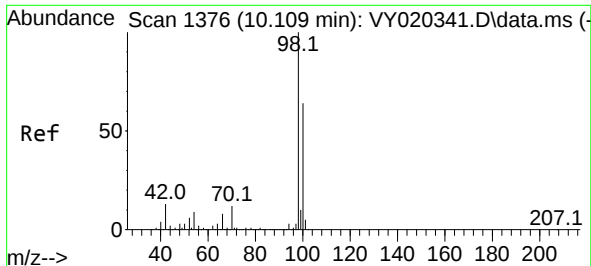
Delta R.T. -0.116 min

Lab File: VY020361.D

Acq: 20 Nov 2024 15:51

Tgt Ion: 117	Resp: 1439
Ion Ratio	Lower Upper
117 100	
119 0.0	77.8 116.6#
121 0.0	24.6 37.0#

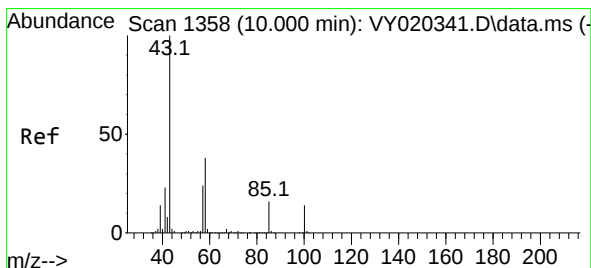
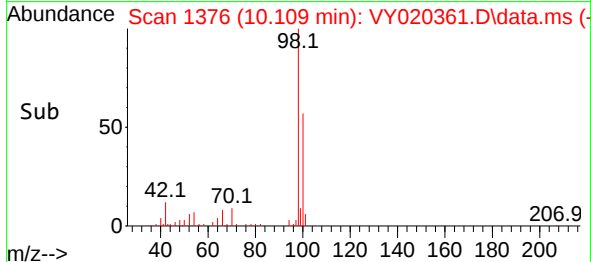
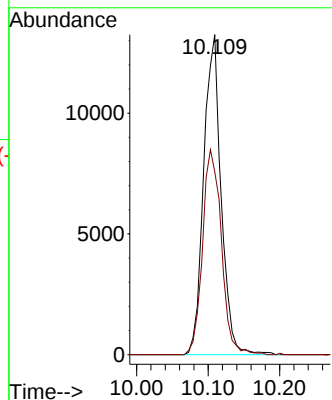
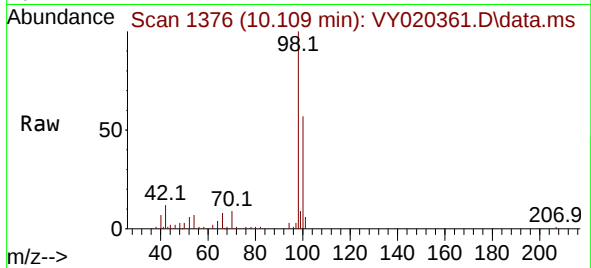




#50
Toluene-d8
Concen: 43.695 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

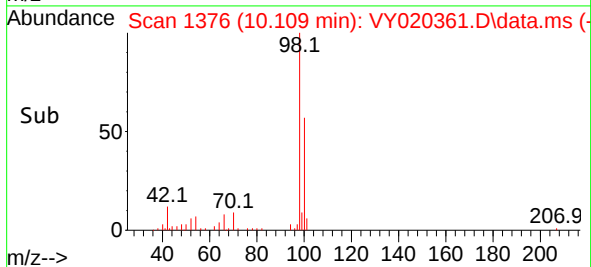
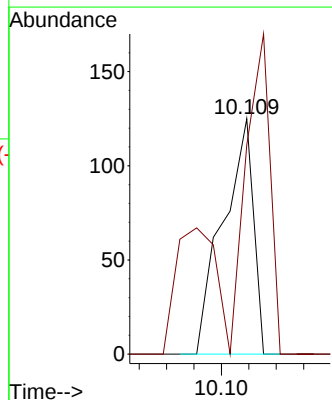
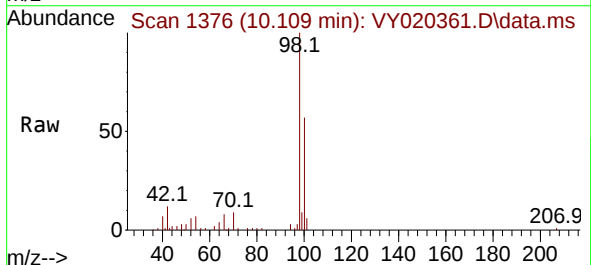
Instrument :
MSVOA_Y
ClientSampleId :

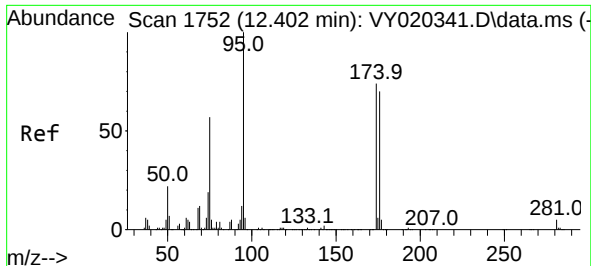
Tgt Ion: 98 Resp: 22496
Ion Ratio Lower Upper
98 100
100 69.0 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.064 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.110 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

Tgt Ion: 43 Resp: 96
Ion Ratio Lower Upper
43 100
58 107.3 30.9 46.3#

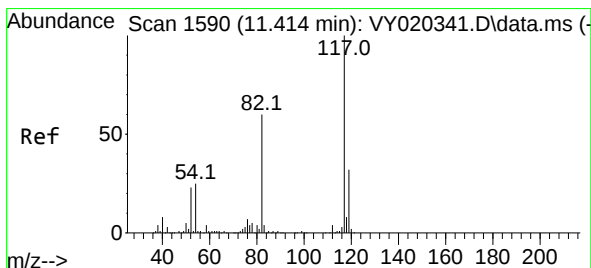
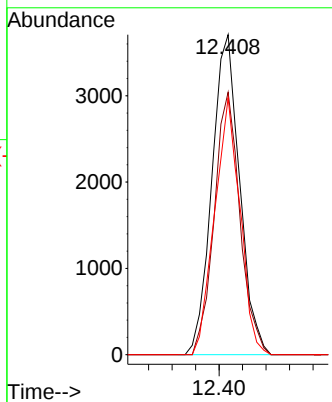
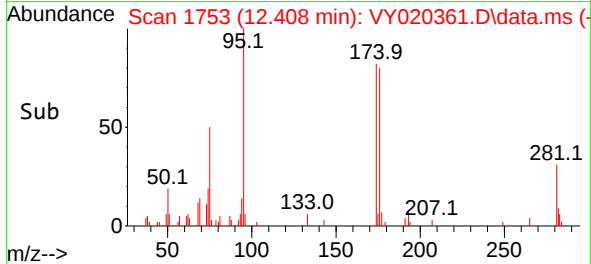
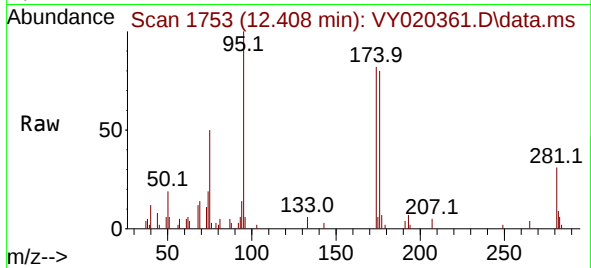




#62
4-Bromofluorobenzene
Concen: 36.682 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

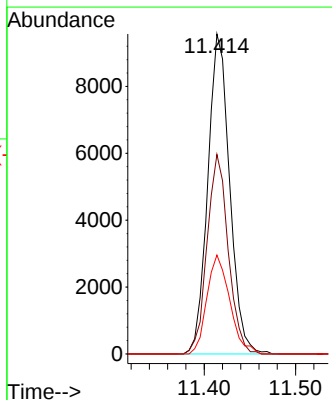
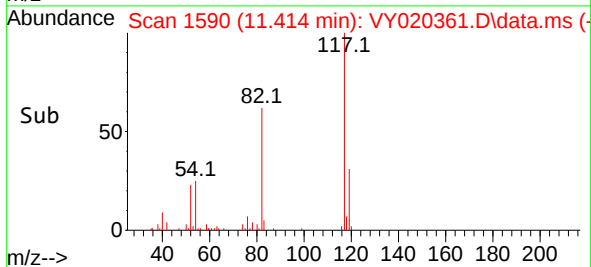
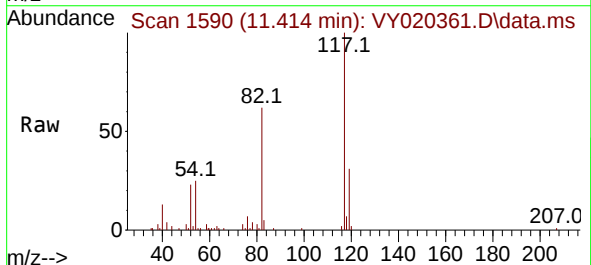
Instrument :
MSVOA_Y
ClientSampleId :

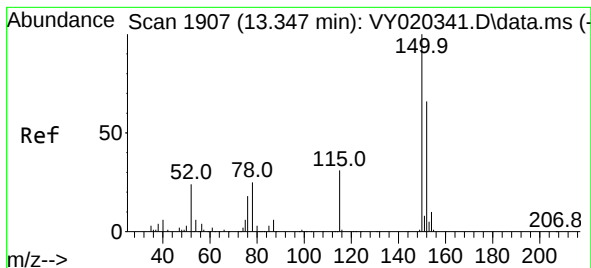
Tgt Ion:	95	Resp:	6071
Ion Ratio	Lower	Upper	
95	100		
174	76.4	0.0	156.8
176	73.4	0.0	152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

Tgt Ion:	117	Resp:	15896
Ion Ratio	Lower	Upper	
117	100		
82	62.3	48.2	72.4
119	30.9	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: VY020361.D

Acq: 20 Nov 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

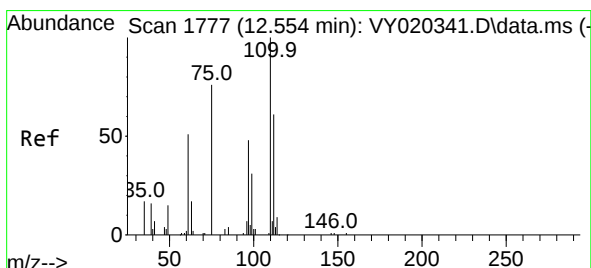
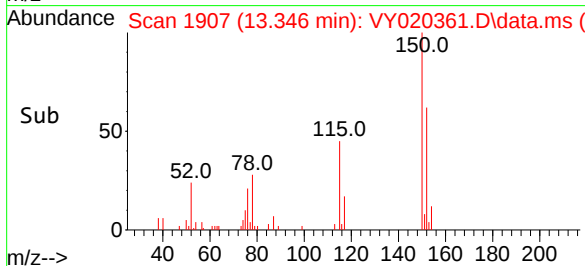
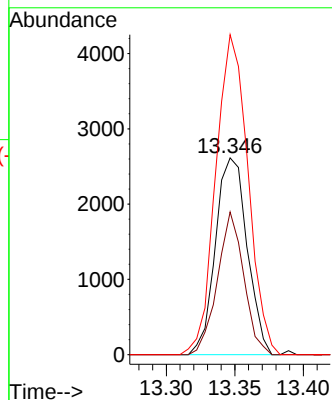
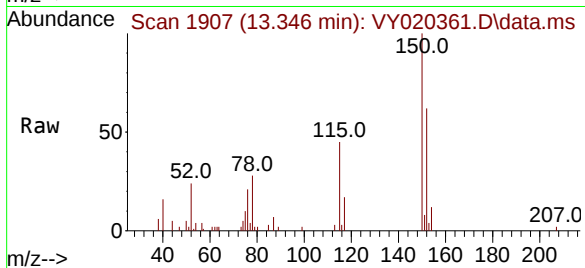
Tgt Ion:152 Resp: 4206

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 165.2 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 81.528 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020361.D

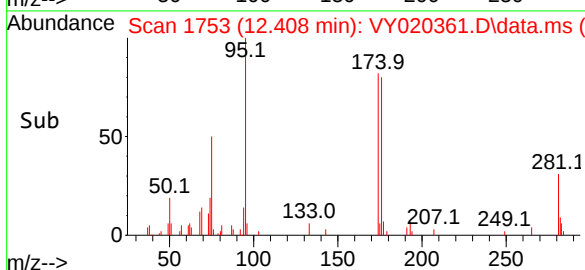
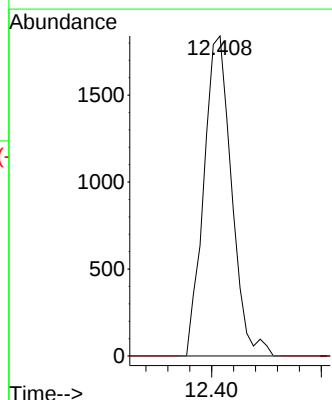
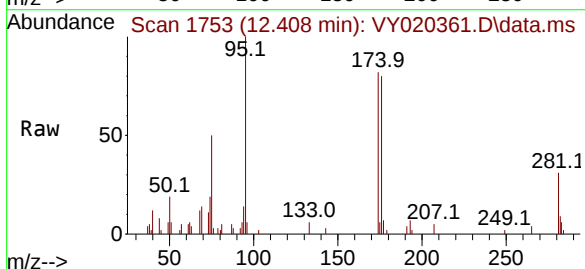
Acq: 20 Nov 2024 15:51

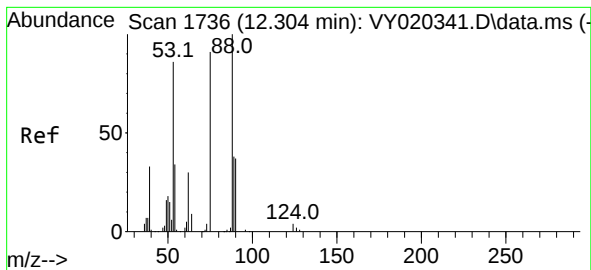
Tgt Ion: 75 Resp: 3232

Ion Ratio Lower Upper

75 100

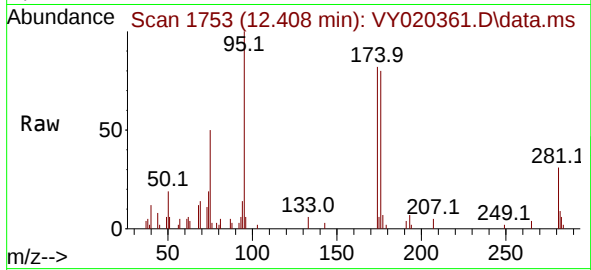
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 159.750 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	3232
Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.1	121.7#
89	0.0	35.1	52.7#

