

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021925\
 Data File : VY021241.D
 Acq On : 19 Feb 2025 16:59
 Operator : SY/MD
 Sample : Q1380-06
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-192-GW-725-727

Quant Time: Feb 20 00:20:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

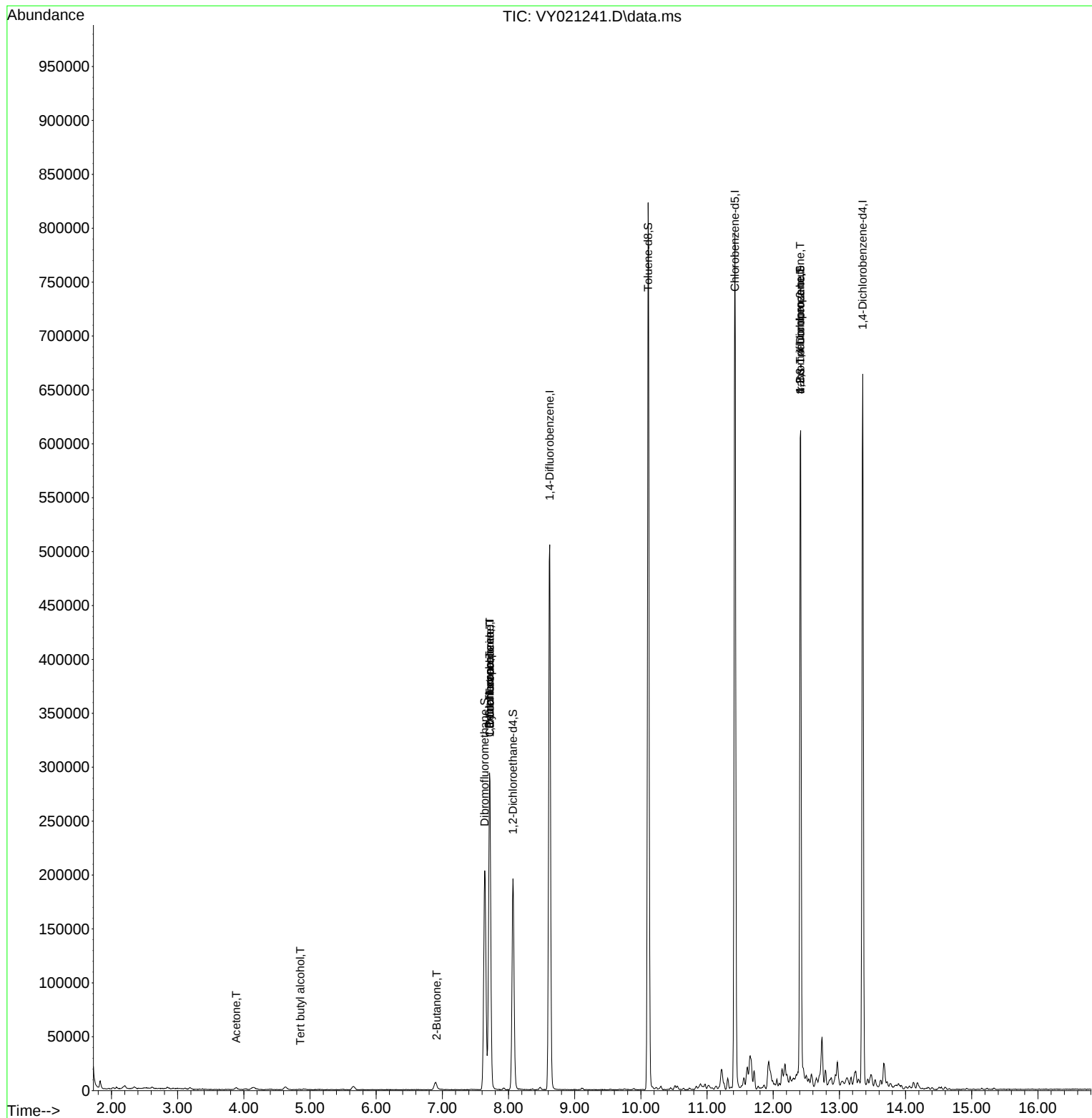
Internal Standards						
1) Pentafluorobenzene	7.713	168	223938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	424683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	405408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	161420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	152740	66.570	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.140%			
35) Dibromofluoromethane	7.640	113	145077	53.305	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.600%			
50) Toluene-d8	10.109	98	520865	50.269	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.540%			
62) 4-Bromofluorobenzene	12.408	95	181908	53.739	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.480%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	203	1.306	ug/l #	75
16) Acetone	3.885	43	3459	9.667	ug/l #	83
25) 2-Butanone	6.915	43	909	1.546	ug/l	99
31) Cyclohexane	7.713	56	4967	1.269	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	18239	4.524	ug/l #	50
38) Carbon Tetrachloride	7.719	117	23013	4.886	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	99133	67.701	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	99133	138.142	ug/l #	12

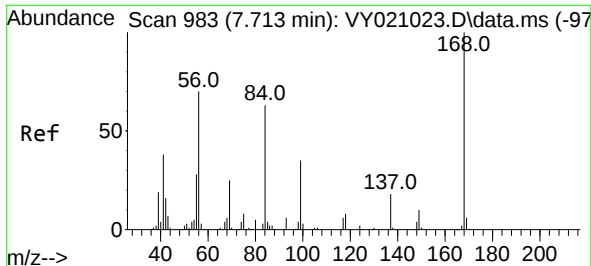
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-192-GW-725-727

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Response via : Initial Calibration

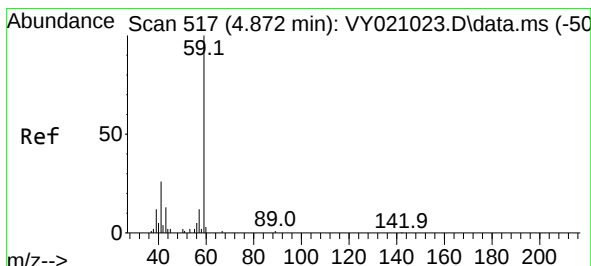
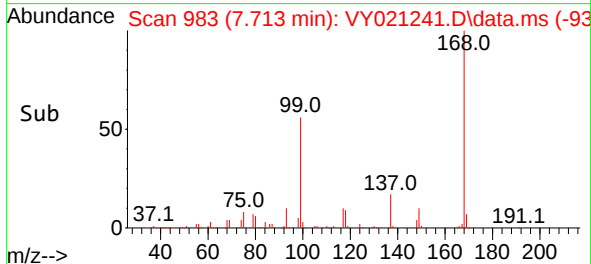
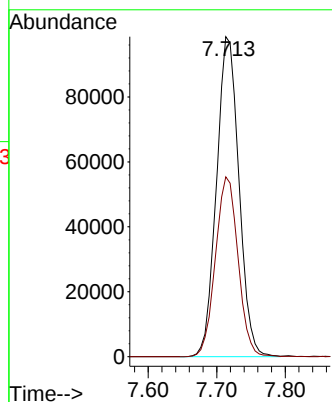
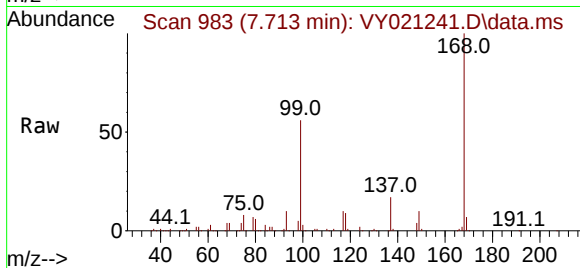




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

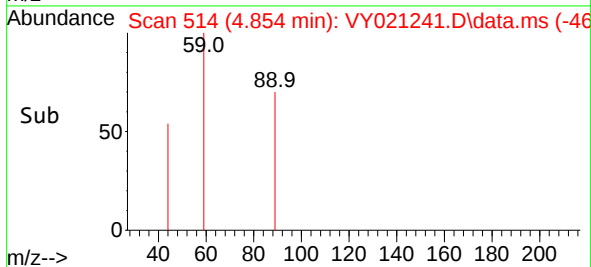
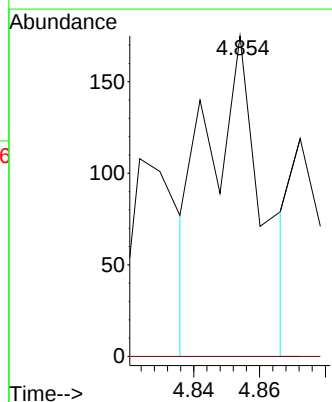
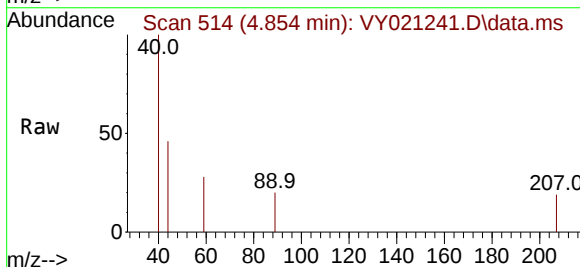
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727

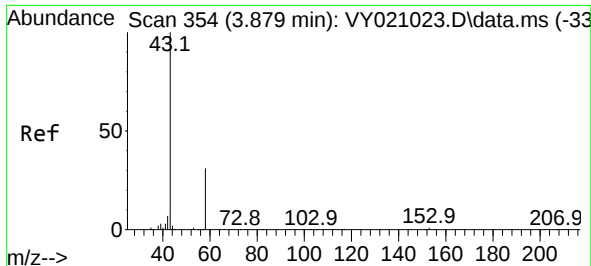
Tgt Ion:168 Resp: 223938
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#11
Tert butyl alcohol
Concen: 1.306 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

Tgt Ion: 59 Resp: 203
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 9.667 ug/l

RT: 3.885 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY021241.D

Acq: 19 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

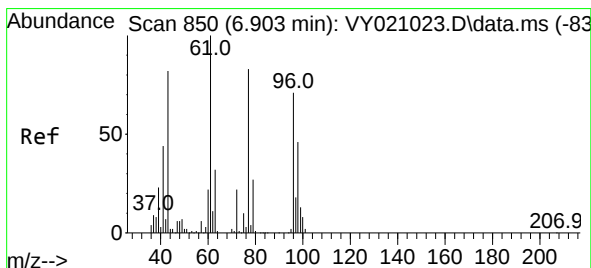
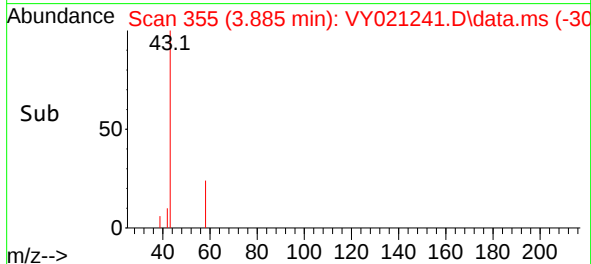
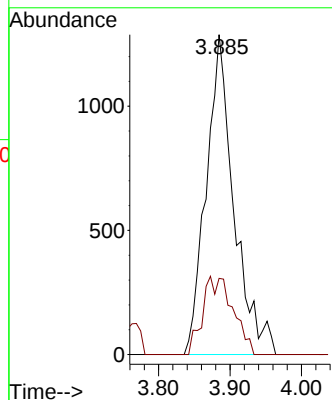
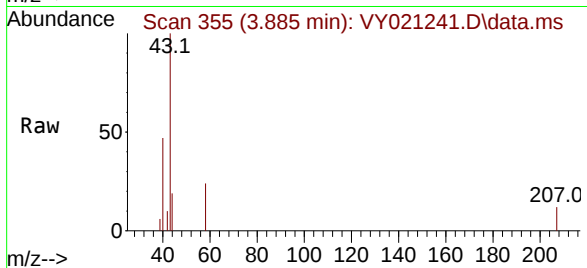
BP-VPB-192-GW-725-727

Tgt Ion: 43 Resp: 3459

Ion Ratio Lower Upper

43 100

58 23.8 26.6 39.8#



#25

2-Butanone

Concen: 1.546 ug/l

RT: 6.915 min Scan# 852

Delta R.T. 0.012 min

Lab File: VY021241.D

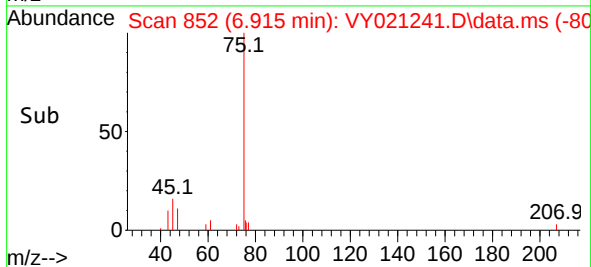
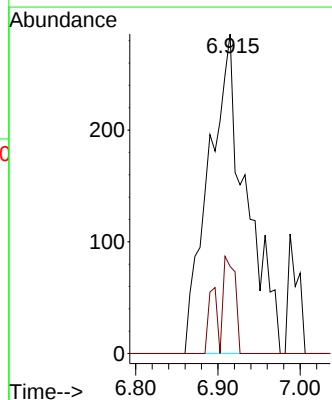
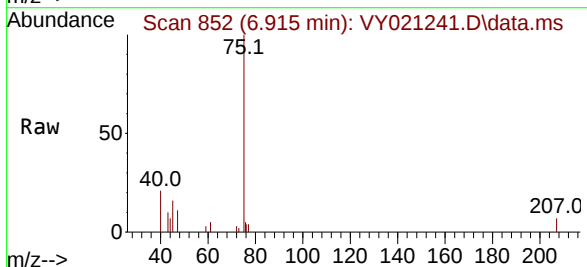
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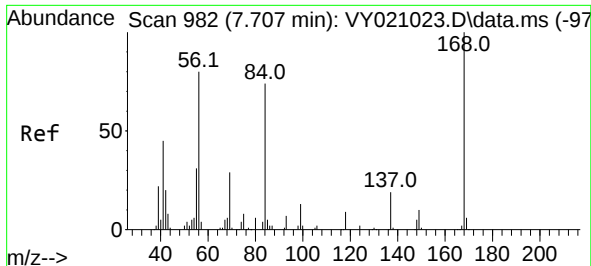
Tgt Ion: 43 Resp: 909

Ion Ratio Lower Upper

43 100

72 27.3 21.4 32.2

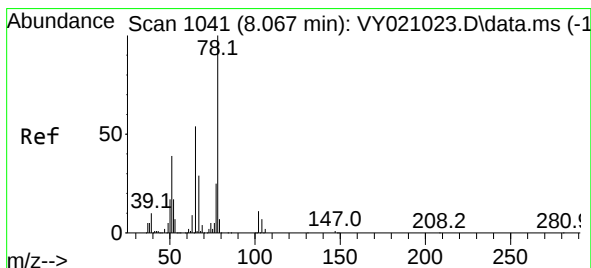
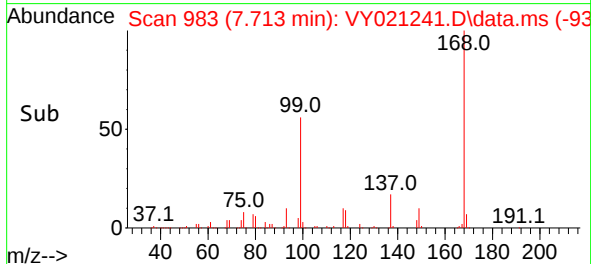
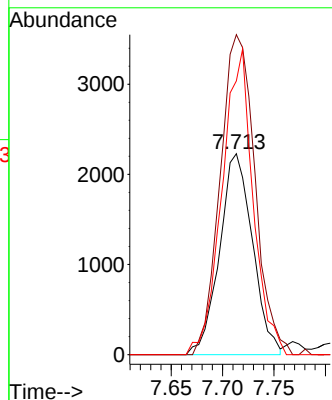
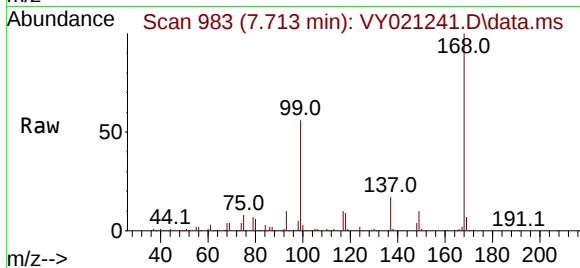




#31
Cyclohexane
Concen: 1.269 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

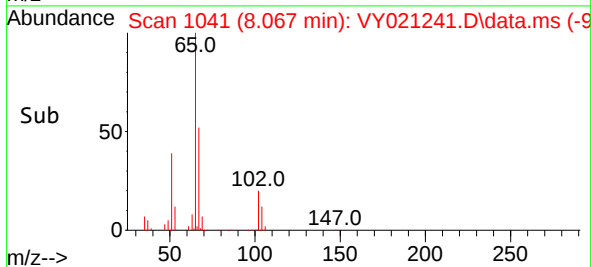
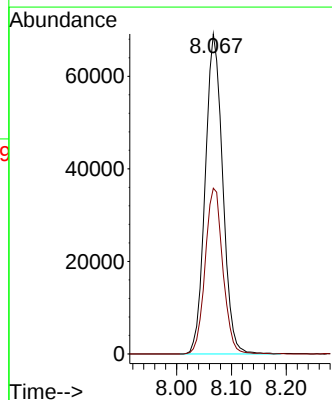
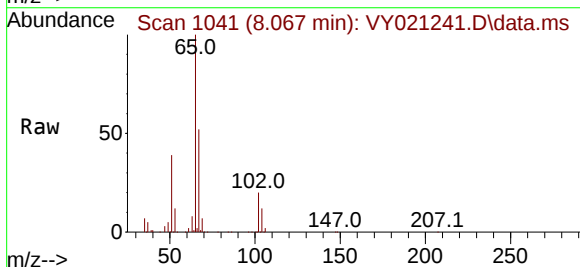
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727

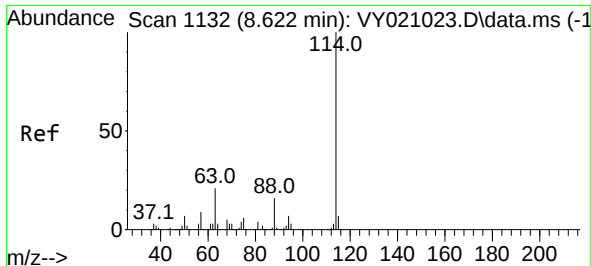
Tgt Ion: 56 Resp: 4967
Ion Ratio Lower Upper
56 100
69 159.2 27.0 40.6#
84 146.8 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 66.570 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

Tgt Ion: 65 Resp: 152740
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.0

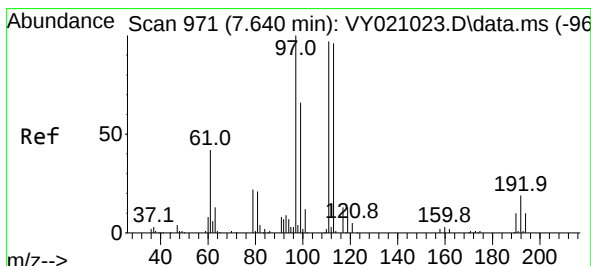
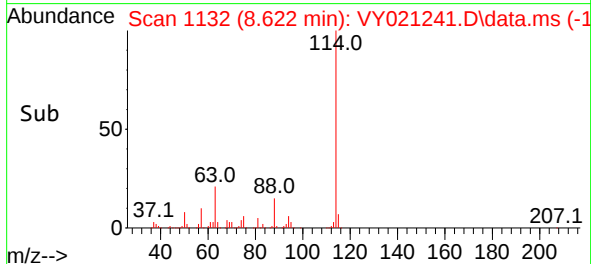
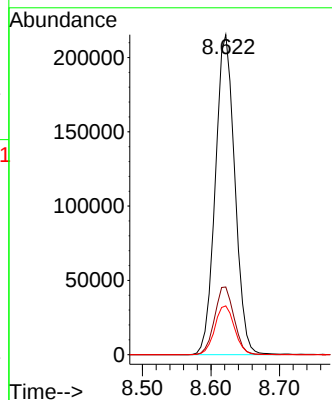
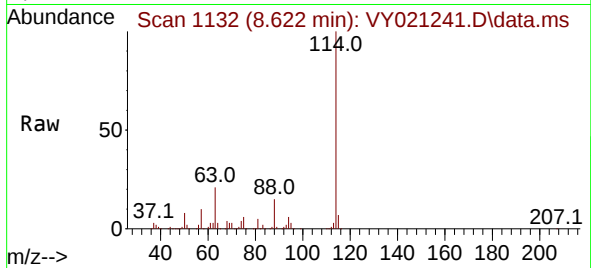




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

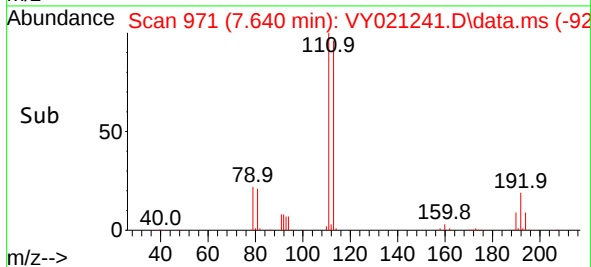
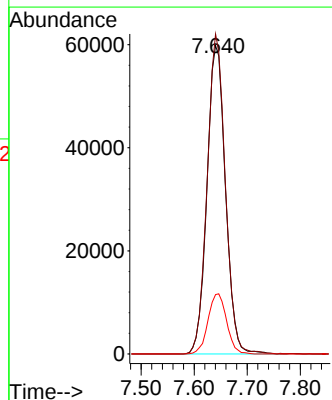
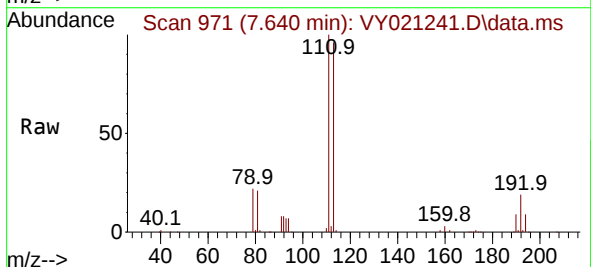
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727

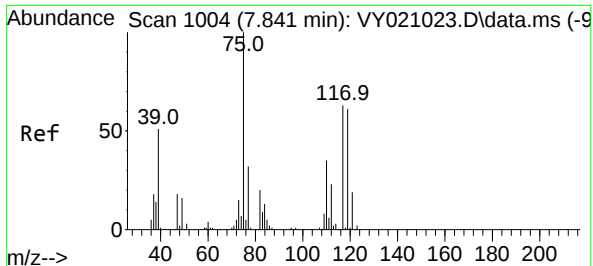
Tgt Ion:	114	Resp:	424683
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	37.4
88	15.3	0.0	29.0



#35
Dibromofluoromethane
Concen: 53.305 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

Tgt Ion:	113	Resp:	145077
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.8	125.6
192	19.6	14.5	21.7





#36

1,1-Dichloropropene

Concen: 4.524 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.122 min

Lab File: VY021241.D

Acq: 19 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-725-727

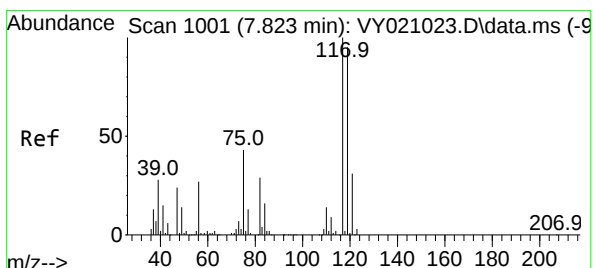
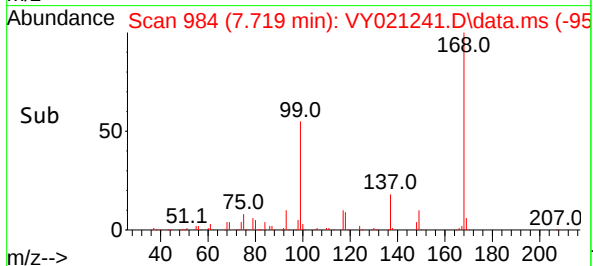
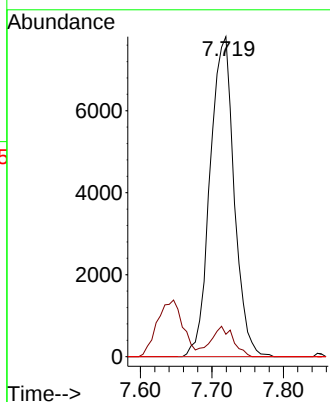
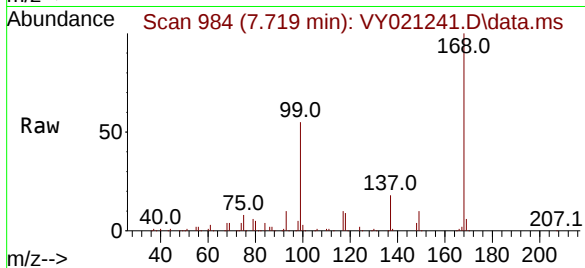
Tgt Ion: 75 Resp: 18239

Ion Ratio Lower Upper

75 100

110 8.6 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.886 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.104 min

Lab File: VY021241.D

Acq: 19 Feb 2025 16:59

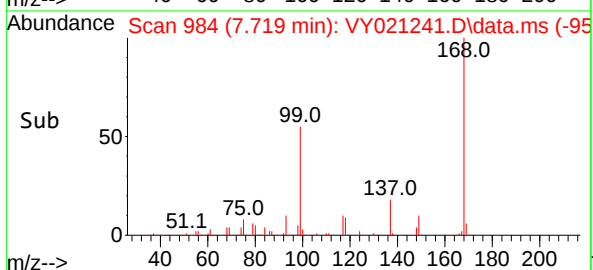
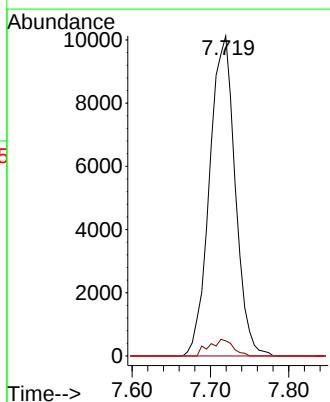
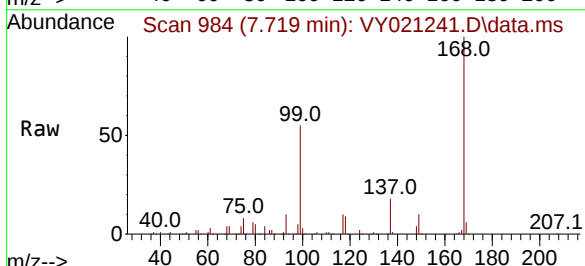
Tgt Ion: 117 Resp: 23013

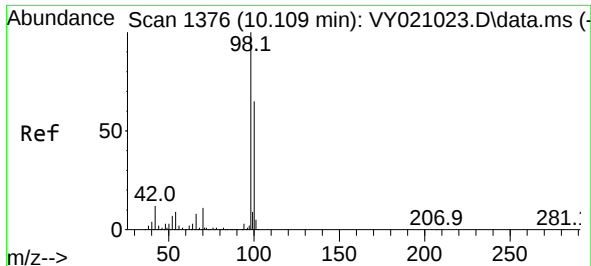
Ion Ratio Lower Upper

117 100

119 4.8 76.0 114.0#

121 0.0 24.2 36.2#

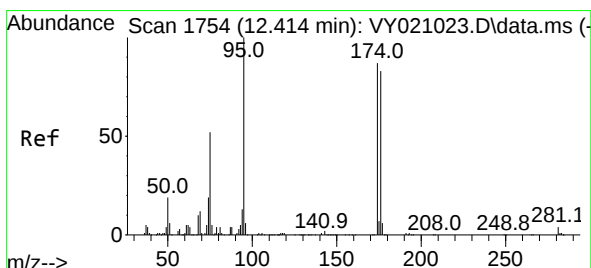
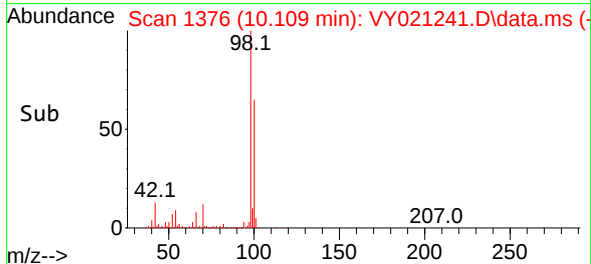
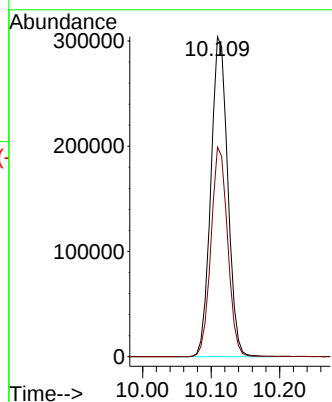
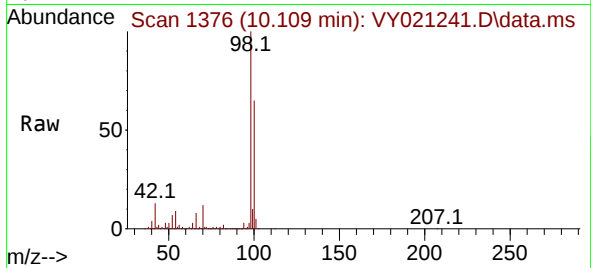




#50
Toluene-d8
Concen: 50.269 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

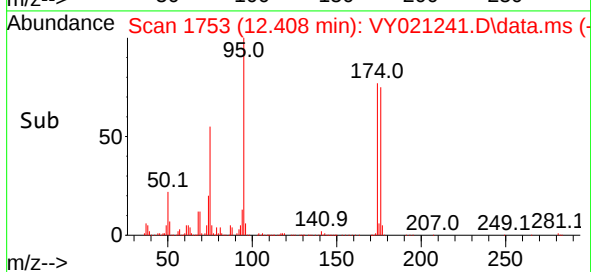
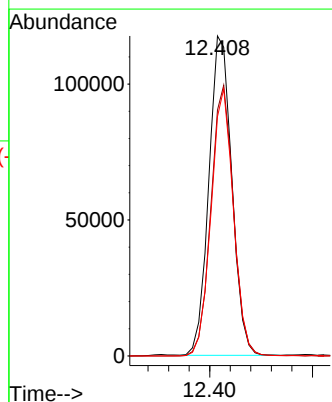
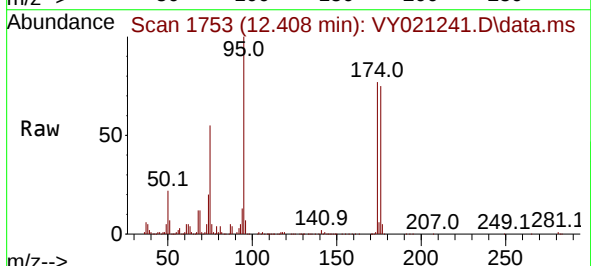
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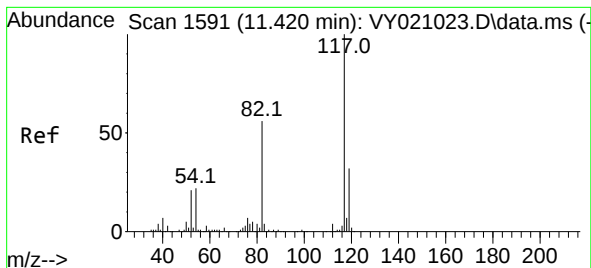
Tgt Ion: 98 Resp: 520865
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 53.739 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

Tgt Ion: 95 Resp: 181908
Ion Ratio Lower Upper
95 100
174 83.5 0.0 160.0
176 81.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021241.D

Acq: 19 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-725-727

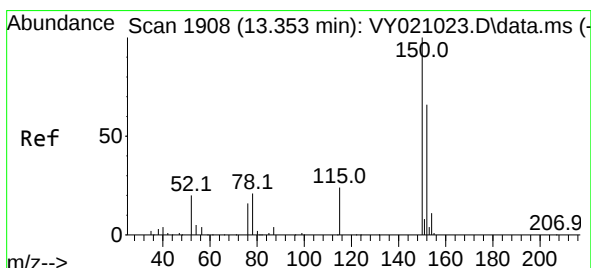
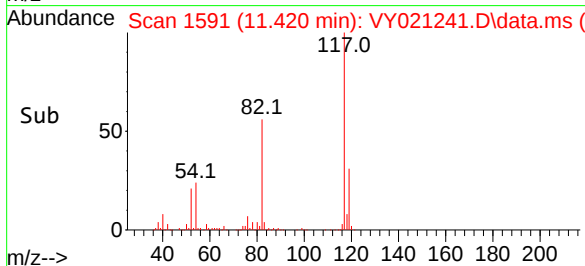
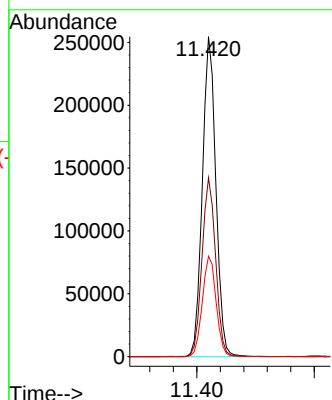
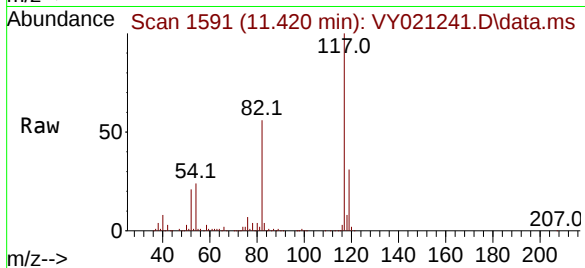
Tgt Ion:117 Resp: 405408

Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

119 31.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021241.D

Acq: 19 Feb 2025 16:59

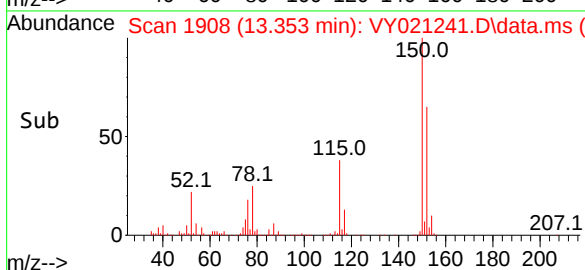
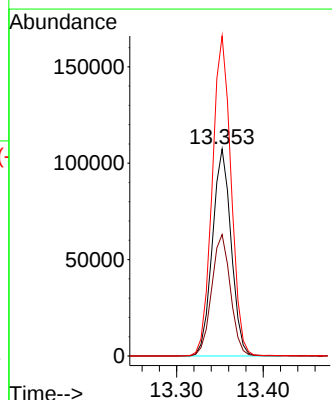
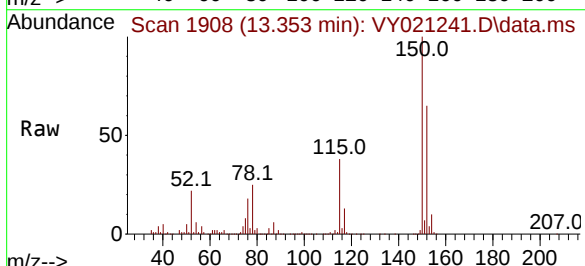
Tgt Ion:152 Resp: 161420

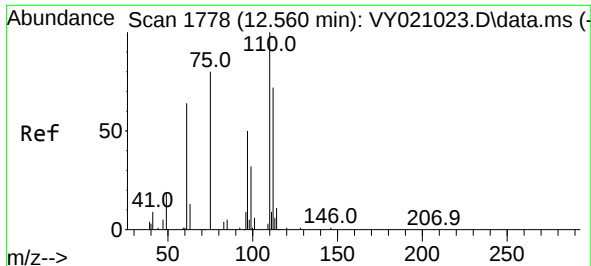
Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 155.1 0.0 344.6

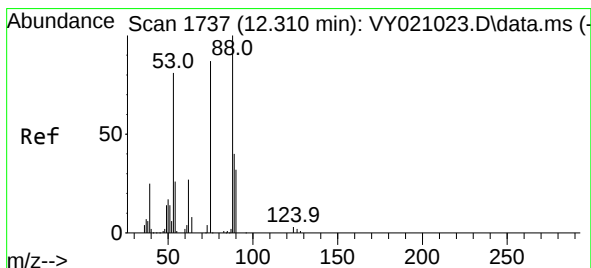
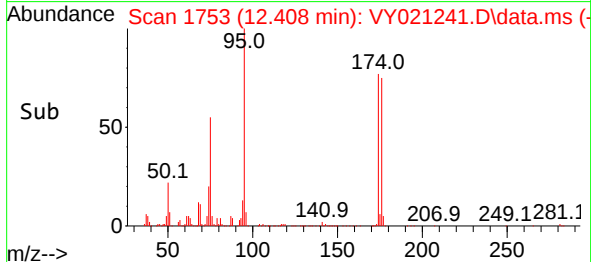
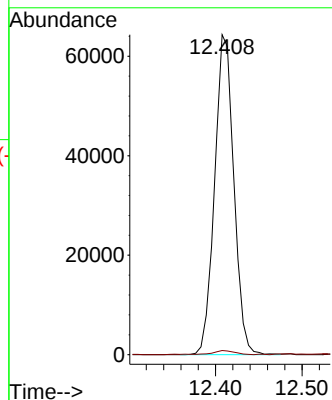
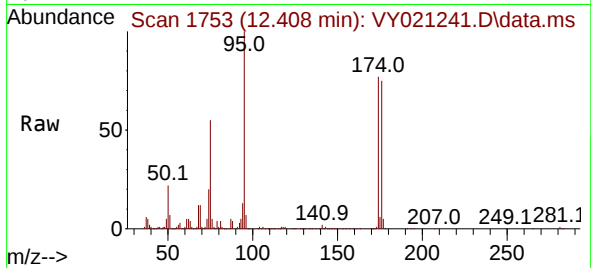




#76
1,2,3-Trichloropropane
Concen: 67.701 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727

Tgt Ion: 75 Resp: 99133
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.142 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY021241.D
Acq: 19 Feb 2025 16:59

Tgt Ion: 75 Resp: 99133
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.0 36.5 54.7#

