

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020746.D
 Acq On : 27 Dec 2024 17:54
 Operator : SY/MD
 Sample : P5390-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 28 03:06:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

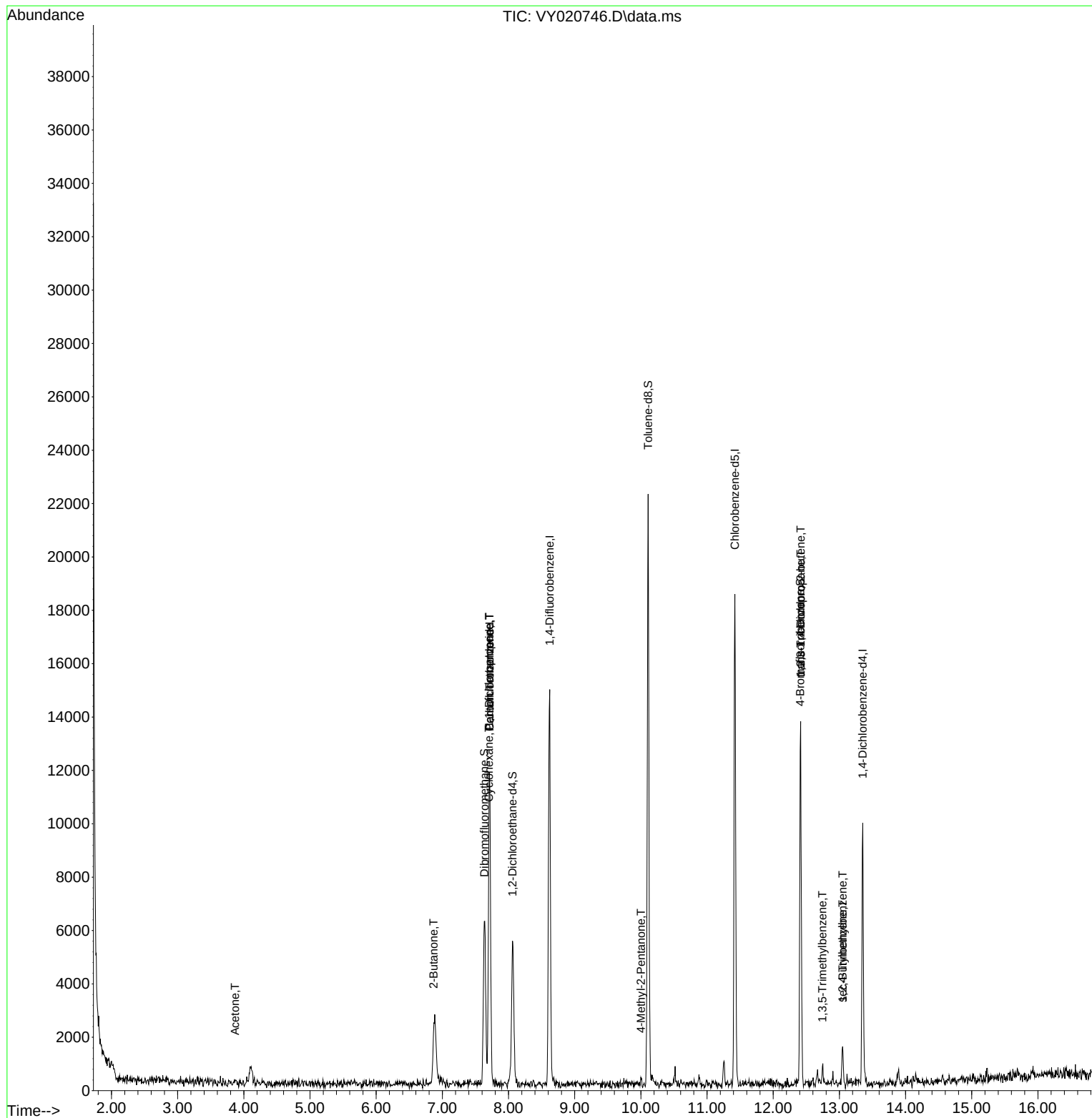
Internal Standards						
1) Pentafluorobenzene	7.713	168	9722	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.622	114	14371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	10649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	2951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4942	62.060	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.120%	
35) Dibromofluoromethane	7.634	113	4549	57.468	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.940%	
50) Toluene-d8	10.109	98	15474	49.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.380%	
62) 4-Bromofluorobenzene	12.408	95	3756	35.704	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 71.400%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	216	21.382	ug/l #	43
25) 2-Butanone	6.866	43	20	1.466	ug/l #	38
31) Cyclohexane	7.701	56	127	1.242	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	821	7.852	ug/l #	39
38) Carbon Tetrachloride	7.713	117	1110	6.447	ug/l #	13
51) 4-Methyl-2-Pentanone	9.999	43	188	5.318	ug/l #	66
76) 1,2,3-Trichloropropane	12.414	75	1935	103.097	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.743	105	236	1.385	ug/l #	59
81) trans-1,4-Dichloro-2-b...	12.414	75	1935	203.782	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.048	105	1093	6.594	ug/l	97
85) sec-Butylbenzene	13.048	105	1093	5.098	ug/l #	55

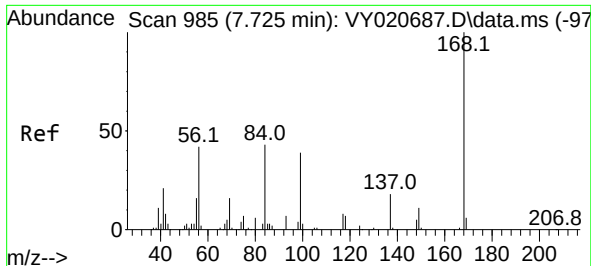
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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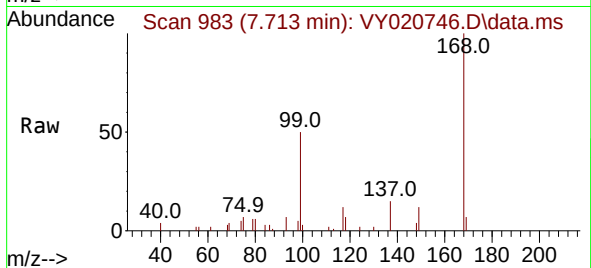
Quant Time: Dec 28 03:06:08 2024
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QLast Update : Thu Dec 26 16:12:28 2024
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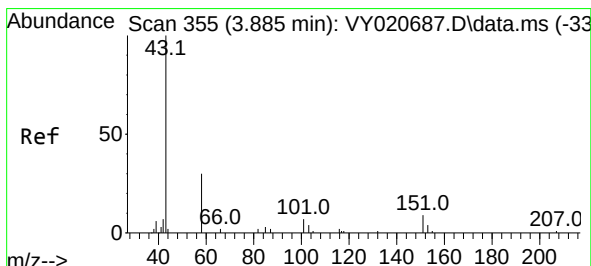
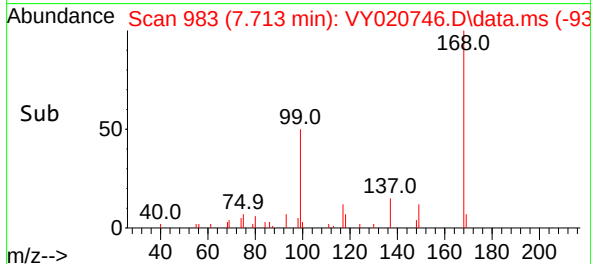
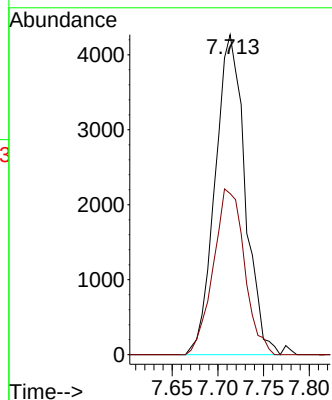


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

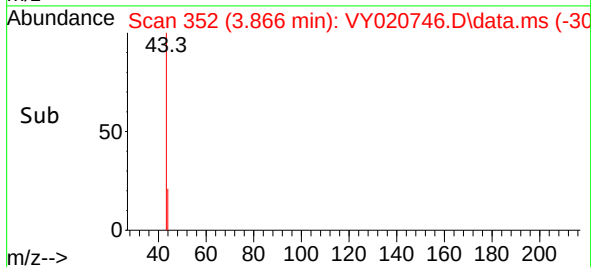
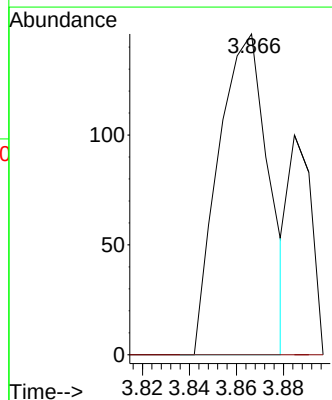
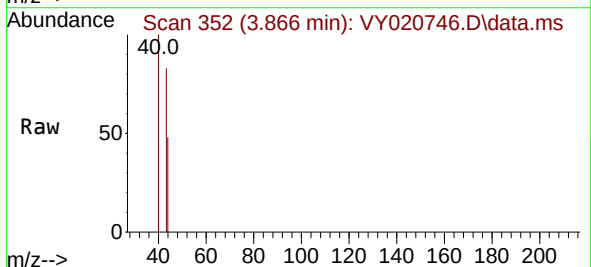


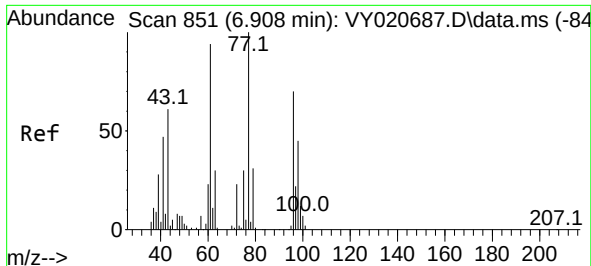
Tgt Ion:168 Resp: 9722
Ion Ratio Lower Upper
168 100
99 50.3 43.8 65.6



#16
Acetone
Concen: 21.382 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.019 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

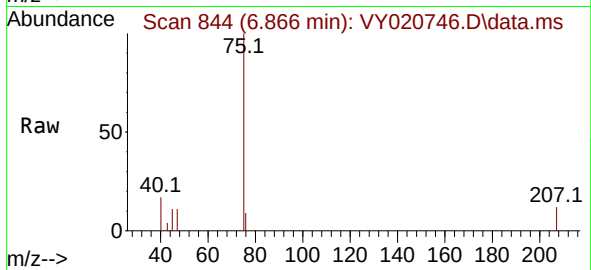
Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#



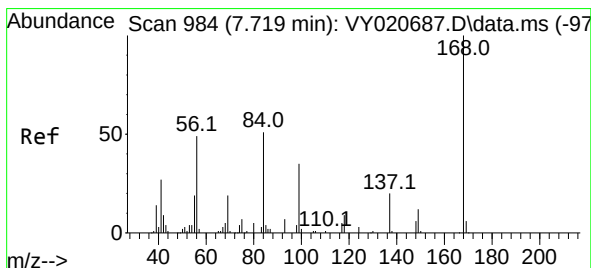
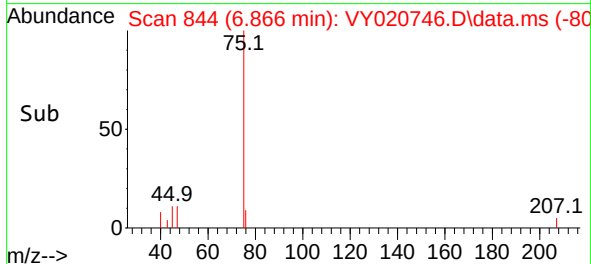
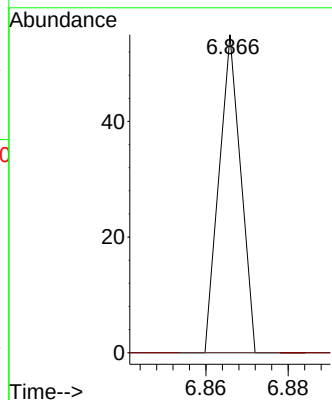


#25
2-Butanone
Concen: 1.466 ug/l
RT: 6.866 min Scan# 84
Delta R.T. -0.042 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

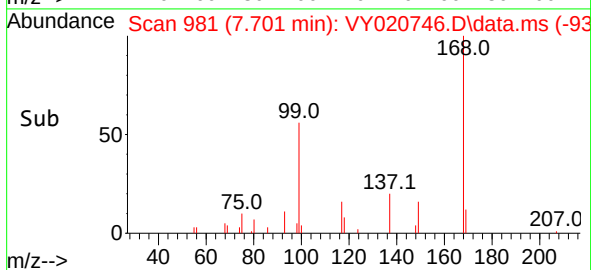
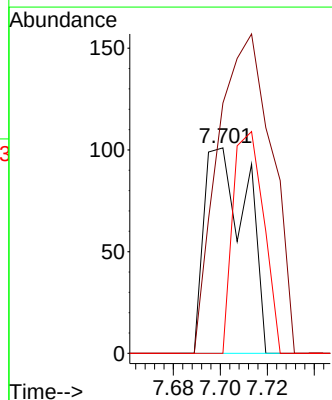
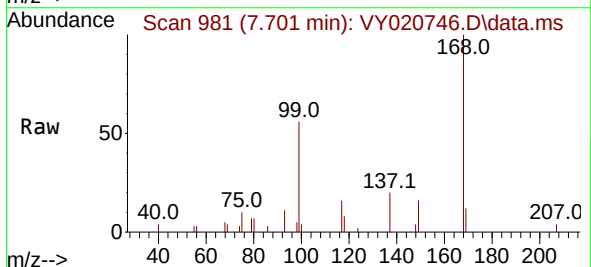


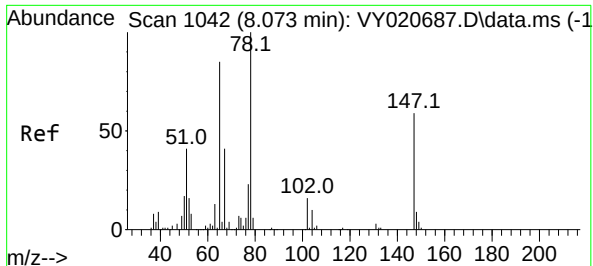
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
72 0.0 29.5 44.3#



#31
Cyclohexane
Concen: 1.242 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.018 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

Tgt Ion: 56 Resp: 127
Ion Ratio Lower Upper
56 100
69 121.8 31.3 46.9#
84 0.0 83.9 125.9#





#33

1,2-Dichloroethane-d4

Concen: 62.060 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020746.D

Acq: 27 Dec 2024 17:54

Instrument :

MSVOA_Y

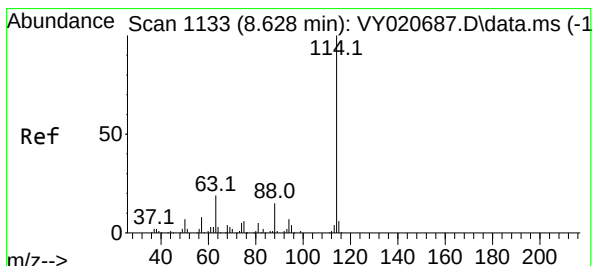
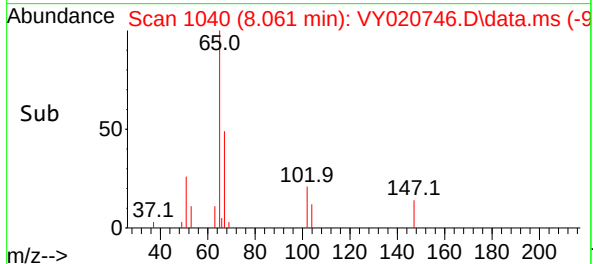
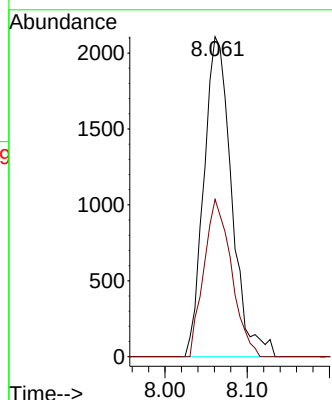
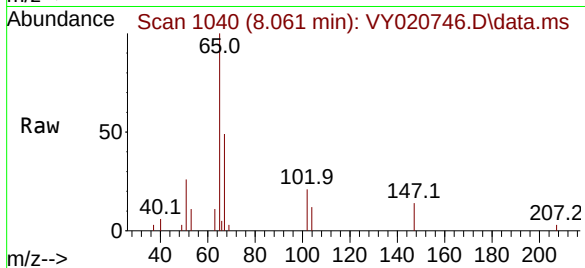
ClientSampleId :

Tgt Ion: 65 Resp: 4942

Ion Ratio Lower Upper

65 100

67 48.7 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020746.D

Acq: 27 Dec 2024 17:54

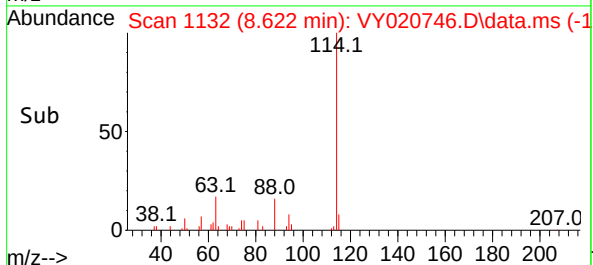
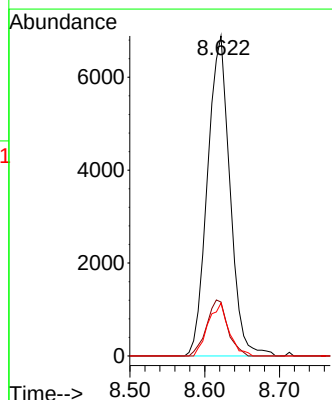
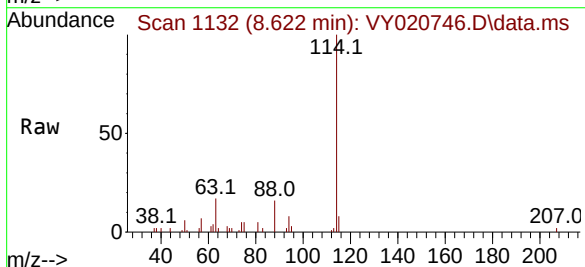
Tgt Ion:114 Resp: 14371

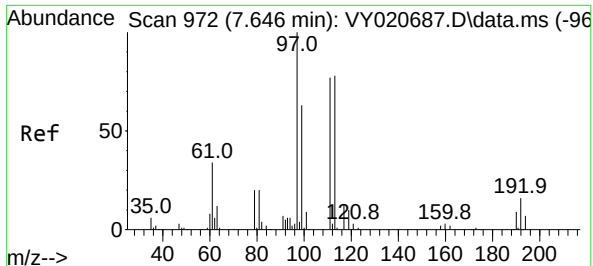
Ion Ratio Lower Upper

114 100

63 16.9 0.0 38.4

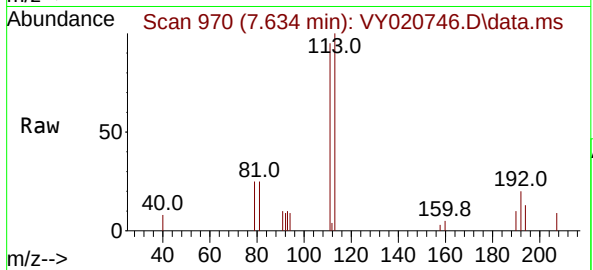
88 16.5 0.0 30.4



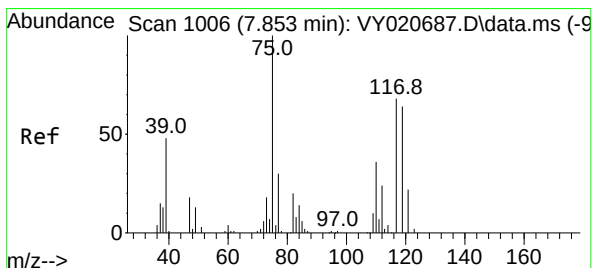
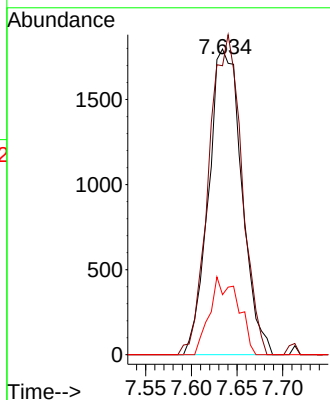
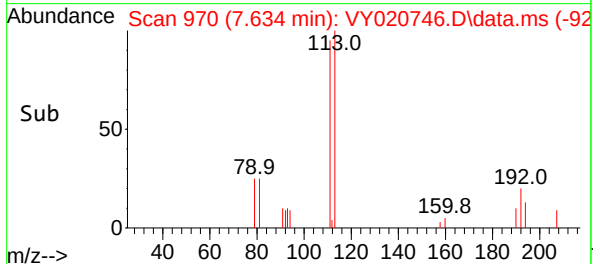


#35
 Dibromofluoromethane
 Concen: 57.468 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VY020746.D
 Acq: 27 Dec 2024 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :

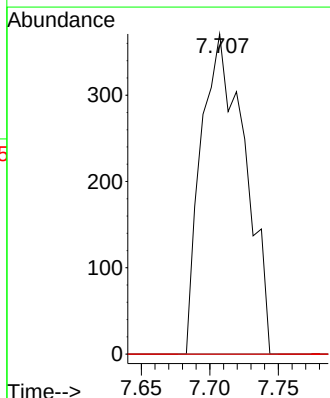
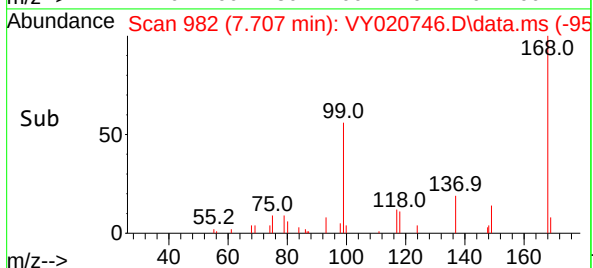
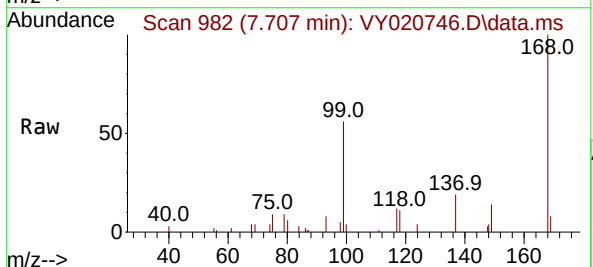


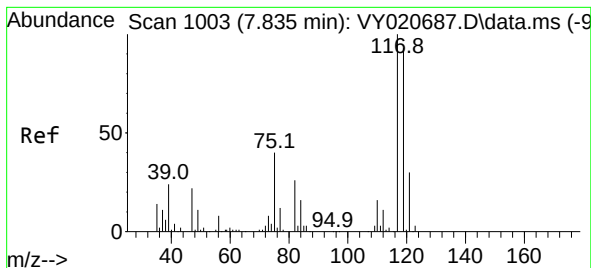
Tgt Ion:113 Resp: 4549
 Ion Ratio Lower Upper
 113 100
 111 104.0 79.8 119.8
 192 21.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 7.852 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.146 min
 Lab File: VY020746.D
 Acq: 27 Dec 2024 17:54

Tgt Ion: 75 Resp: 821
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.6 58.7#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.447 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

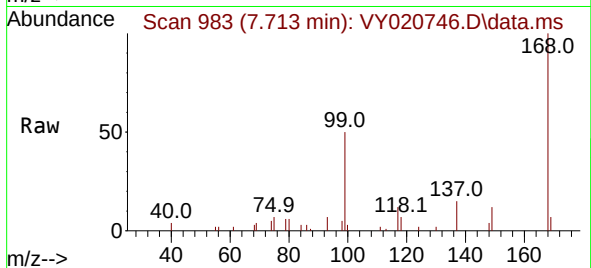
Lab File: VY020746.D

Acq: 27 Dec 2024 17:54

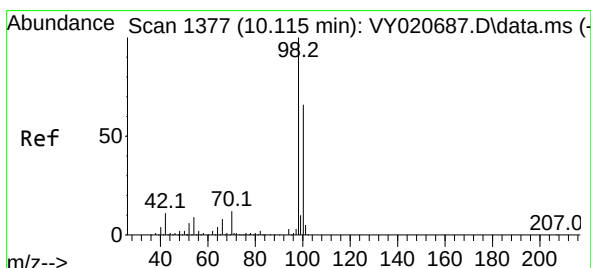
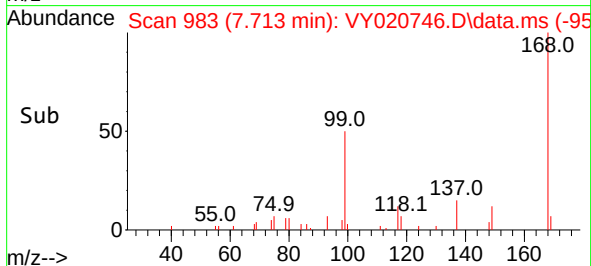
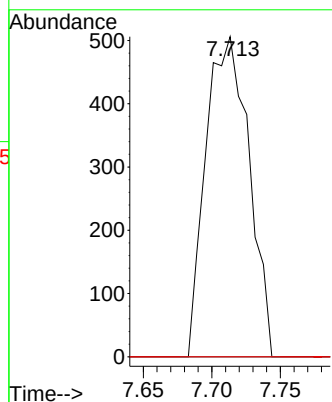
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	1110
Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.4	111.6#
121	0.0	24.2	36.2#



#50

Toluene-d8

Concen: 49.187 ug/l

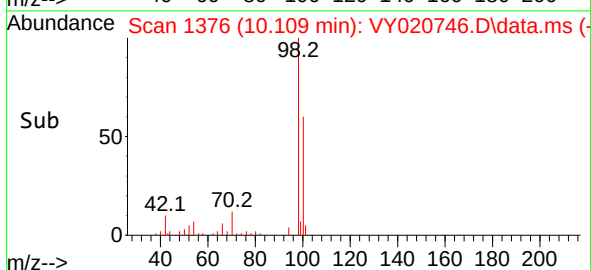
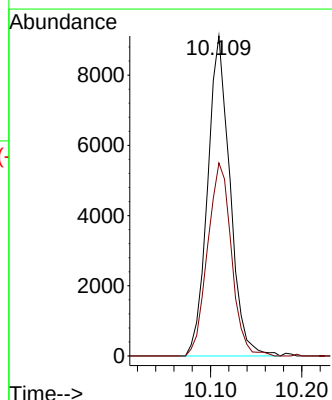
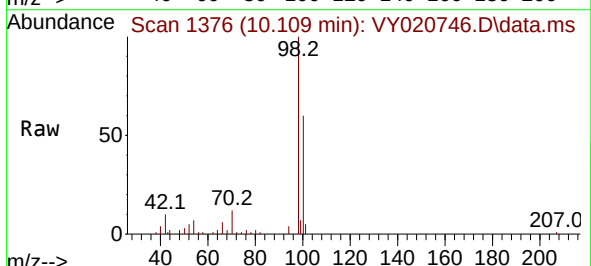
RT: 10.109 min Scan# 1376

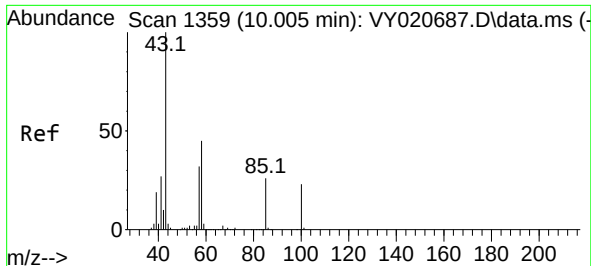
Delta R.T. -0.006 min

Lab File: VY020746.D

Acq: 27 Dec 2024 17:54

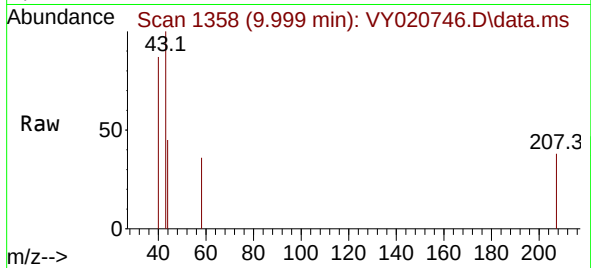
Tgt Ion:	98	Resp:	15474
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4



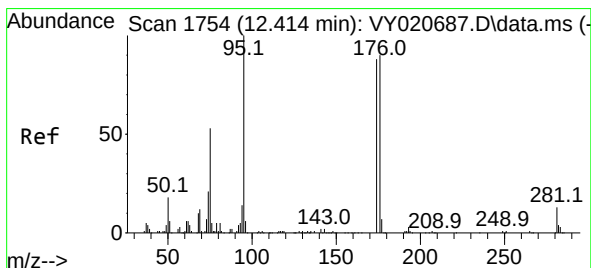
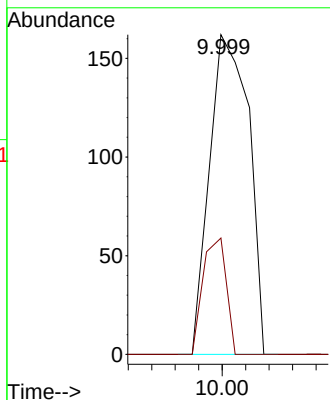
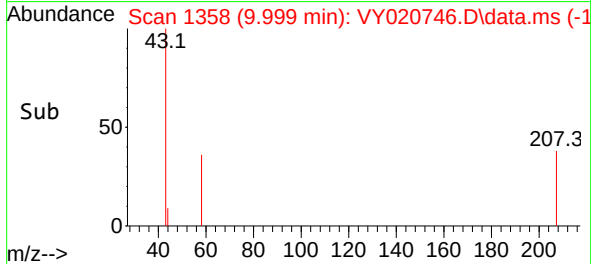


#51
4-Methyl-2-Pentanone
Concen: 5.318 ug/l
RT: 9.999 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

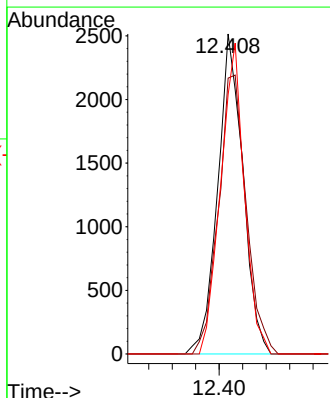
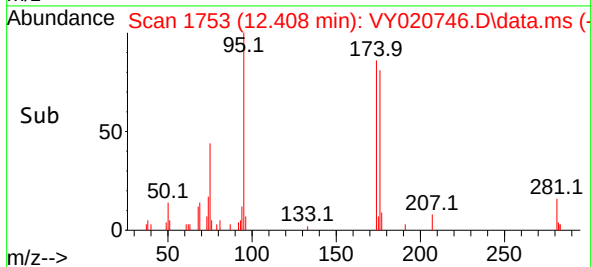
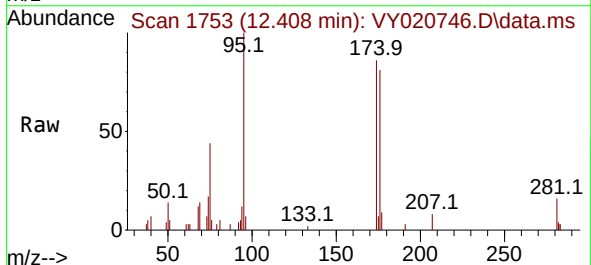


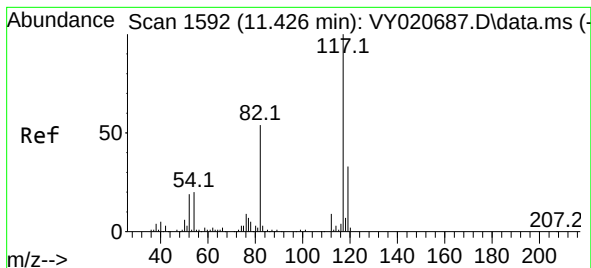
Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
58 21.8 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 35.704 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

Tgt Ion: 95 Resp: 3756
Ion Ratio Lower Upper
95 100
174 95.8 0.0 179.2
176 91.4 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

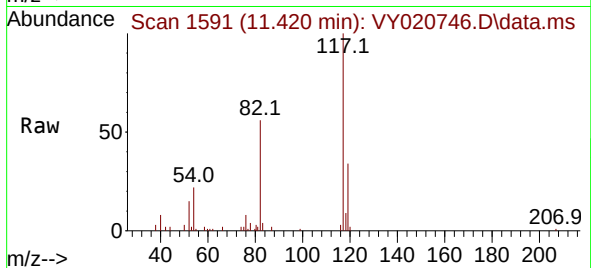
Lab File: VY020746.D

Acq: 27 Dec 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :



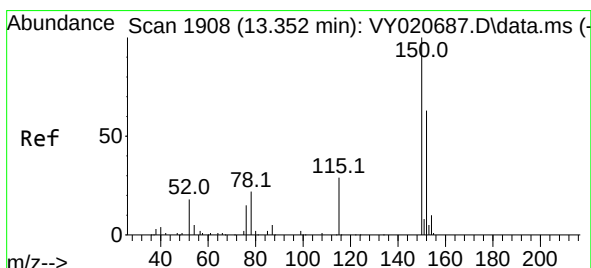
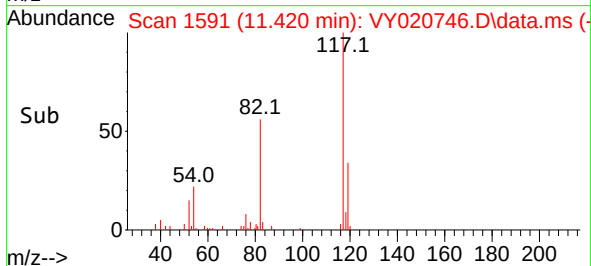
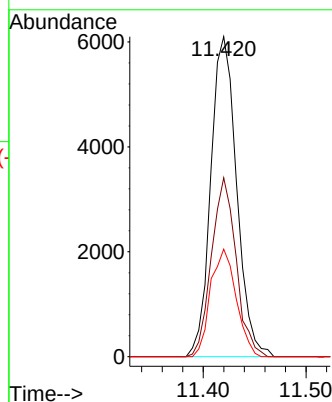
Tgt Ion:117 Resp: 10649

Ion Ratio Lower Upper

117 100

82 55.9 43.4 65.2

119 33.6 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020746.D

Acq: 27 Dec 2024 17:54

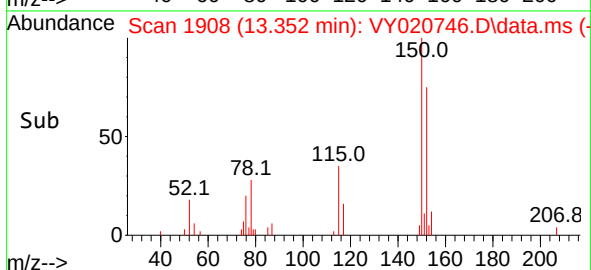
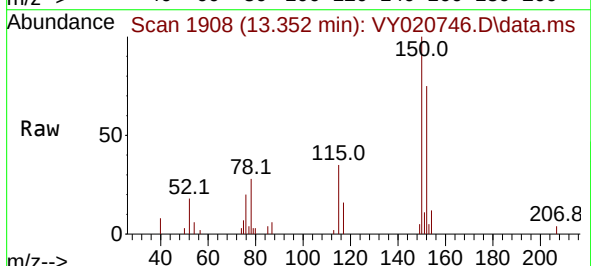
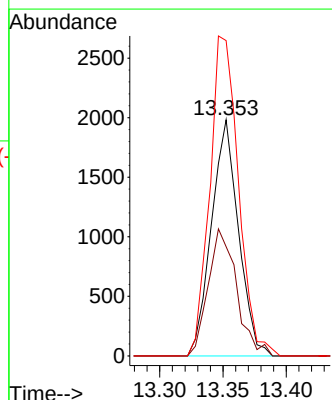
Tgt Ion:152 Resp: 2951

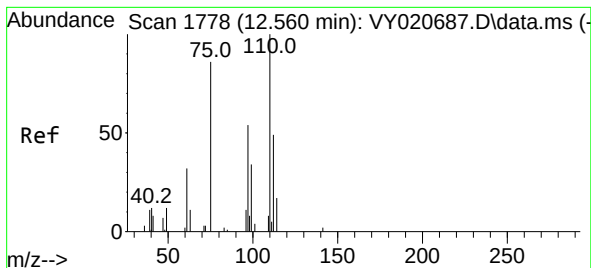
Ion Ratio Lower Upper

152 100

115 56.3 30.3 90.9

150 143.6 0.0 349.0

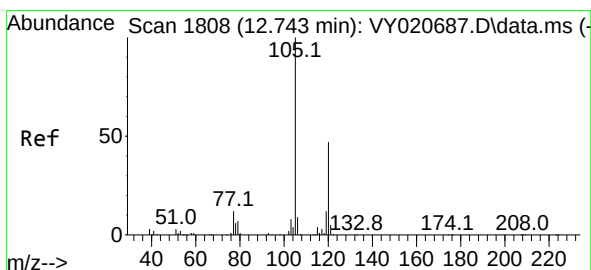
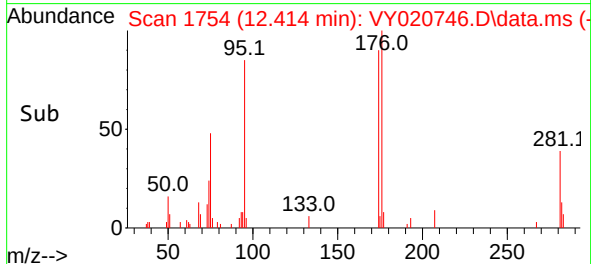
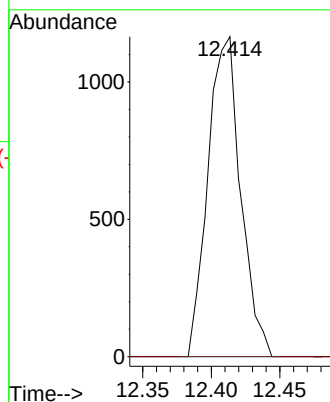
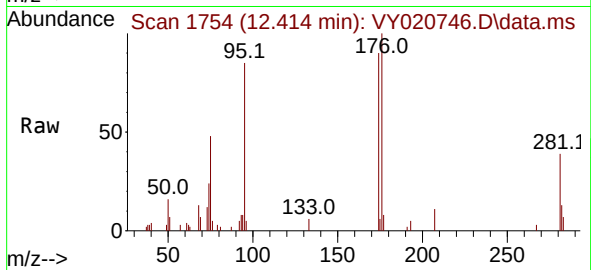




#76
1,2,3-Trichloropropane
Concen: 103.097 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

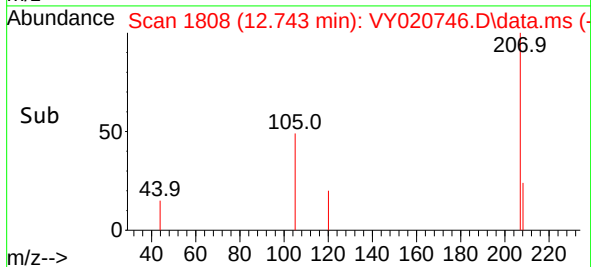
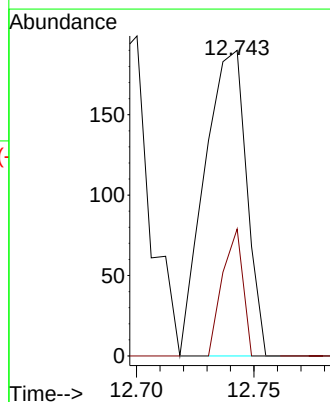
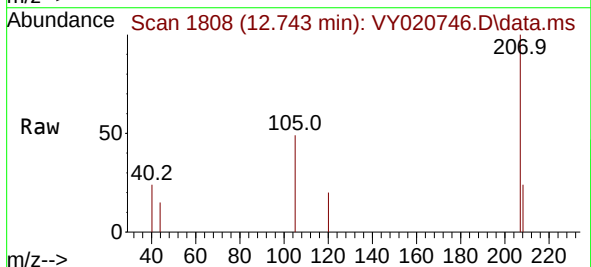
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MSVOA_Y
ClientSampleId :

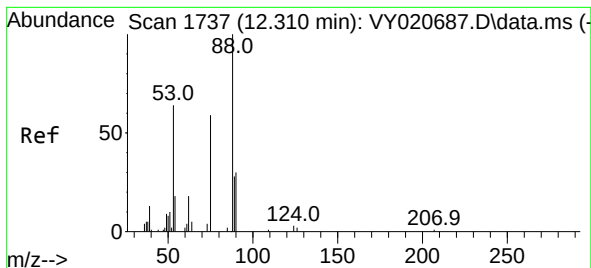
Tgt Ion: 75 Resp: 1935
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#80
1,3,5-Trimethylbenzene
Concen: 1.385 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

Tgt Ion:105 Resp: 236
Ion Ratio Lower Upper
105 100
120 20.3 23.9 71.7#

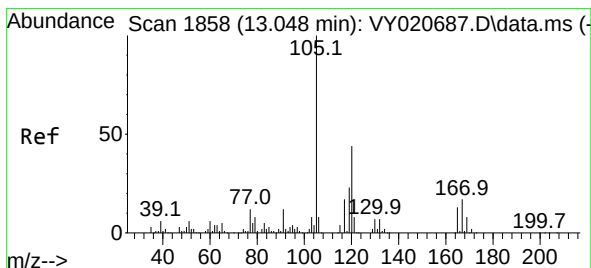
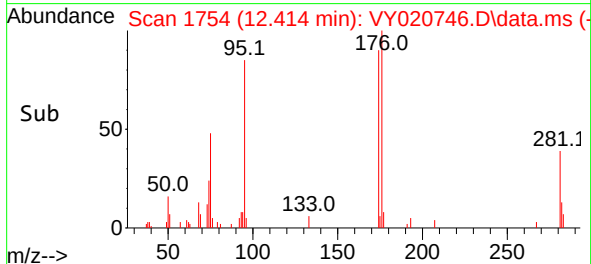
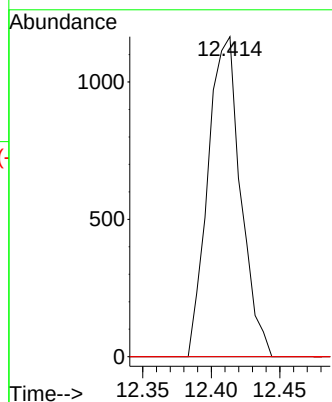
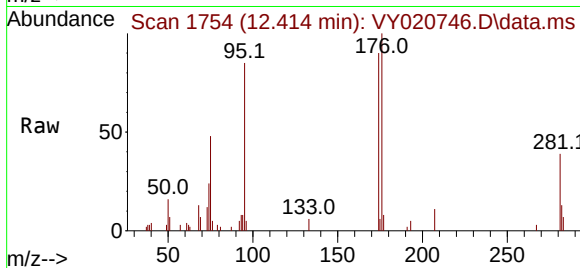




#81
 trans-1,4-Dichloro-2-butene
 Concen: 203.782 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. 0.104 min
 Lab File: VY020746.D
 Acq: 27 Dec 2024 17:54

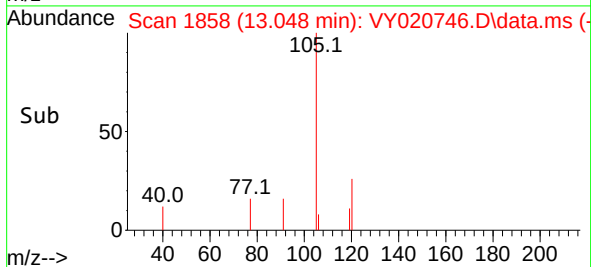
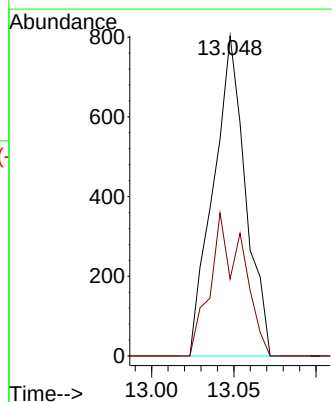
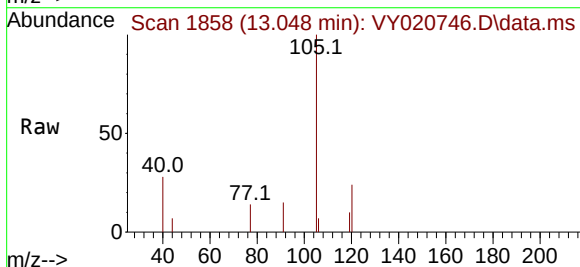
Instrument :
 MSVOA_Y
 ClientSampleId :

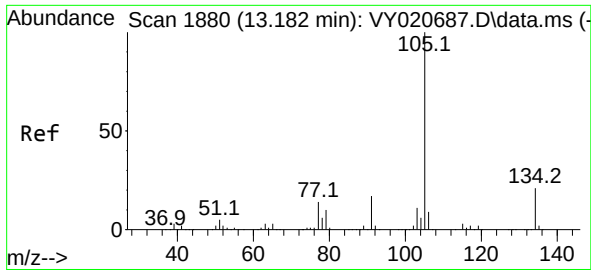
Tgt Ion: 75 Resp: 1935
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.1 124.7#
 89 0.0 40.6 61.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 6.594 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: VY020746.D
 Acq: 27 Dec 2024 17:54

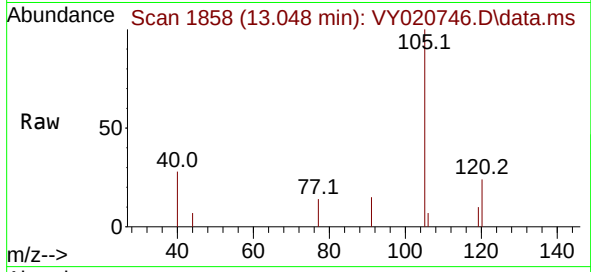
Tgt Ion: 105 Resp: 1093
 Ion Ratio Lower Upper
 105 100
 120 45.2 21.8 65.3





#85
 sec-Butylbenzene
 Concen: 5.098 ug/l
 RT: 13.048 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VY020746.D
 Acq: 27 Dec 2024 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:105 Resp: 1093
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 32.1#

