

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020367.D
 Acq On : 20 Nov 2024 18:11
 Operator : SY/MD
 Sample : P4887-08
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:51:42 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)

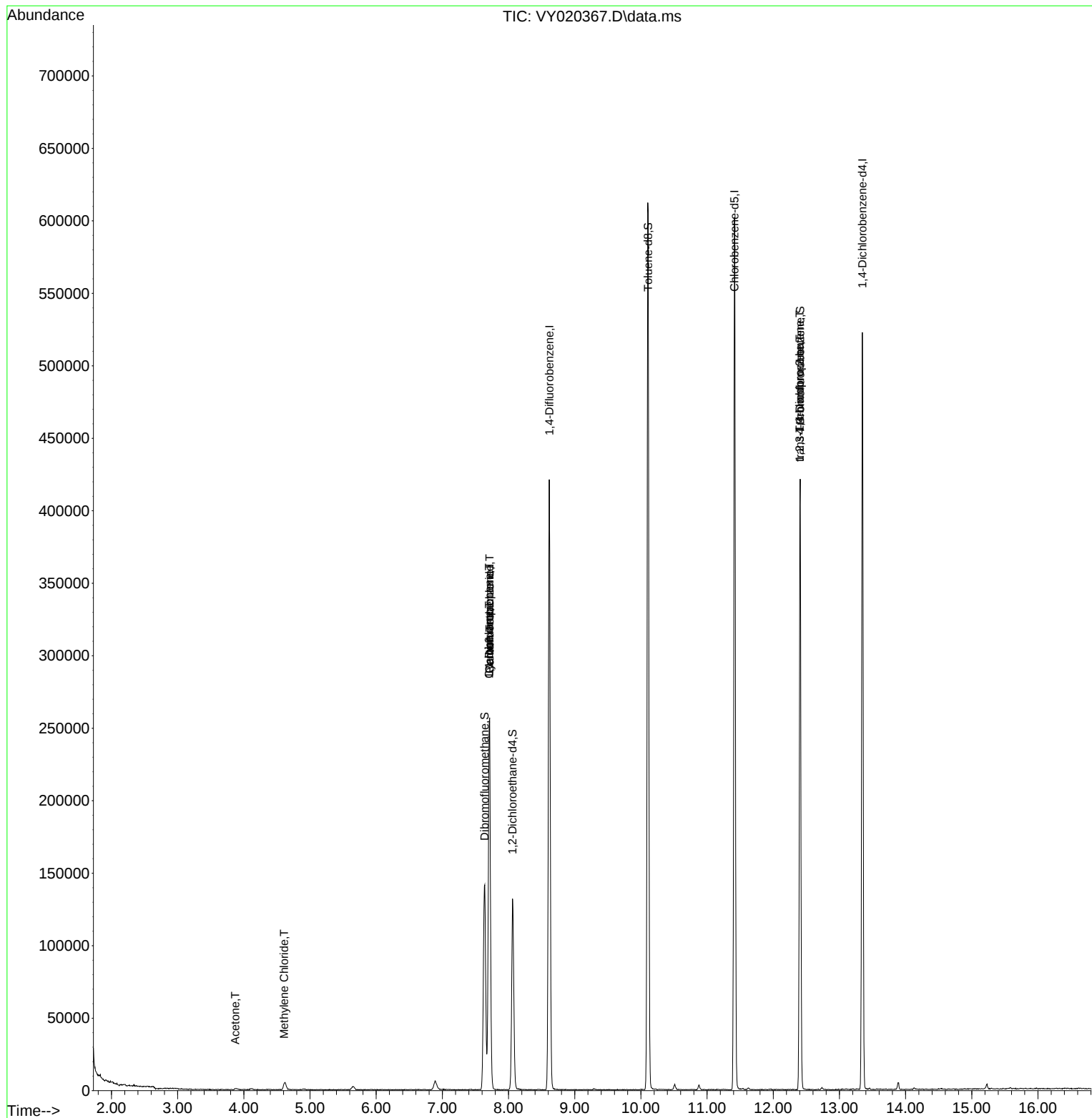
Internal Standards						
1) Pentafluorobenzene	7.713	168	187452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	336343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	303666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105813	49.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.260%
35) Dibromofluoromethane	7.640	113	101003	46.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.660%
50) Toluene-d8	10.109	98	392779	46.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.460%
62) 4-Bromofluorobenzene	12.408	95	131217	48.045	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	78	Below Cal	#	41
11) Tert butyl alcohol	4.872	59	22	Below Cal	#	73
16) Acetone	3.873	43	1644	3.184	ug/l	91
20) Methylene Chloride	4.610	84	3571	1.633	ug/l #	81
31) Cyclohexane	7.707	56	4660	1.161	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	16248	4.932	ug/l #	50
38) Carbon Tetrachloride	7.713	117	20509	5.963	ug/l #	15
76) 1,2,3-Trichloropropane	12.401	75	71907	62.798	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	71907	123.049	ug/l #	9

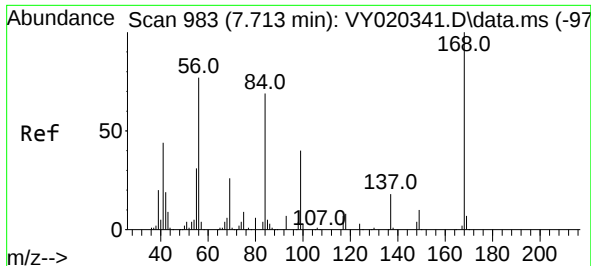
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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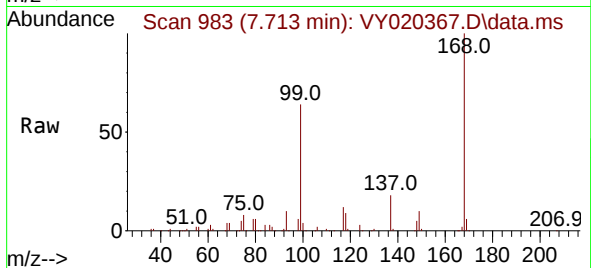
Quant Time: Nov 21 00:51:42 2024
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Quant Title : SW846 8260
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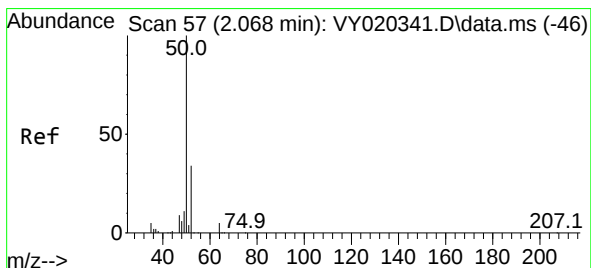
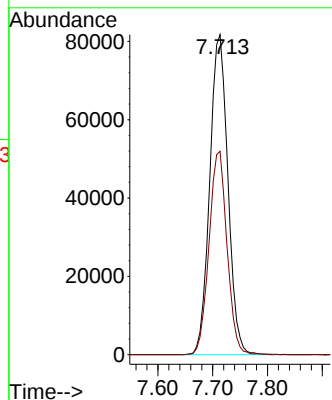
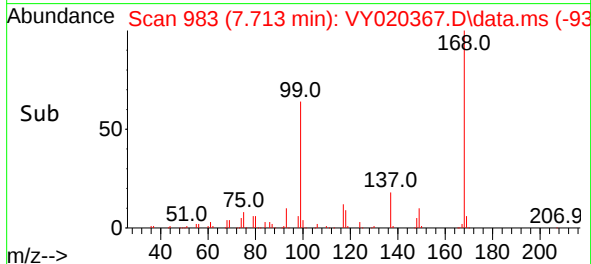


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :

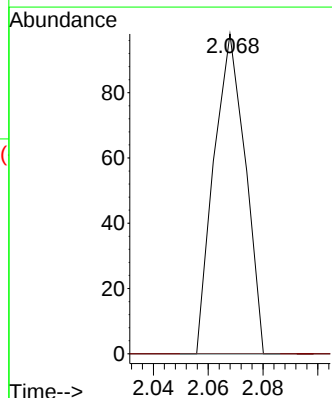
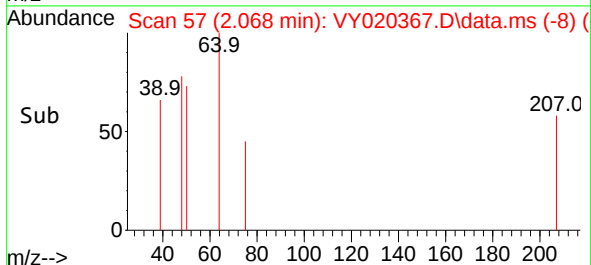
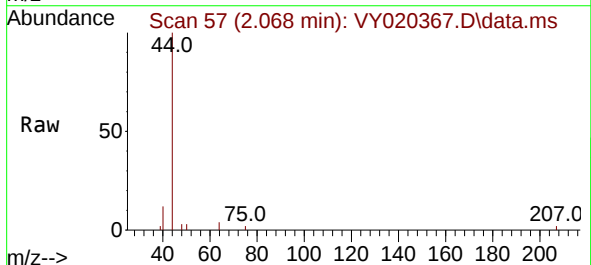


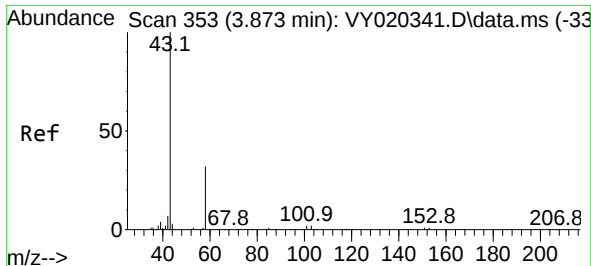
Tgt Ion:168 Resp: 187452
Ion Ratio Lower Upper
168 100
99 63.6 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. -0.000 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

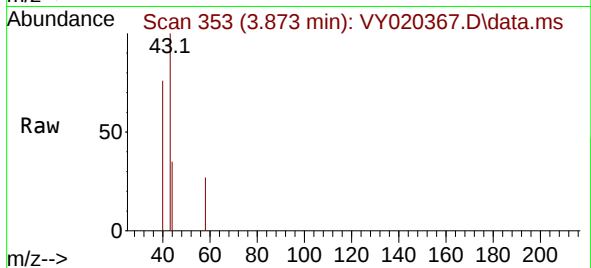
Tgt Ion: 50 Resp: 78
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



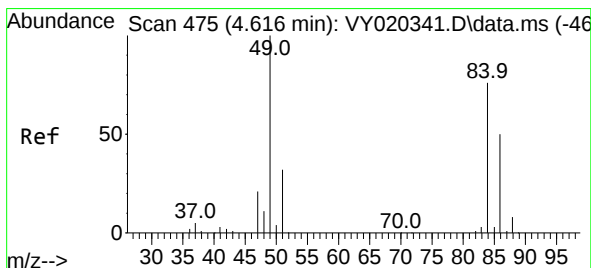
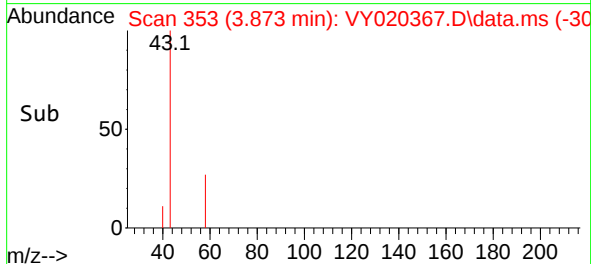
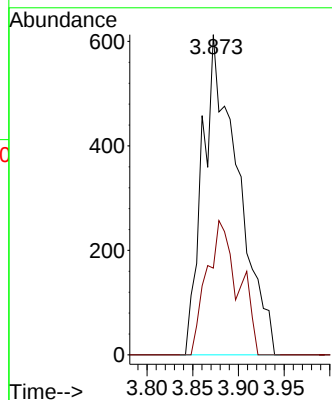


#16
Acetone
Concen: 3.184 ug/l
RT: 3.873 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :

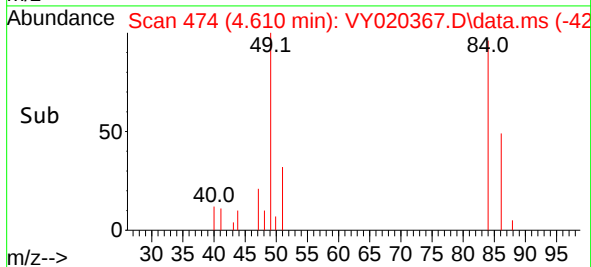
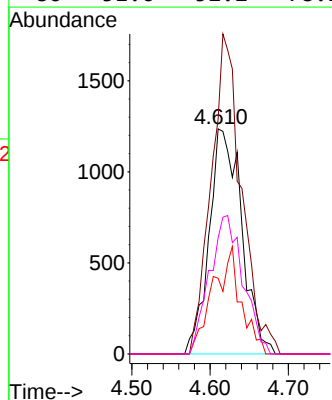
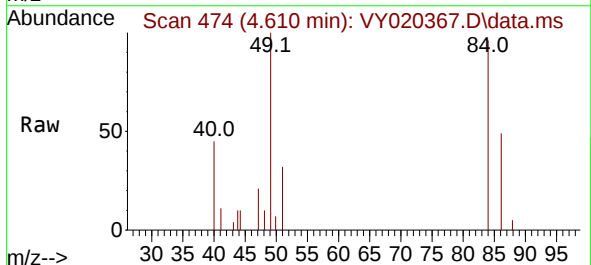


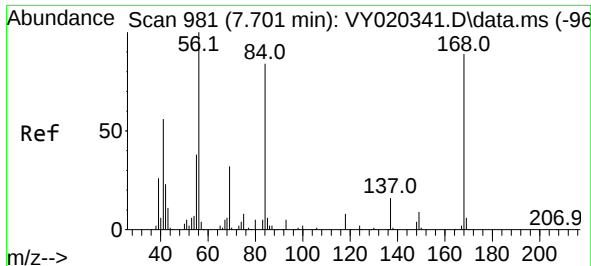
Tgt Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
58 27.1 25.7 38.5



#20
Methylene Chloride
Concen: 1.633 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

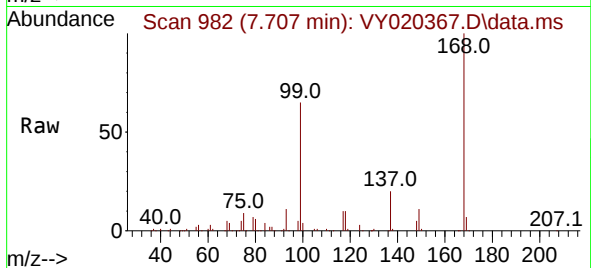
Tgt Ion: 84 Resp: 3571
Ion Ratio Lower Upper
84 100
49 104.3 104.7 157.1#
51 33.6 33.4 50.0
86 51.6 52.2 78.2#



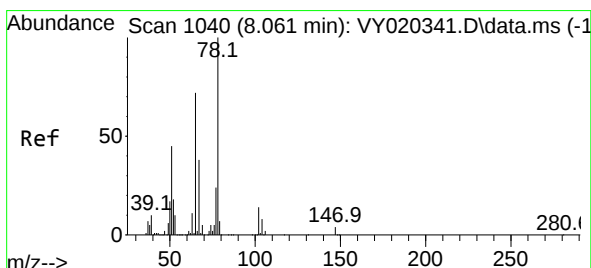
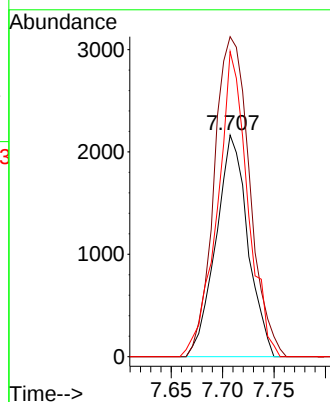
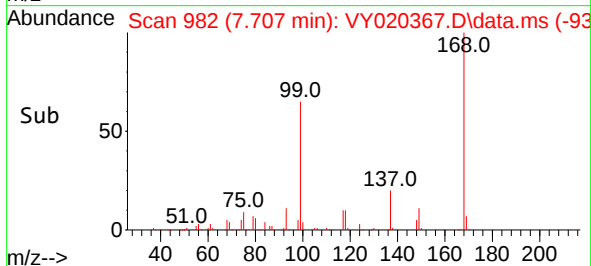


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

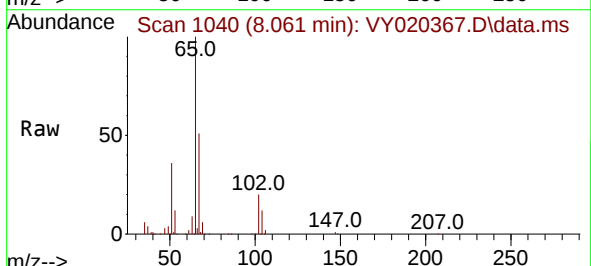
Instrument :
MSVOA_Y
ClientSampleId :



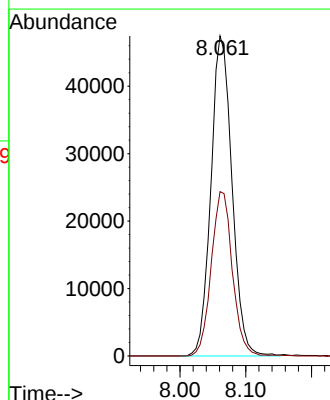
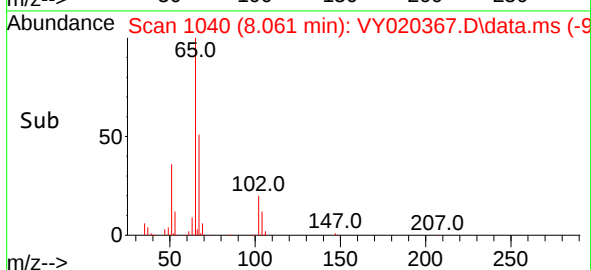
Tgt Ion: 56 Resp: 4660
Ion Ratio Lower Upper
56 100
69 144.5 25.3 37.9#
84 137.7 66.9 100.3#

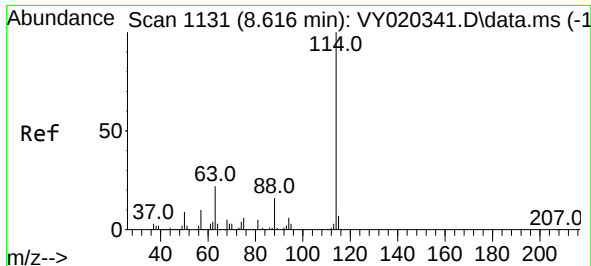


#33
1,2-Dichloroethane-d4
Concen: 49.133 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11



Tgt Ion: 65 Resp: 105813
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8

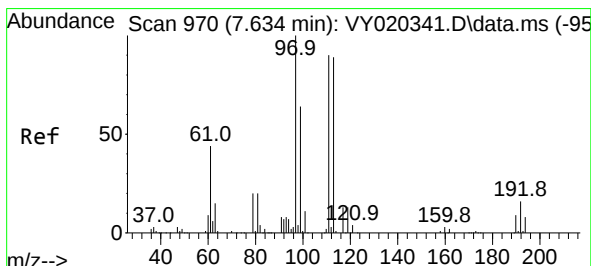
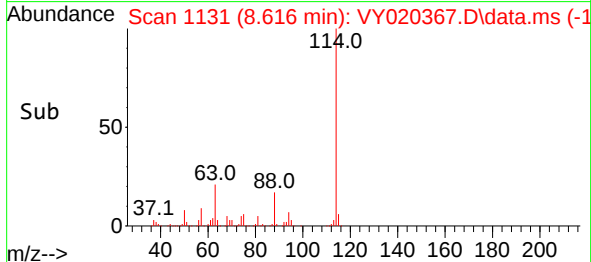
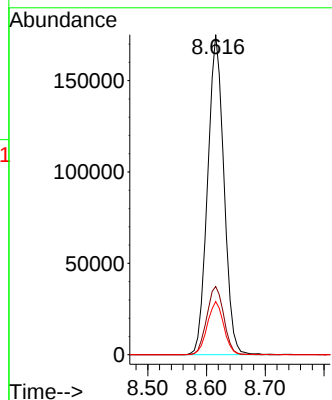
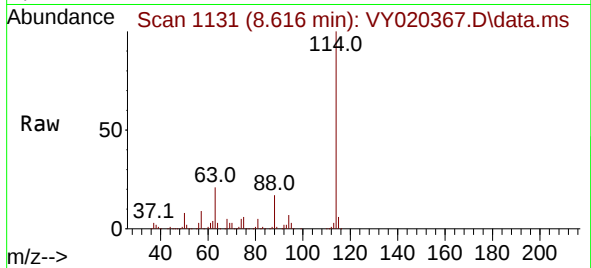




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

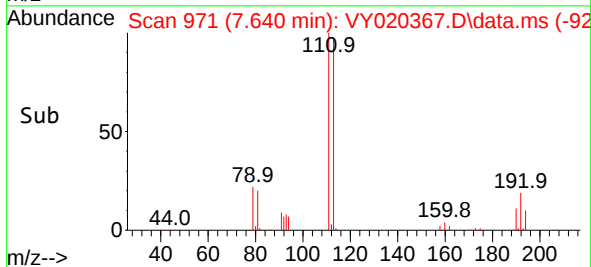
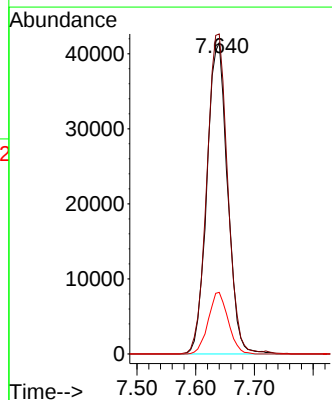
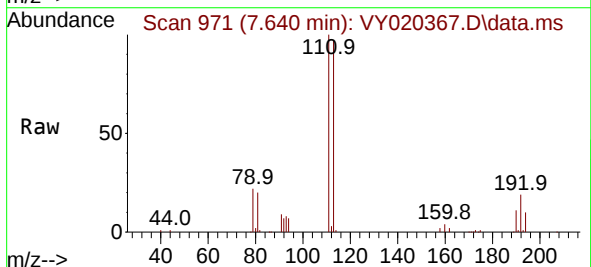
Instrument :
MSVOA_Y
ClientSampleId :

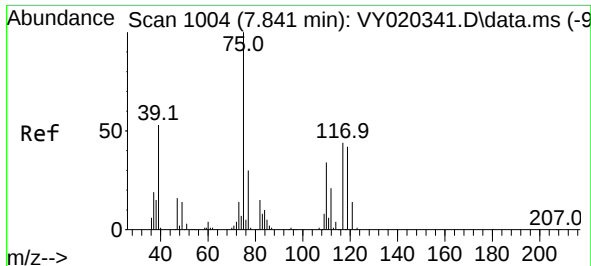
Tgt Ion:114 Resp: 336343
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.8
88 16.6 0.0 32.0



#35
Dibromofluoromethane
Concen: 46.832 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

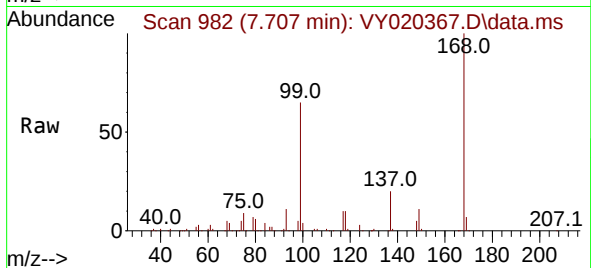
Tgt Ion:113 Resp: 101003
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 19.1 15.1 22.7



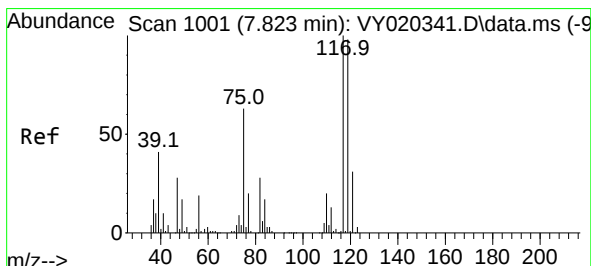
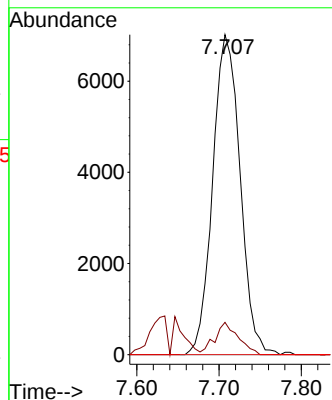
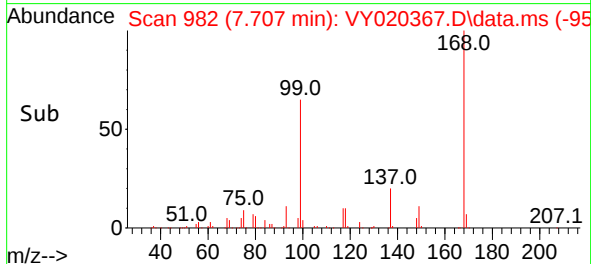


#36
1,1-Dichloropropene
Concen: 4.932 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :

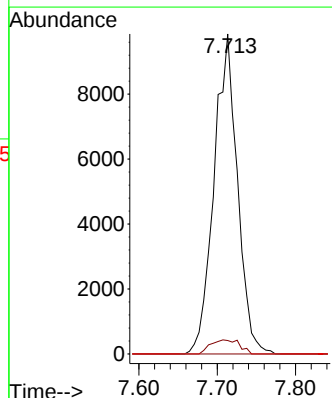
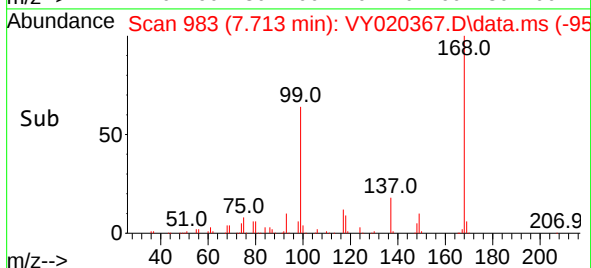
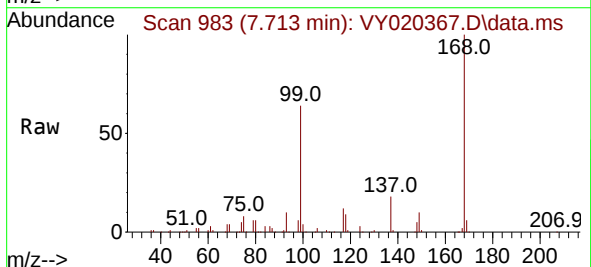


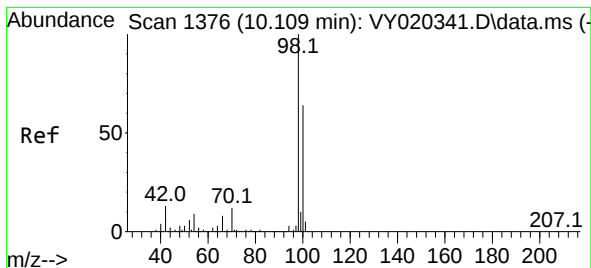
Tgt Ion: 75 Resp: 16248
Ion Ratio Lower Upper
75 100
110 8.6 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.963 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

Tgt Ion: 117 Resp: 20509
Ion Ratio Lower Upper
117 100
119 4.2 77.8 116.6#
121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 46.232 ug/l

RT: 10.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020367.D

Acq: 20 Nov 2024 18:11

Instrument :

MSVOA_Y

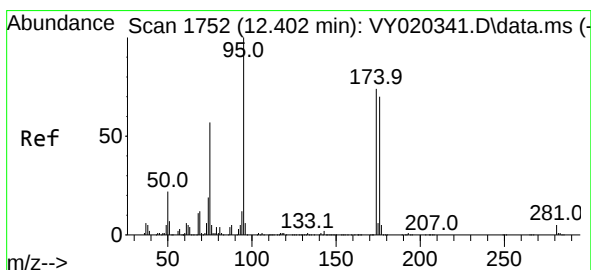
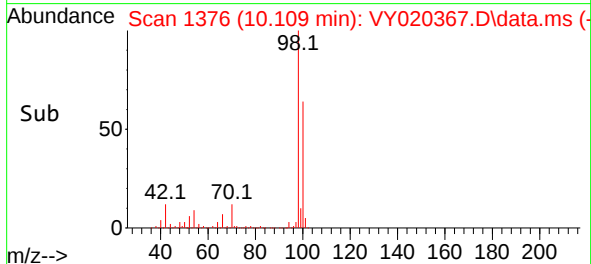
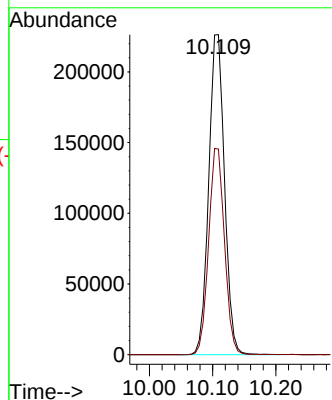
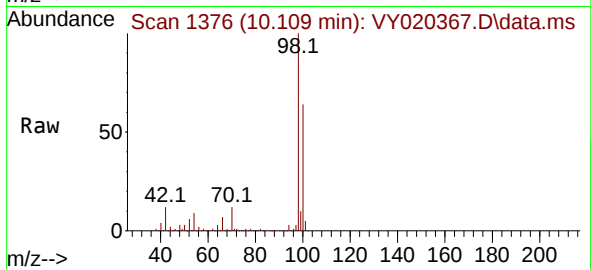
ClientSampleId :

Tgt Ion: 98 Resp: 392779

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 48.045 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020367.D

Acq: 20 Nov 2024 18:11

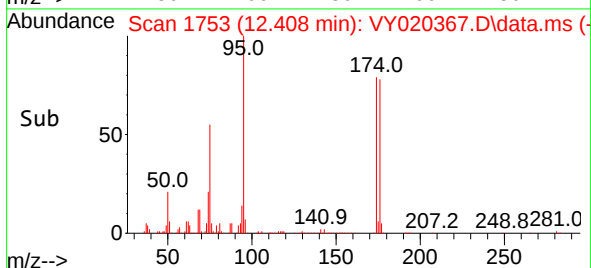
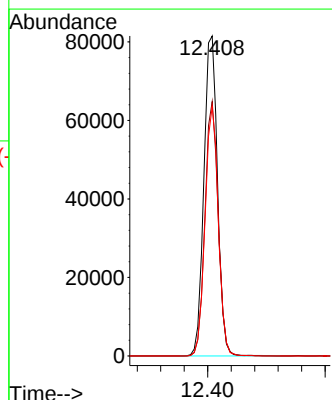
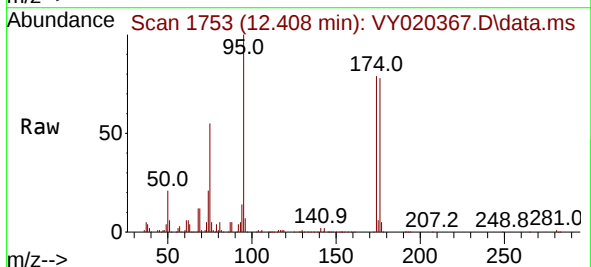
Tgt Ion: 95 Resp: 131217

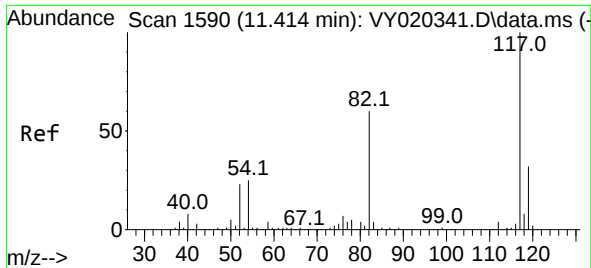
Ion Ratio Lower Upper

95 100

174 77.2 0.0 156.8

176 75.9 0.0 152.0

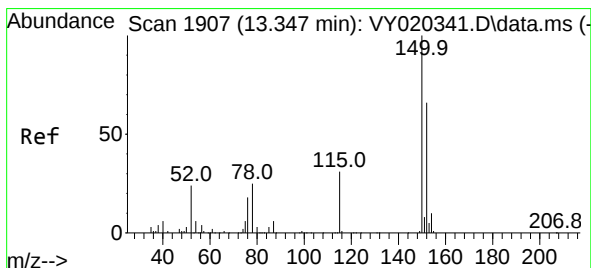
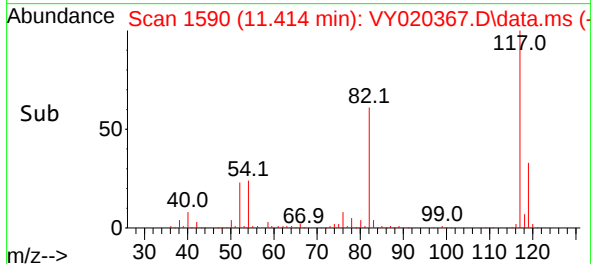
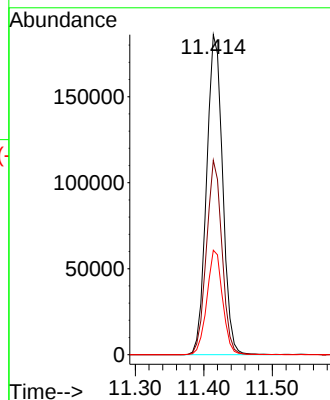
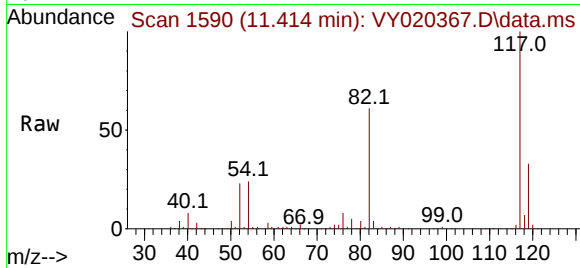




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

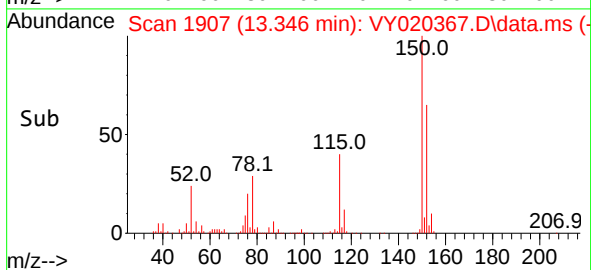
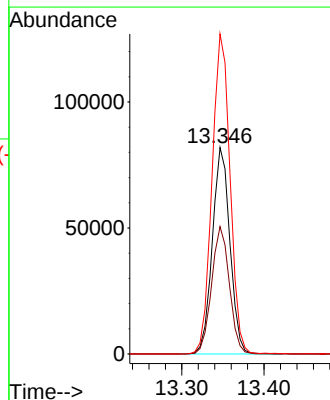
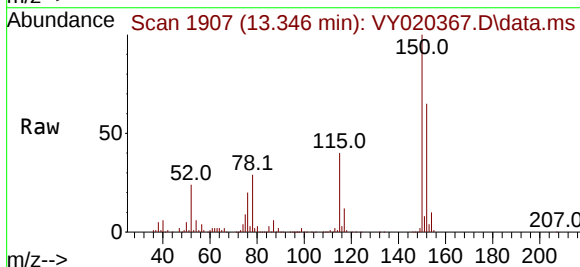
Instrument :
MSVOA_Y
ClientSampleId :

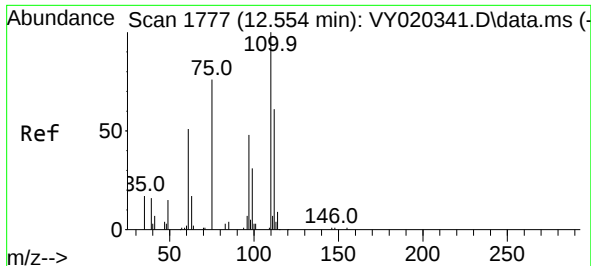
Tgt Ion:117 Resp: 303666
Ion Ratio Lower Upper
117 100
82 60.7 48.2 72.4
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

Tgt Ion:152 Resp: 121488
Ion Ratio Lower Upper
152 100
115 62.4 30.0 90.0
150 159.0 0.0 348.2

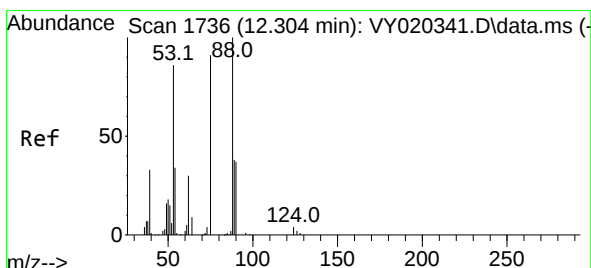
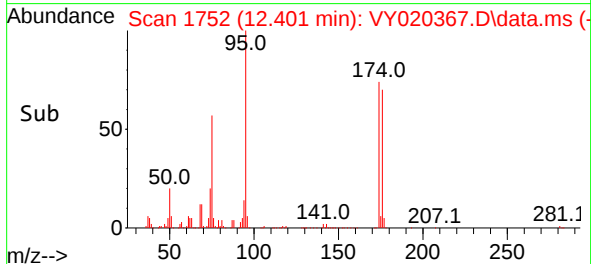
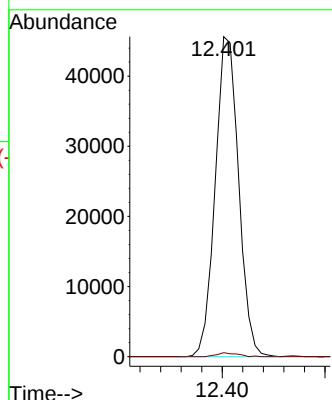
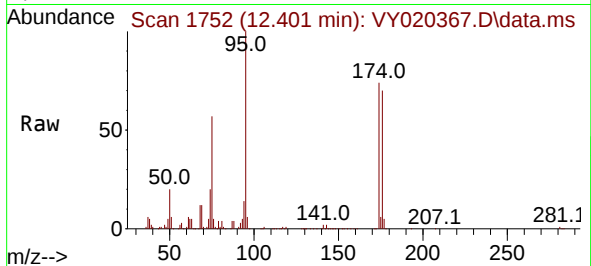




#76
1,2,3-Trichloropropane
Concen: 62.798 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 71907
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.049 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

Tgt Ion: 75 Resp: 71907
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

