

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020440.D
 Acq On : 25 Nov 2024 19:17
 Operator : SY/MD
 Sample : P4946-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 26 00:48:42 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)

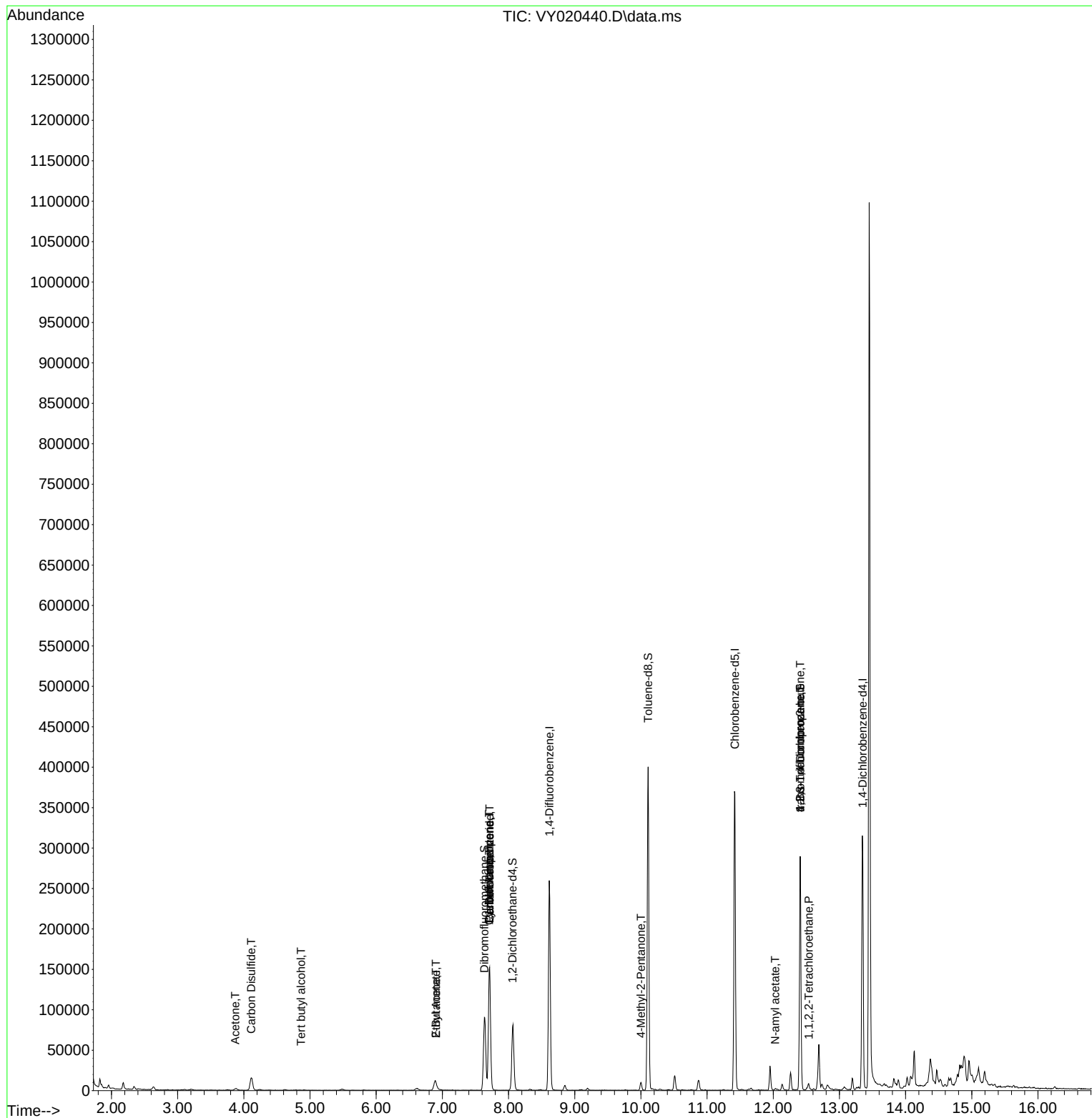
Internal Standards						
1) Pentafluorobenzene	7.713	168	111578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	208438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	193414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	77568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	65526	51.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.240%	
35) Dibromofluoromethane	7.634	113	64650	48.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.740%	
50) Toluene-d8	10.109	98	251630	47.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.580%	
62) 4-Bromofluorobenzene	12.408	95	84681	50.032	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	52	Below Cal	#	41
11) Tert butyl alcohol	4.866	59	396	3.264	ug/l #	73
16) Acetone	3.873	43	4153	13.514	ug/l	94
17) Carbon Disulfide	4.110	76	32281	7.872	ug/l	96
25) 2-Butanone	6.902	43	1755	4.436	ug/l #	80
31) Cyclohexane	7.707	56	2558	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	9456	4.632	ug/l #	51
37) Ethyl Acetate	6.902	43	1755	1.877	ug/l #	58
38) Carbon Tetrachloride	7.713	117	12174	5.712	ug/l #	15
51) 4-Methyl-2-Pentanone	9.999	43	6555	7.103	ug/l	99
74) N-amyl acetate	12.030	43	1625	1.023	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.536	83	3037	2.860	ug/l #	27
76) 1,2,3-Trichloropropane	12.408	75	46614	63.759	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	46614	124.932	ug/l #	9

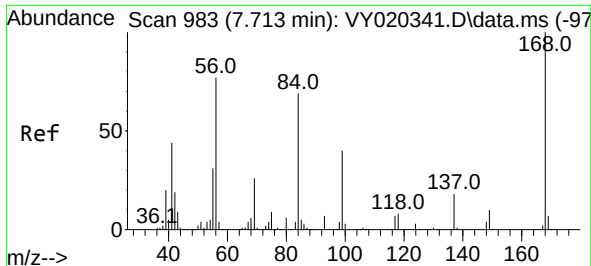
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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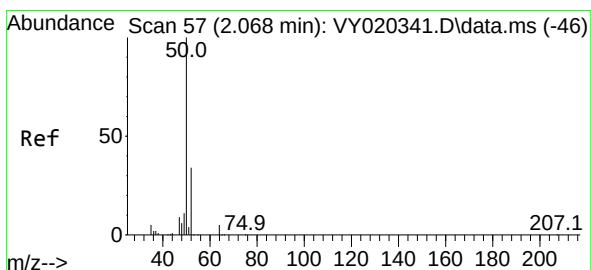
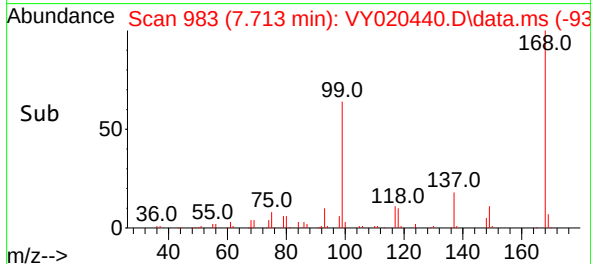
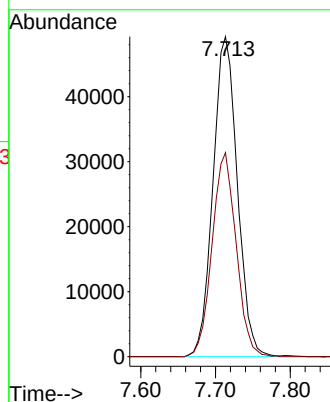
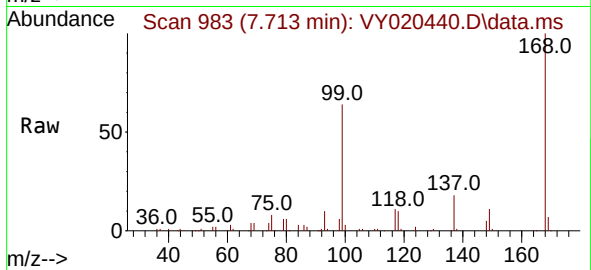




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

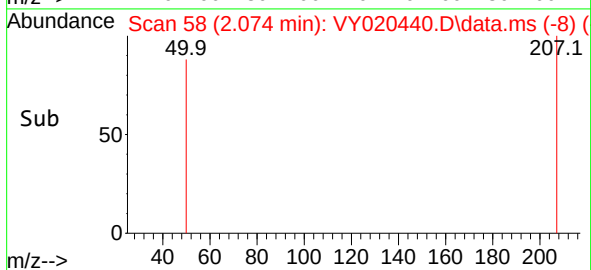
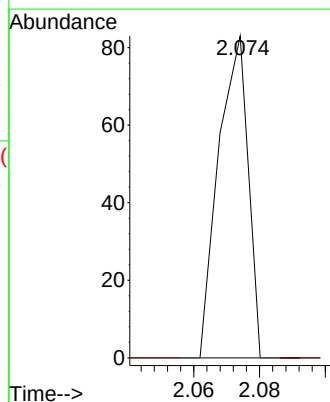
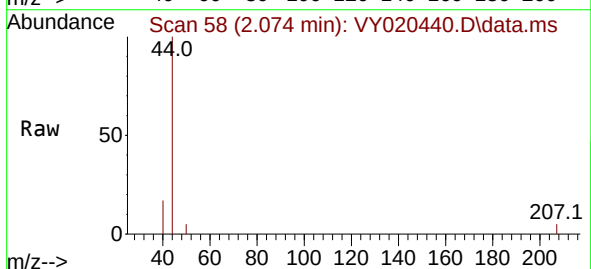
Instrument :
MSVOA_Y
ClientSampleId :

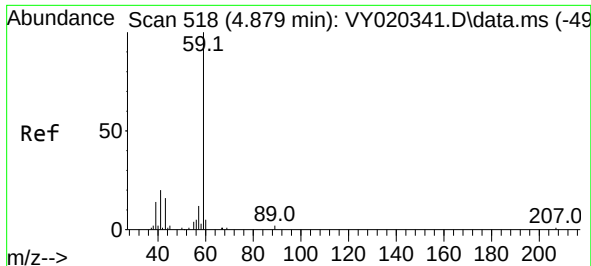
Tgt Ion:168 Resp: 111578
Ion Ratio Lower Upper
168 100
99 63.8 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

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

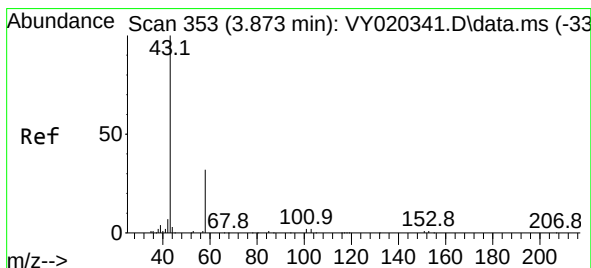
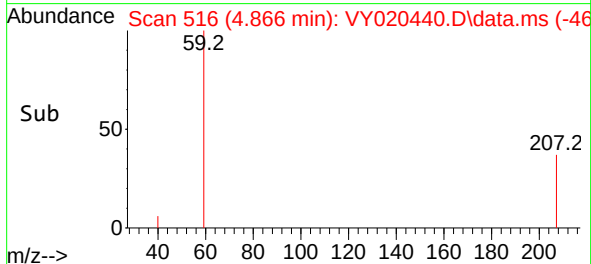
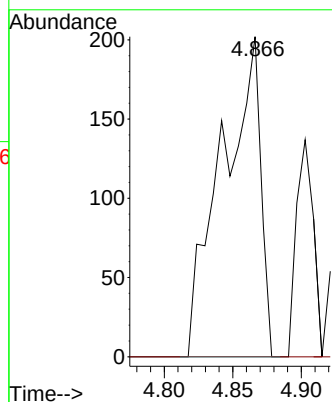
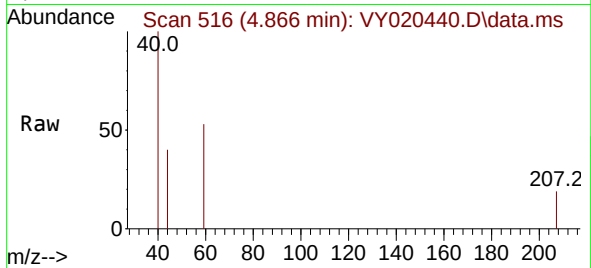




#11
Tert butyl alcohol
Concen: 3.264 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

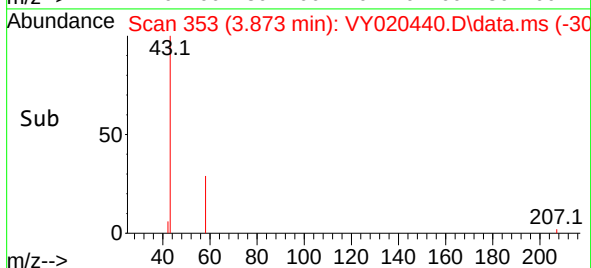
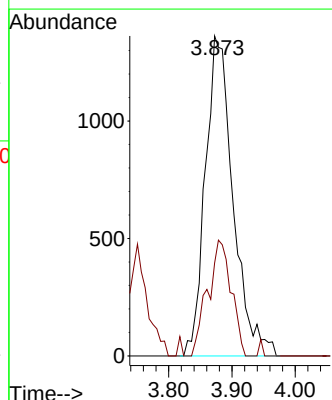
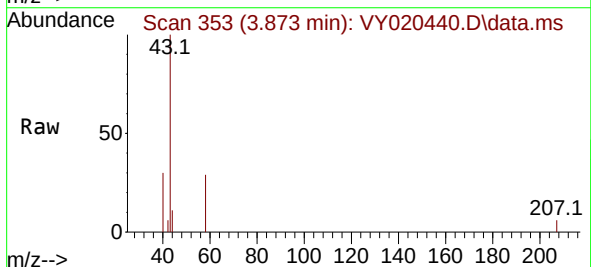
Instrument :
MSVOA_Y
ClientSampleId :

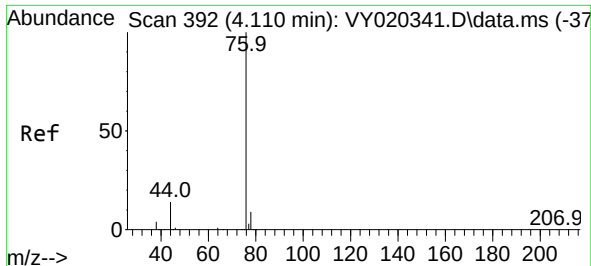
Tgt Ion: 59 Resp: 396
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 13.514 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

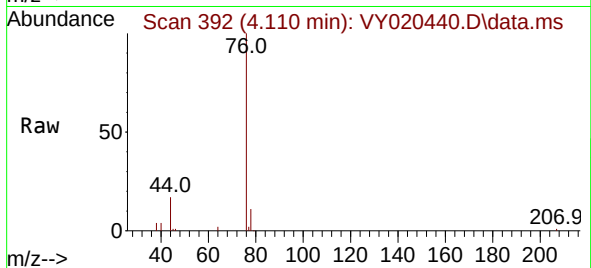
Tgt Ion: 43 Resp: 4153
Ion Ratio Lower Upper
43 100
58 29.0 25.7 38.5



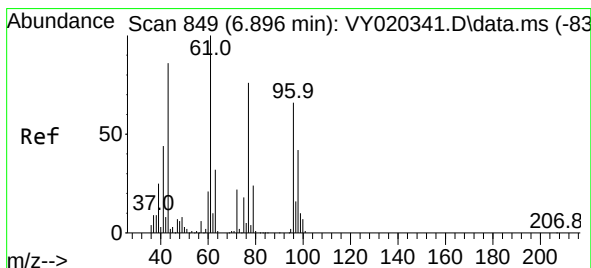
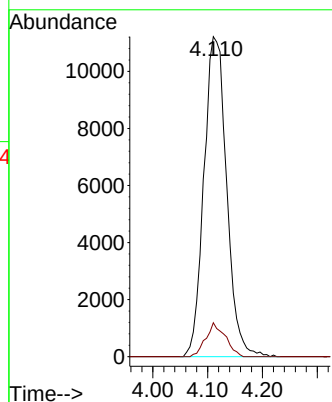
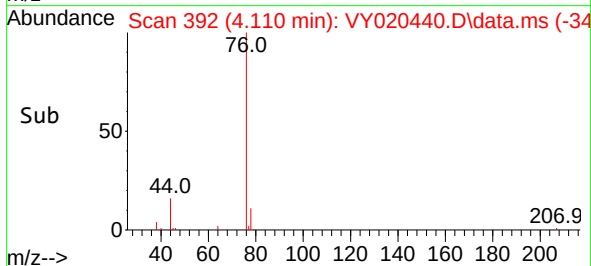


#17
Carbon Disulfide
Concen: 7.872 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :

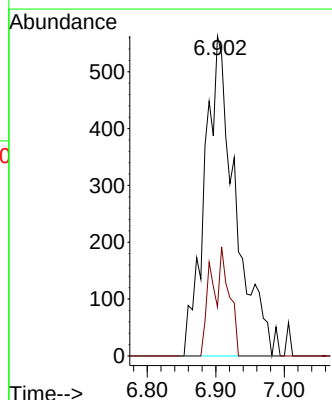
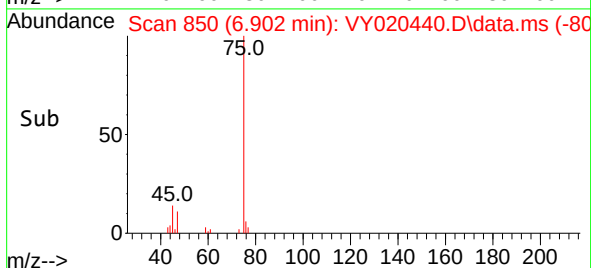
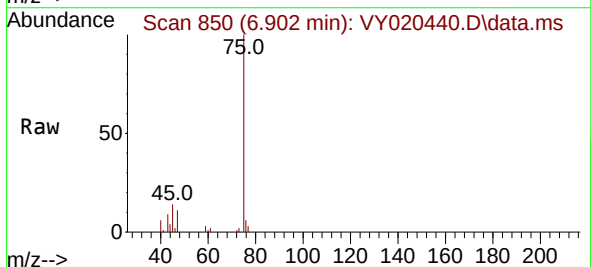


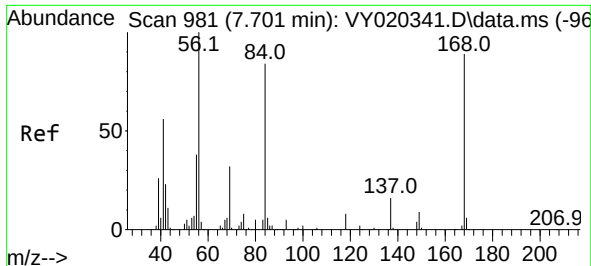
Tgt Ion: 76 Resp: 32281
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9



#25
2-Butanone
Concen: 4.436 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
72 15.3 20.4 30.6#

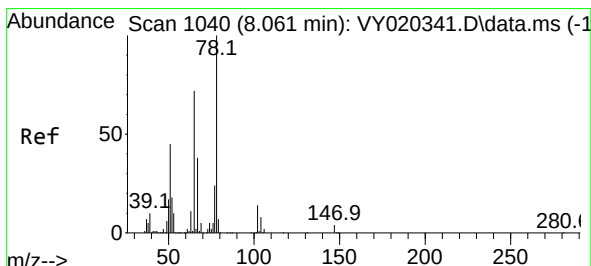
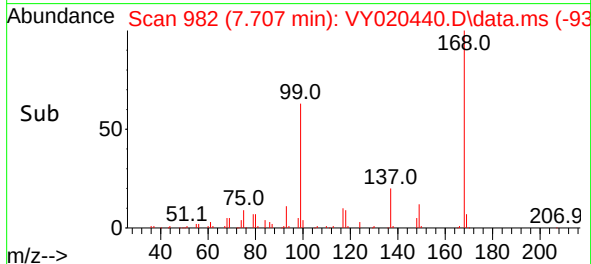
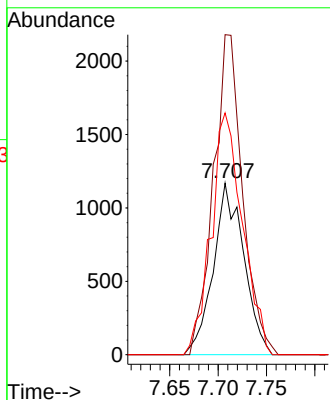
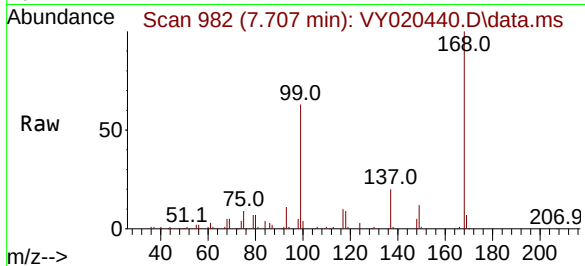




#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

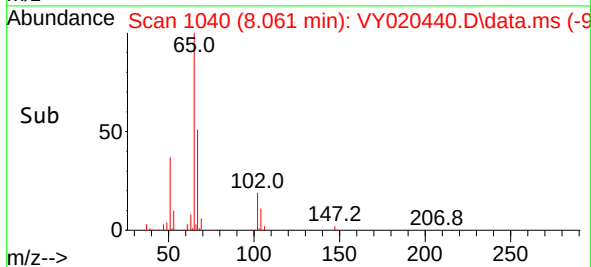
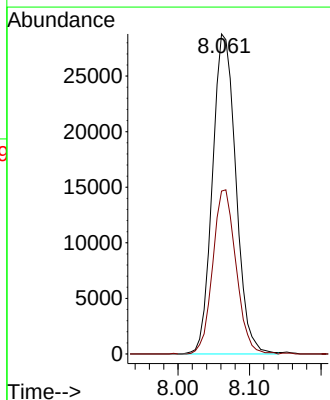
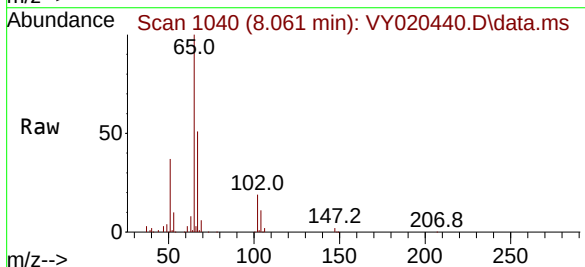
Instrument :
MSVOA_Y
ClientSampleId :

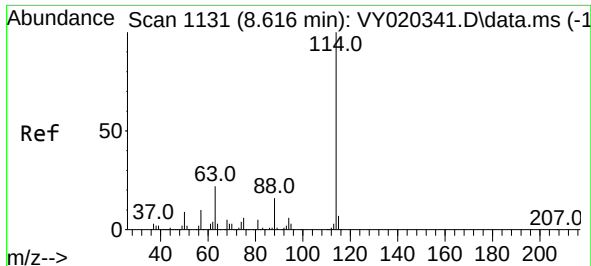
Tgt Ion: 56 Resp: 2558
Ion Ratio Lower Upper
56 100
69 186.5 25.3 37.9#
84 140.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.116 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

Tgt Ion: 65 Resp: 65526
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.8

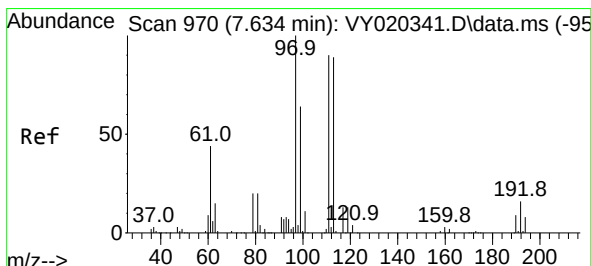
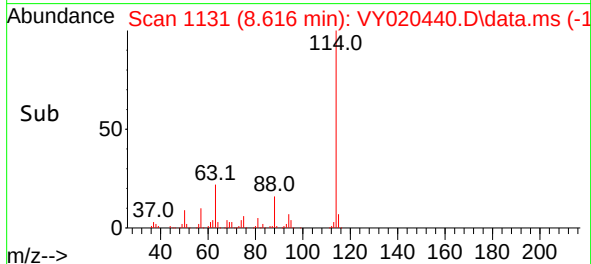
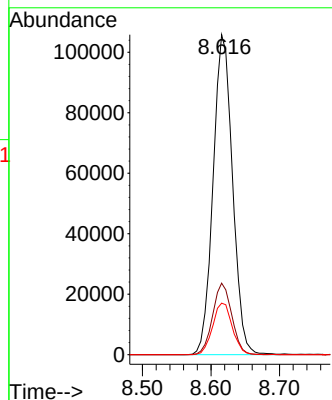
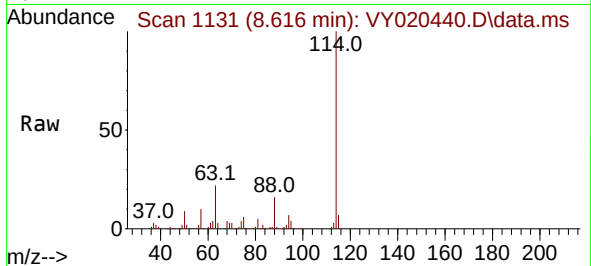




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

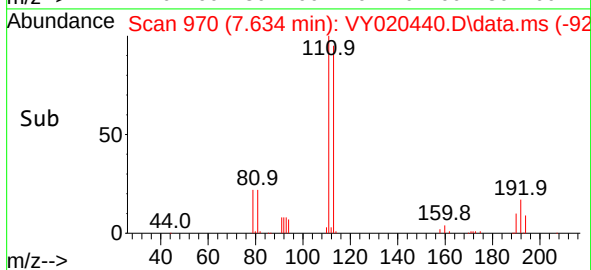
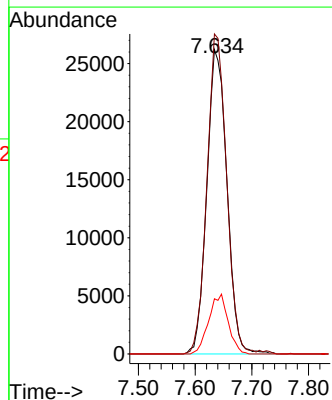
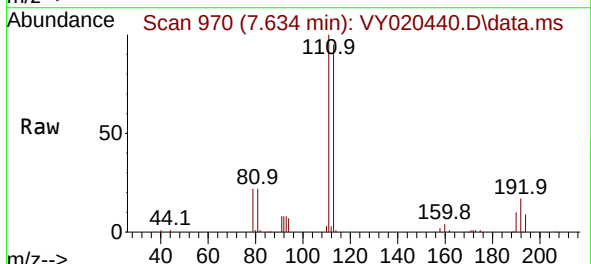
Instrument :
MSVOA_Y
ClientSampleId :

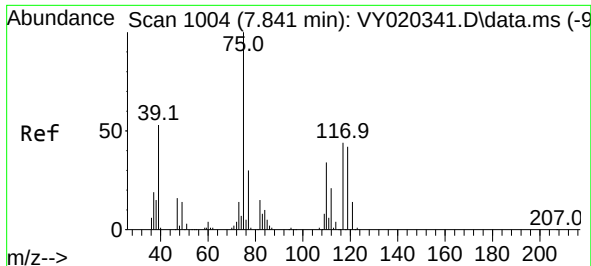
Tgt Ion:114 Resp: 208438
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.8
88 16.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.370 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

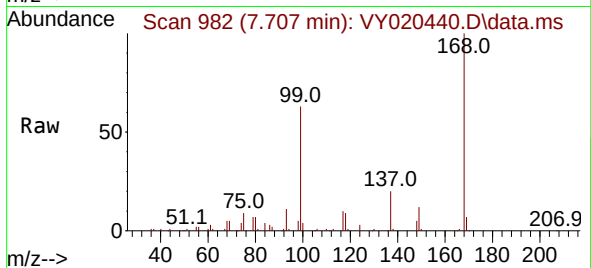
Tgt Ion:113 Resp: 64650
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 19.0 15.1 22.7



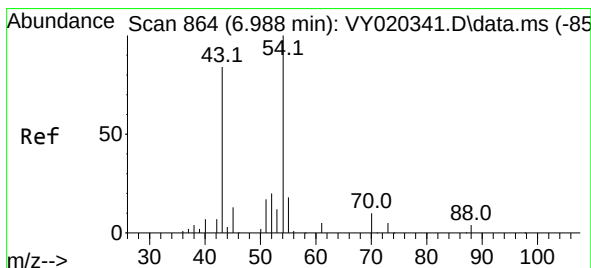
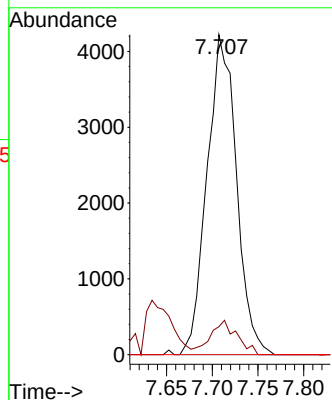
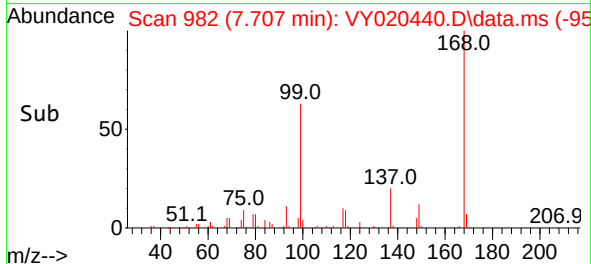


#36
1,1-Dichloropropene
Concen: 4.632 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

Instrument :
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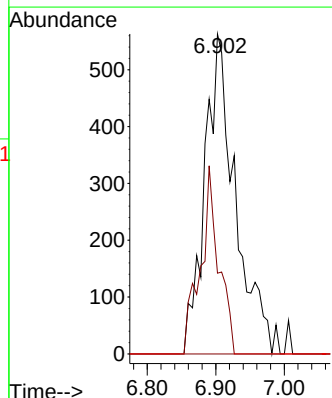
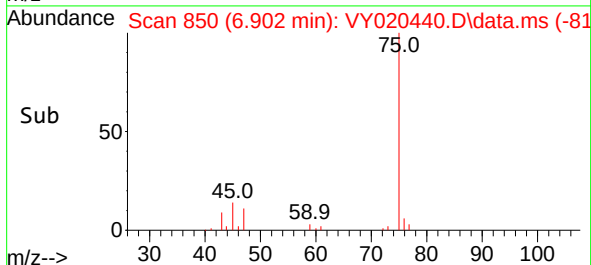
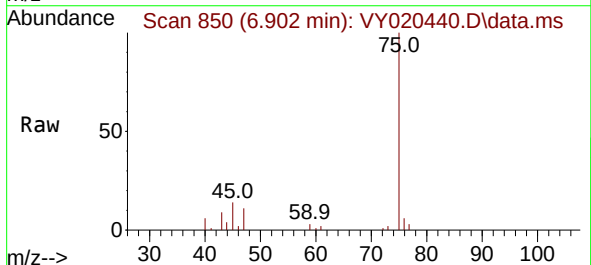


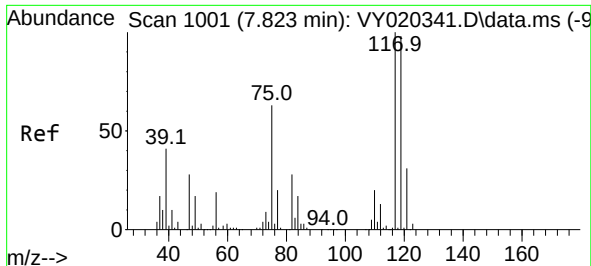
Tgt Ion: 75 Resp: 9456
Ion Ratio Lower Upper
75 100
110 9.7 16.7 50.0#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 1.877 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.085 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

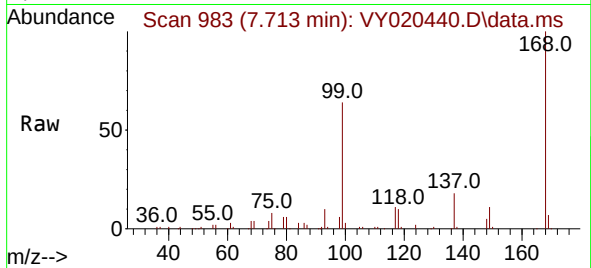
Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
61 35.0 10.7 16.1#
70 0.0 7.3 10.9#



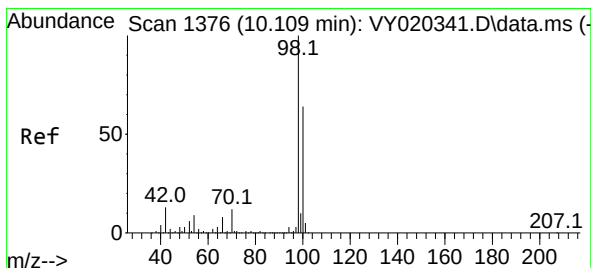
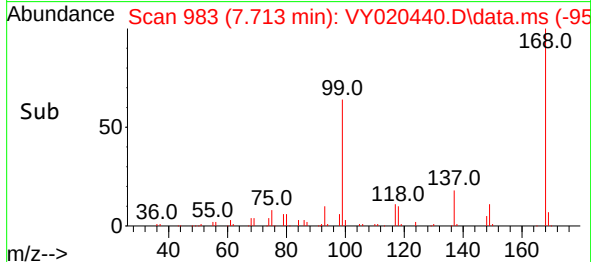
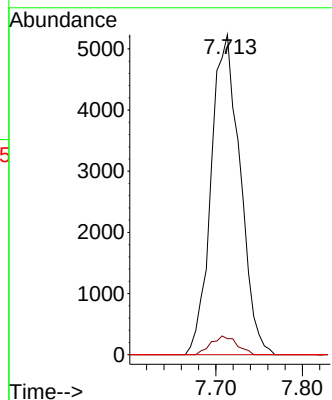


#38
Carbon Tetrachloride
Concen: 5.712 ug/l
RT: 7.713 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :

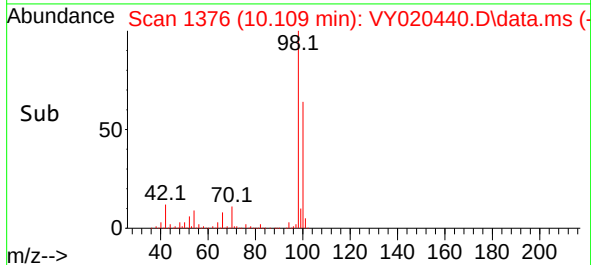
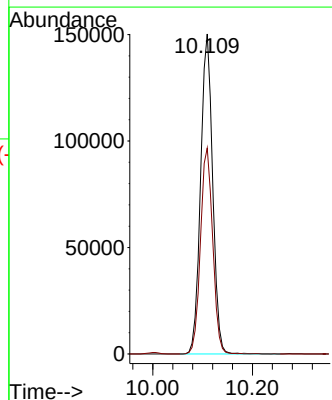
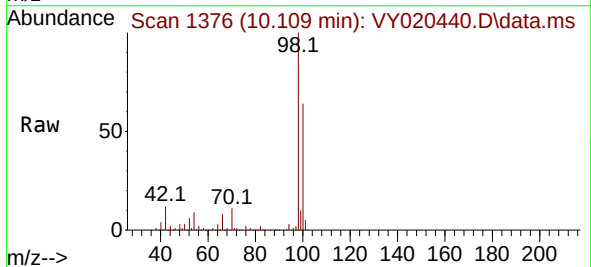


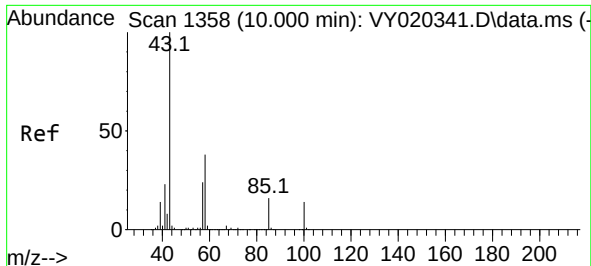
Tgt Ion:117 Resp: 12174
Ion Ratio Lower Upper
117 100
119 5.0 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 47.793 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

Tgt Ion: 98 Resp: 251630
Ion Ratio Lower Upper
98 100
100 65.4 51.3 76.9

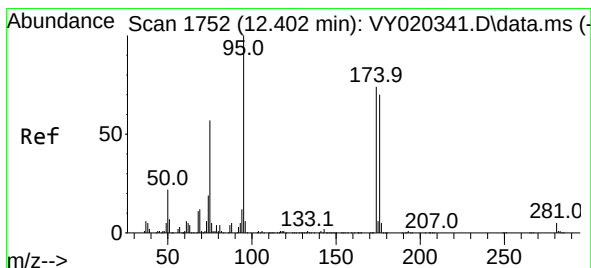
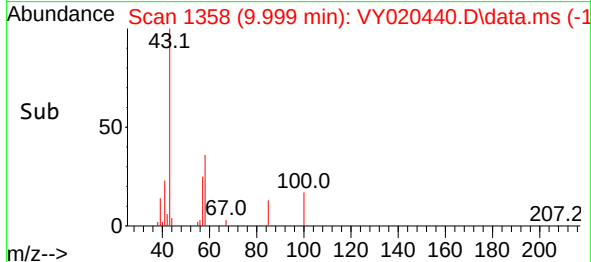
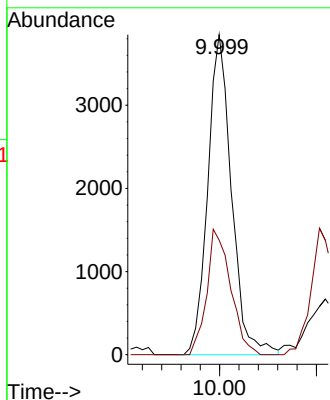
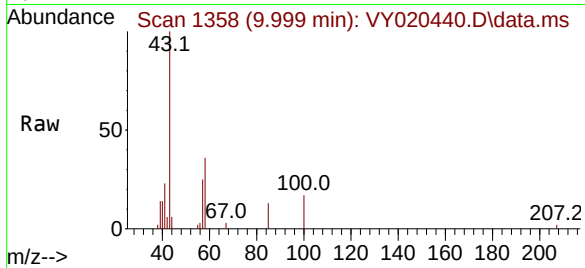




#51
4-Methyl-2-Pentanone
Concen: 7.103 ug/l
RT: 9.999 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

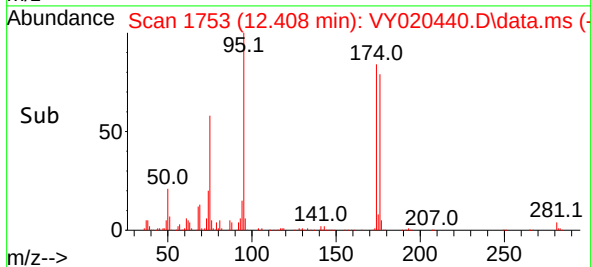
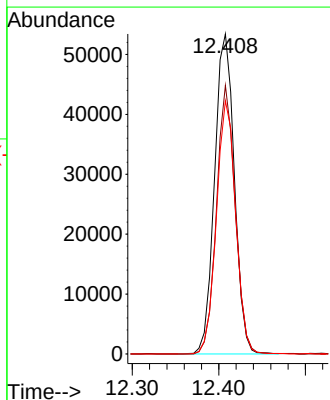
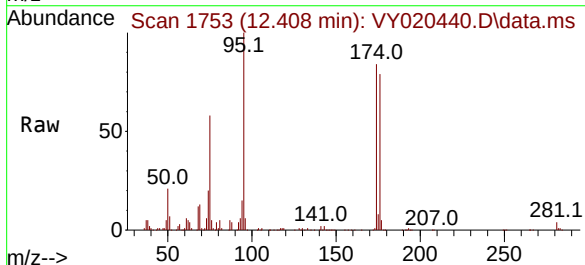
Instrument :
MSVOA_Y
ClientSampleId :

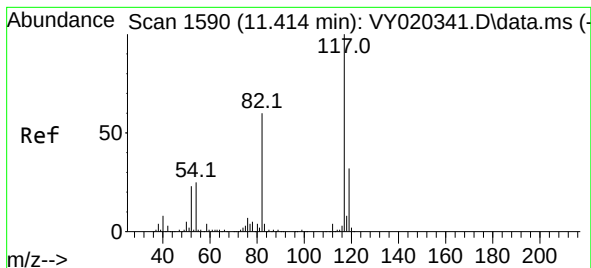
Tgt Ion: 43 Resp: 6555
Ion Ratio Lower Upper
43 100
58 39.3 30.9 46.3



#62
4-Bromofluorobenzene
Concen: 50.032 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

Tgt Ion: 95 Resp: 84681
Ion Ratio Lower Upper
95 100
174 79.3 0.0 156.8
176 77.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020440.D

Acq: 25 Nov 2024 19:17

Instrument :

MSVOA_Y

ClientSampleId :

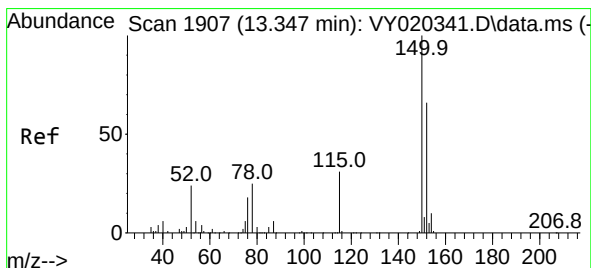
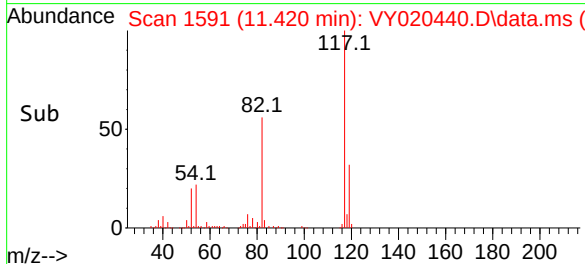
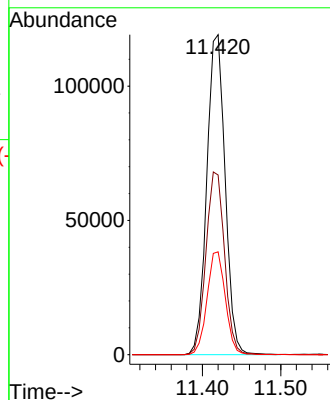
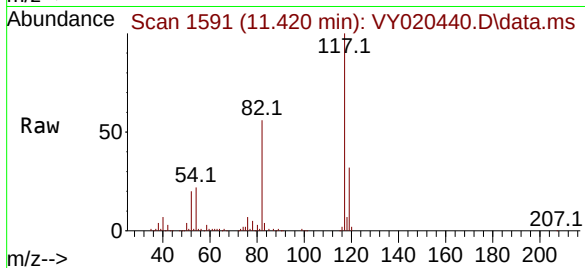
Tgt Ion:117 Resp: 193414

Ion Ratio Lower Upper

117 100

82 56.2 48.2 72.4

119 32.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020440.D

Acq: 25 Nov 2024 19:17

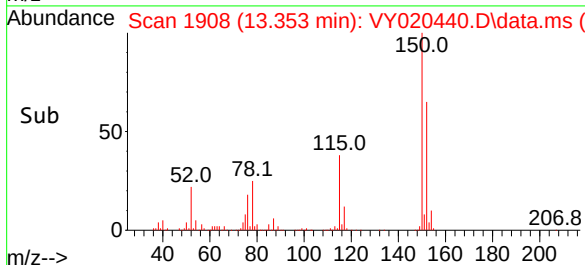
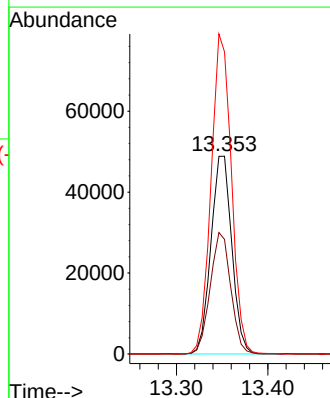
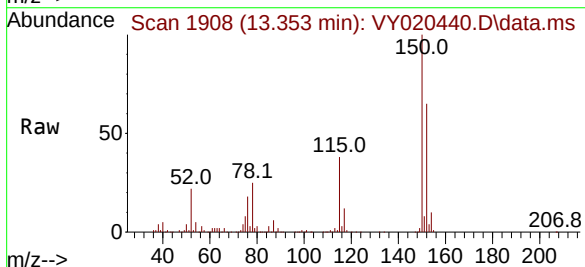
Tgt Ion:152 Resp: 77568

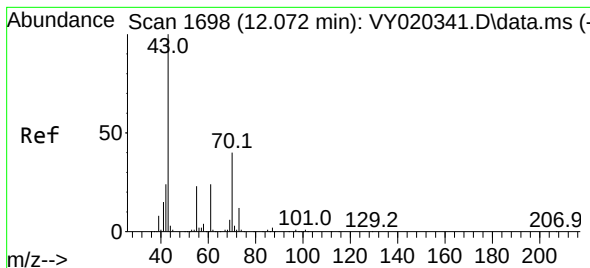
Ion Ratio Lower Upper

152 100

115 60.3 30.0 90.0

150 157.1 0.0 348.2





#74

N-amy1 acetate

Concen: 1.023 ug/l

RT: 12.030 min Scan# 1

Delta R.T. -0.043 min

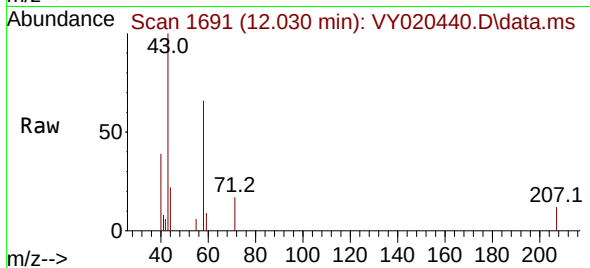
Lab File: VY020440.D

Acq: 25 Nov 2024 19:17

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 1625

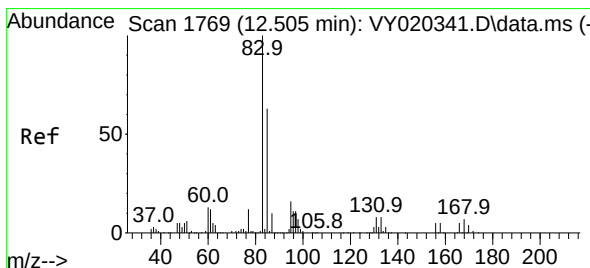
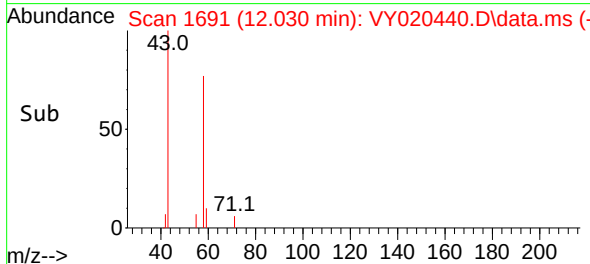
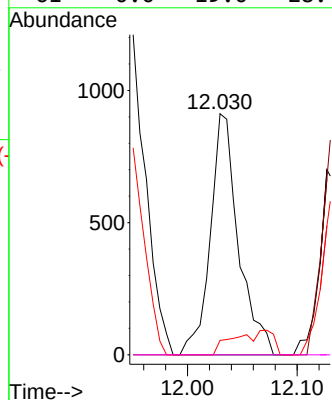
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 0.0 19.3 28.9#

61 0.0 19.0 28.4#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.860 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.030 min

Lab File: VY020440.D

Acq: 25 Nov 2024 19:17

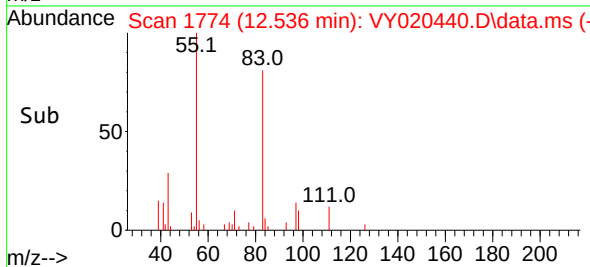
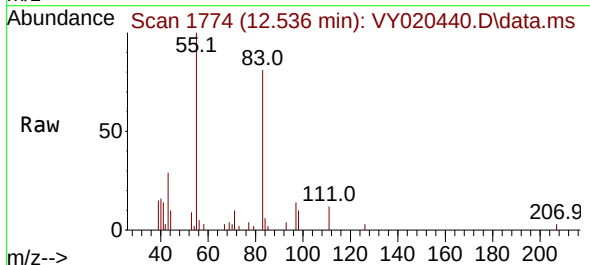
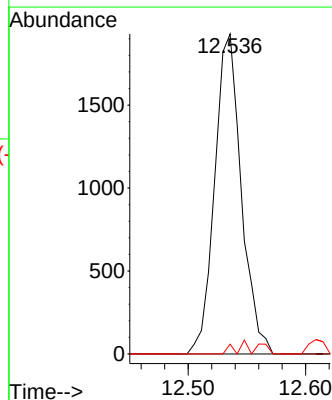
Tgt Ion: 83 Resp: 3037

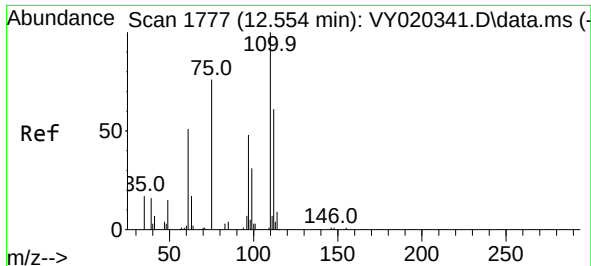
Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 1.0 32.0 96.0#

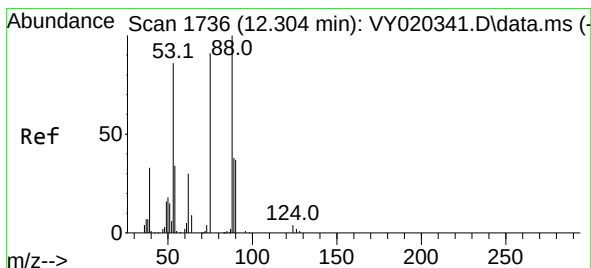
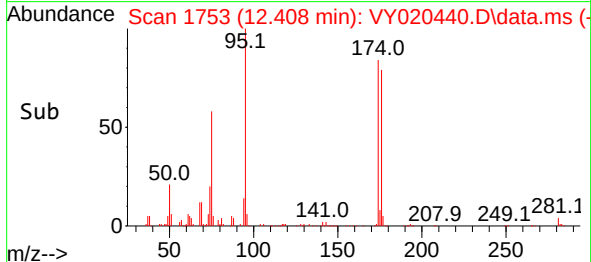
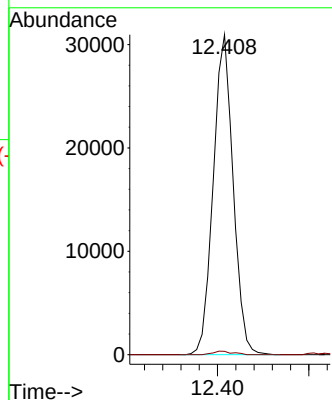
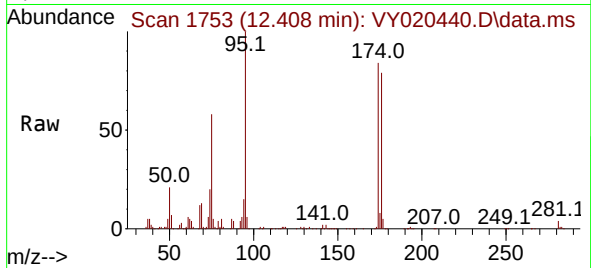




#76
1,2,3-Trichloropropane
Concen: 63.759 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 46614
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.932 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

Tgt Ion: 75 Resp: 46614
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

