

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020954.D
 Acq On : 27 Jan 2025 17:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 28 01:16:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

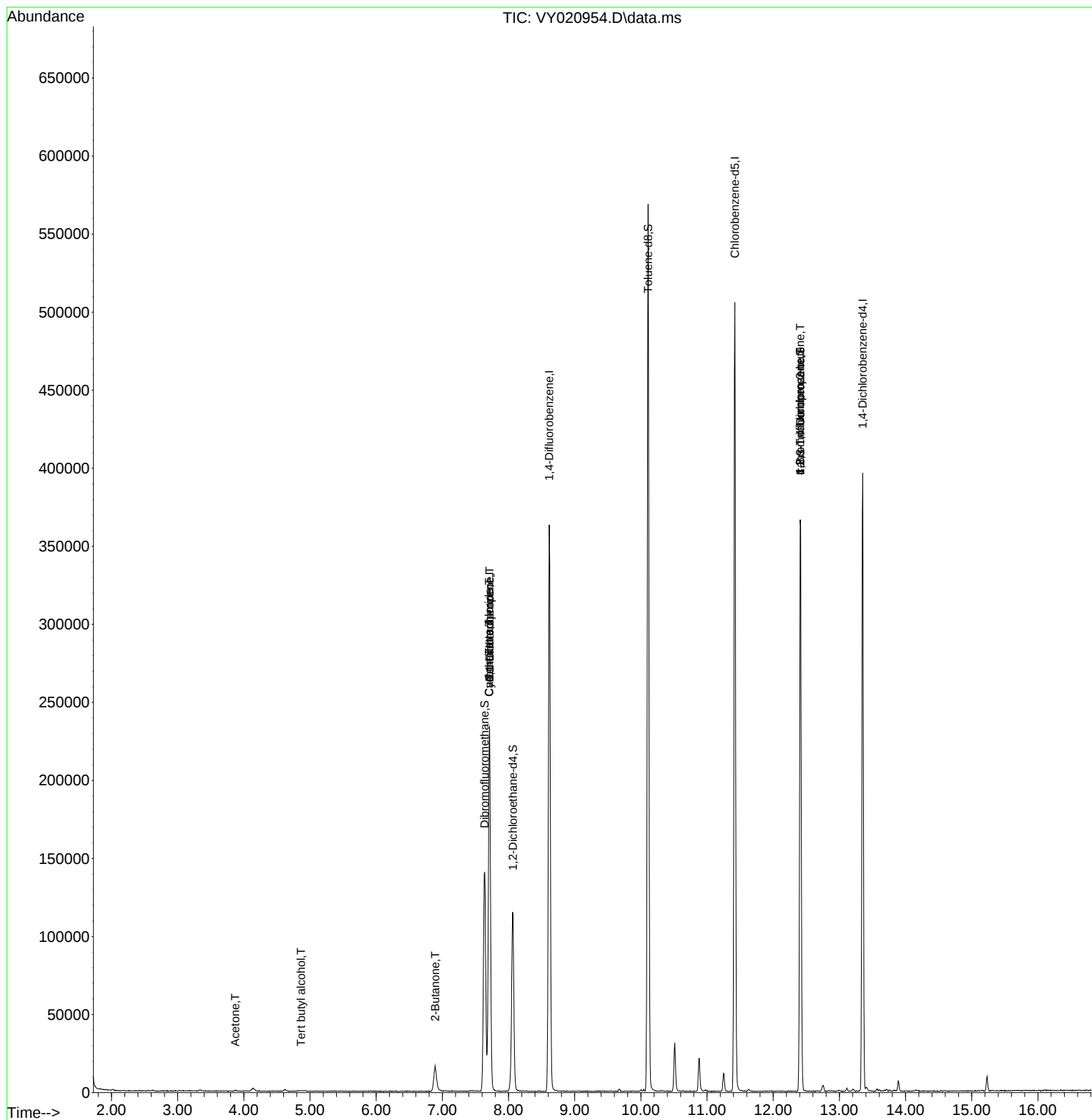
Internal Standards						
1) Pentafluorobenzene	7.713	168	190116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	325308	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	278724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	106802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	90537	59.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.460%	
35) Dibromofluoromethane	7.640	113	103164	55.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.480%	
50) Toluene-d8	10.109	98	377656	52.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.408	95	111433	46.222	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	579	4.948	ug/l #	74
16) Acetone	3.873	43	904	4.402	ug/l #	77
25) 2-Butanone	6.890	43	848	2.438	ug/l	93
31) Cyclohexane	7.707	56	3162	1.171	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	12812	4.914	ug/l #	49
38) Carbon Tetrachloride	7.707	117	17992	5.722	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	56137	74.341	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	56137	143.626	ug/l #	15

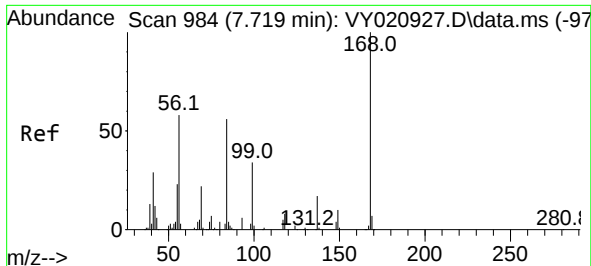
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
Data File : VY020954.D
Acq On : 27 Jan 2025 17:35
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 28 01:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 25 01:12:18 2025
Response via : Initial Calibration

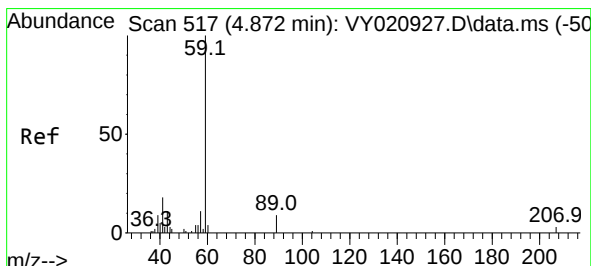
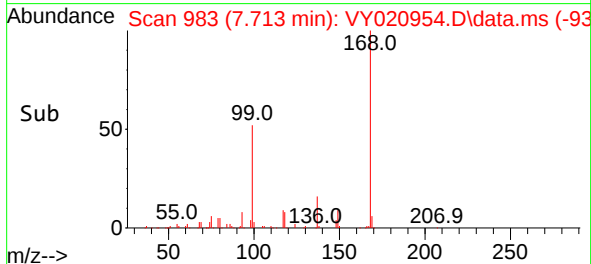
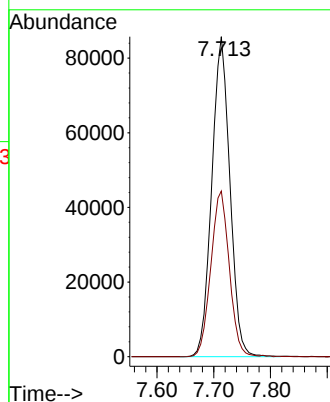
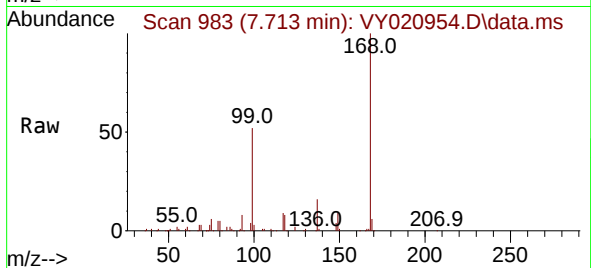




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020954.D
Acq: 27 Jan 2025 17:35

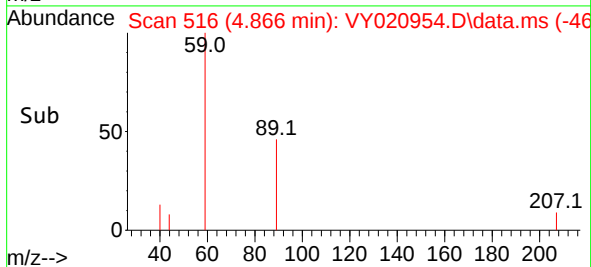
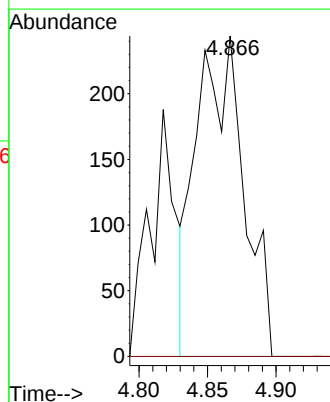
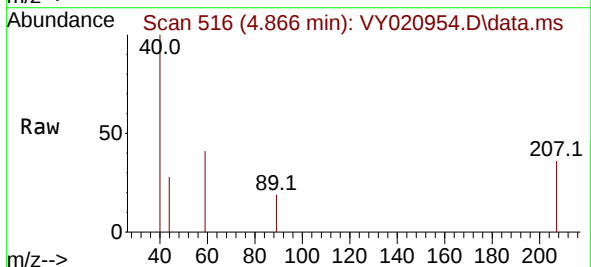
Instrument :
MSVOA_Y
ClientSampleId :

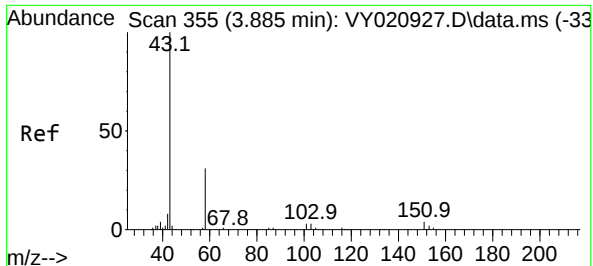
Tgt Ion:168 Resp: 190116
Ion Ratio Lower Upper
168 100
99 51.7 43.0 64.6



#11
Tert butyl alcohol
Concen: 4.948 ug/l
RT: 4.866 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY020954.D
Acq: 27 Jan 2025 17:35

Tgt Ion: 59 Resp: 579
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 4.402 ug/l

RT: 3.873 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY020954.D

Acq: 27 Jan 2025 17:35

Instrument :

MSVOA_Y

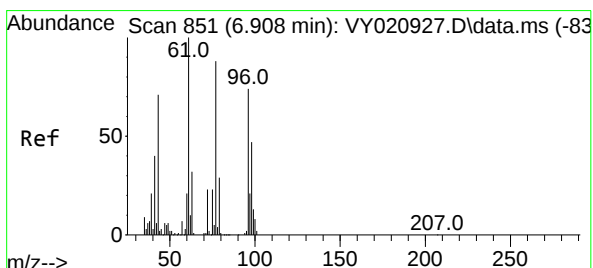
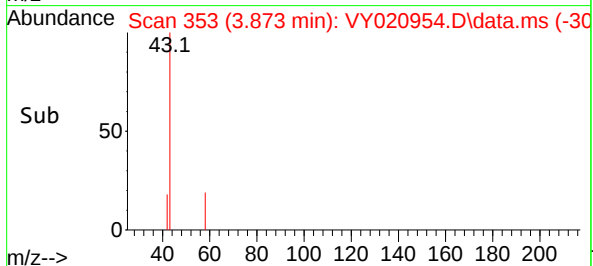
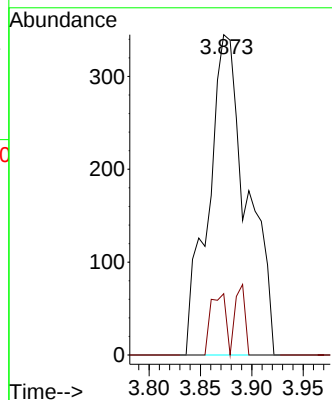
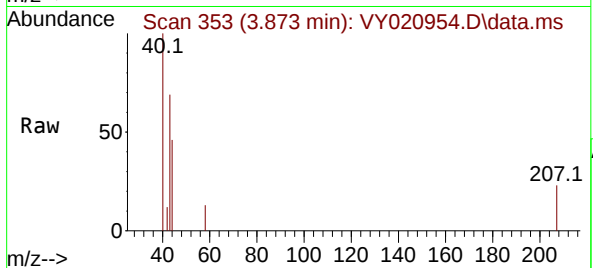
ClientSampleId :

Tgt Ion: 43 Resp: 904

Ion Ratio Lower Upper

43 100

58 19.1 25.6 38.4#



#25

2-Butanone

Concen: 2.438 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.018 min

Lab File: VY020954.D

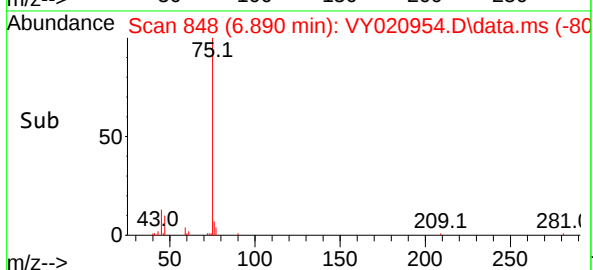
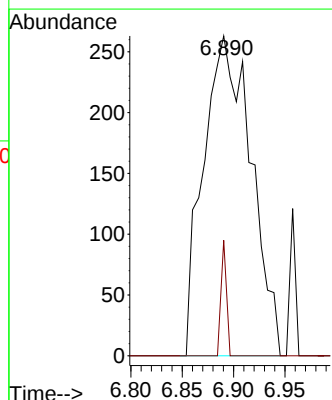
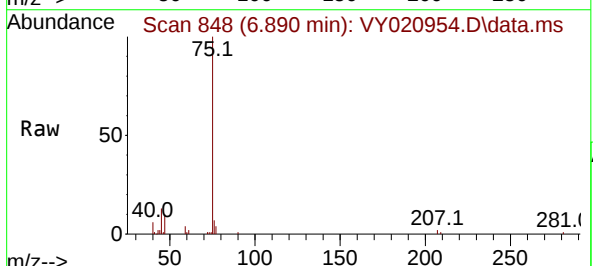
Acq: 27 Jan 2025 17:35

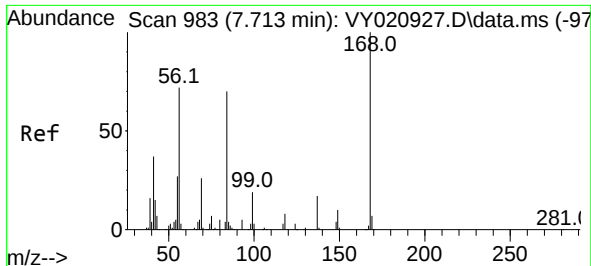
Tgt Ion: 43 Resp: 848

Ion Ratio Lower Upper

43 100

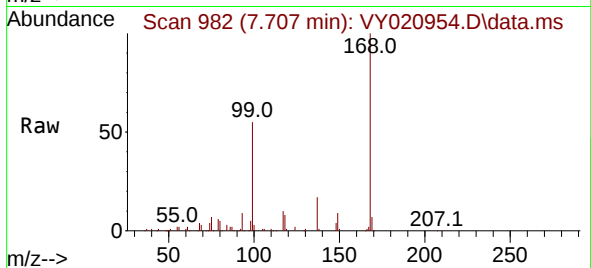
72 36.1 25.8 38.8



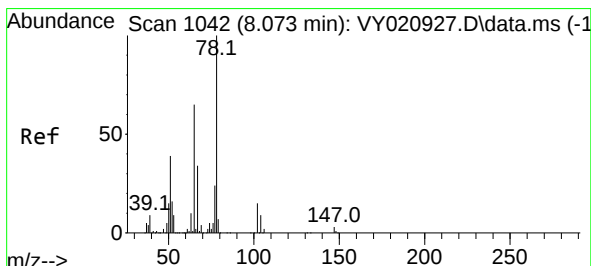
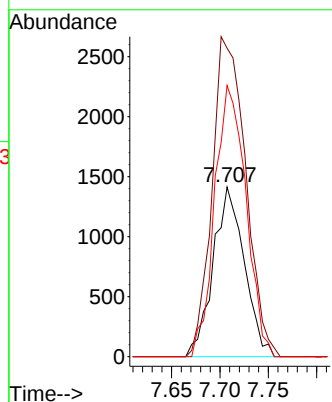
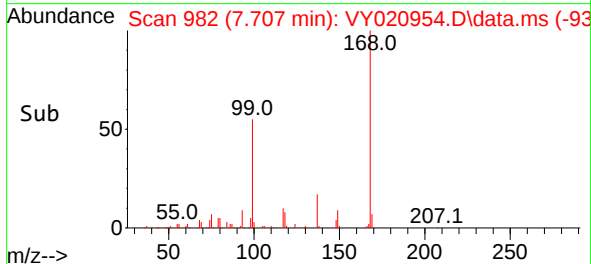


#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020954.D
Acq: 27 Jan 2025 17:35

Instrument :
MSVOA_Y
ClientSampleId :

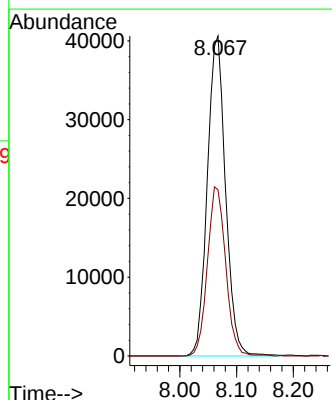
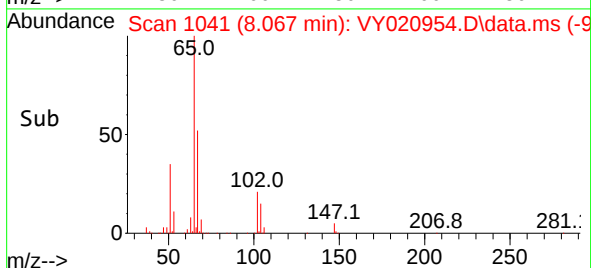
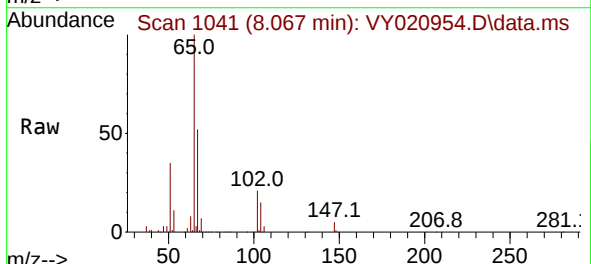


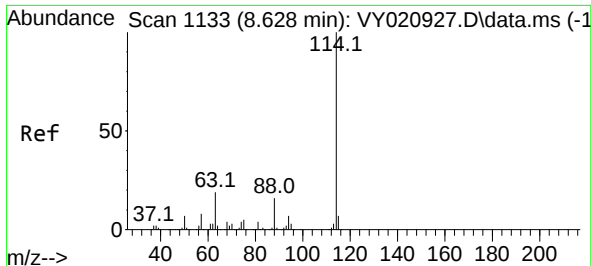
Tgt Ion: 56 Resp: 3162
Ion Ratio Lower Upper
56 100
69 181.9 28.7 43.1#
84 159.9 77.4 116.0#



#33
1,2-Dichloroethane-d4
Concen: 59.729 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020954.D
Acq: 27 Jan 2025 17:35

Tgt Ion: 65 Resp: 90537
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8

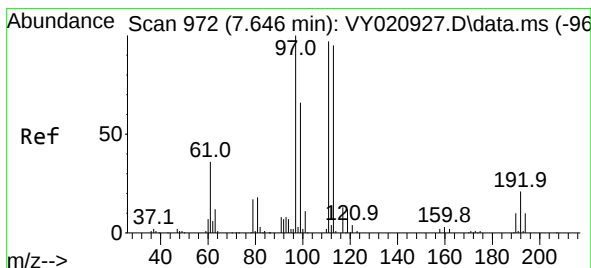
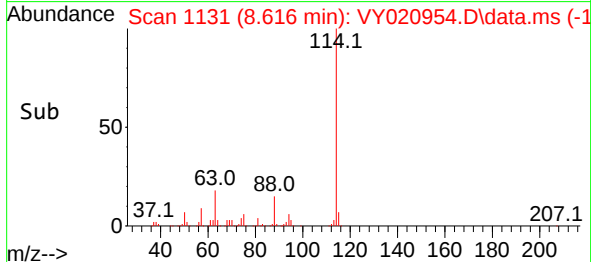
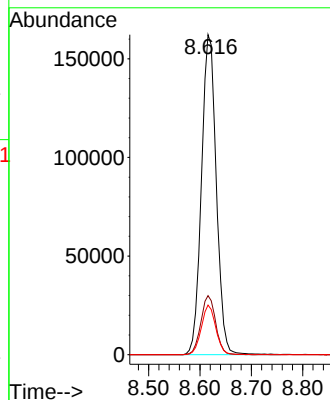
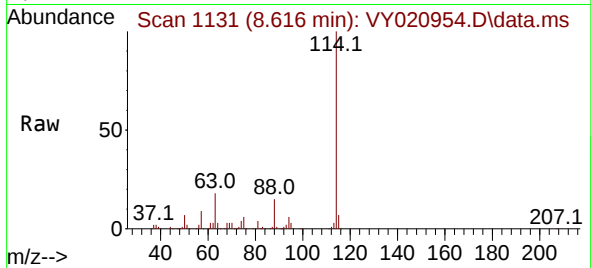




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1133
Delta R.T. -0.012 min
Lab File: VY020954.D
Acq: 27 Jan 2025 17:35

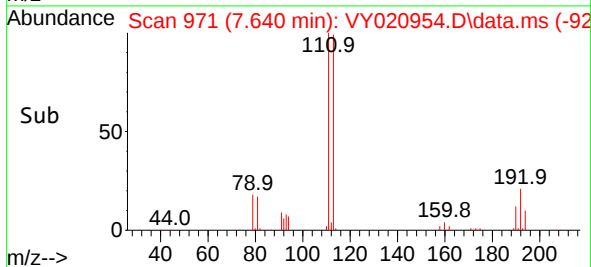
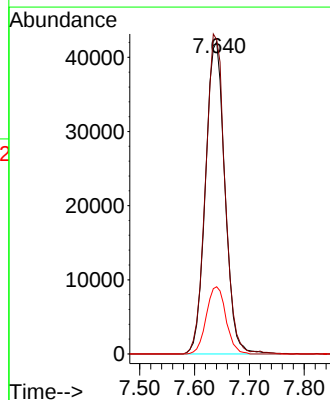
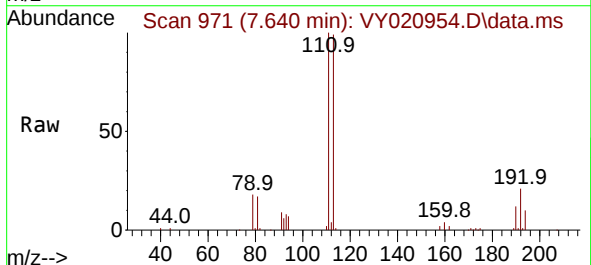
Instrument :
MSVOA_Y
ClientSampleId :

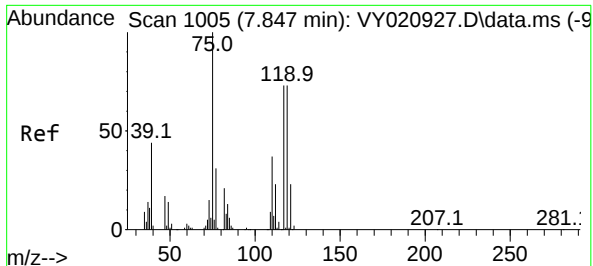
Tgt Ion:114 Resp: 325308
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.4
88 15.5 0.0 31.6



#35
Dibromofluoromethane
Concen: 55.241 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020954.D
Acq: 27 Jan 2025 17:35

Tgt Ion:113 Resp: 103164
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 21.8 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.914 ug/l

RT: 7.713 min Scan# 9

Delta R.T. -0.134 min

Lab File: VY020954.D

Acq: 27 Jan 2025 17:35

Instrument :

MSVOA_Y

ClientSampleId :

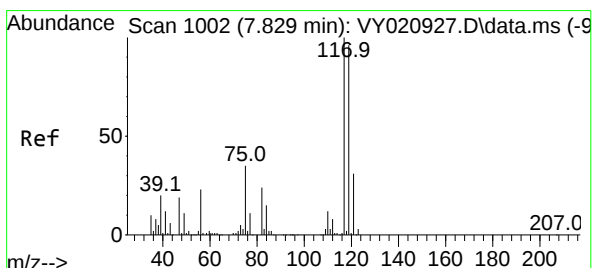
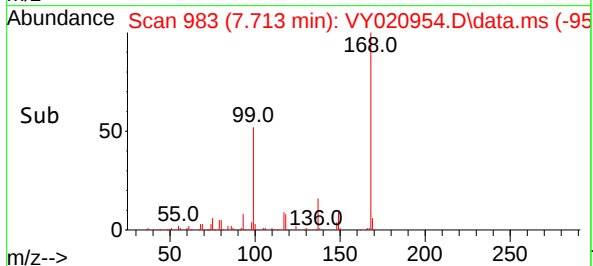
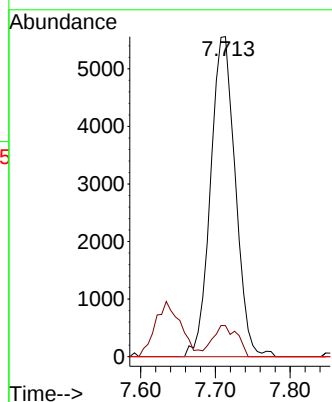
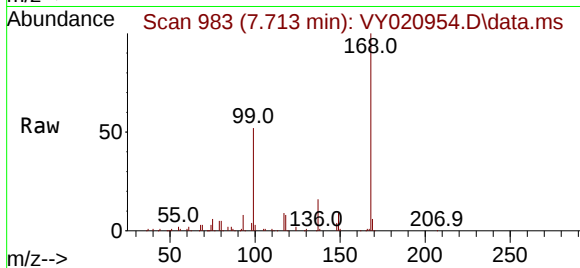
Tgt Ion: 75 Resp: 12812

Ion Ratio Lower Upper

75 100

110 9.5 18.5 55.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.722 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY020954.D

Acq: 27 Jan 2025 17:35

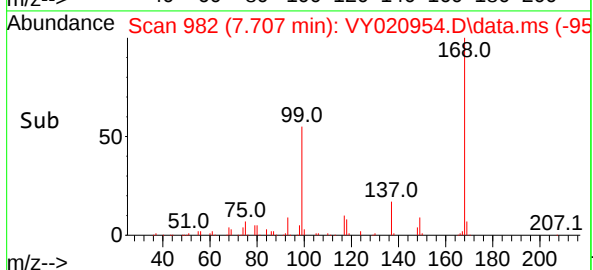
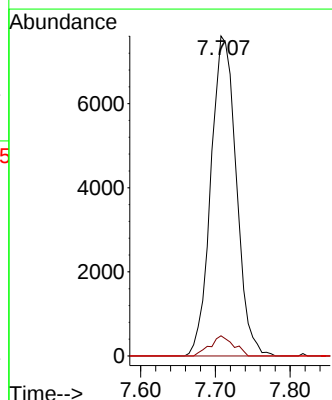
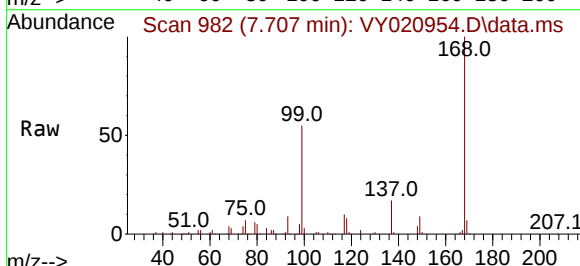
Tgt Ion: 117 Resp: 17992

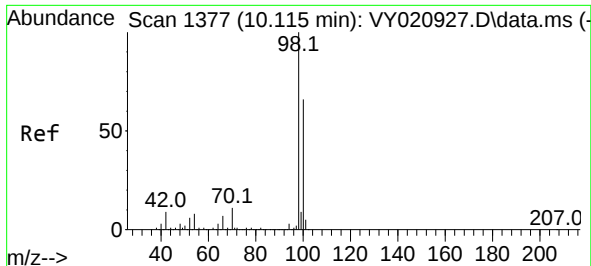
Ion Ratio Lower Upper

117 100

119 6.3 76.5 114.7#

121 0.0 25.0 37.4#

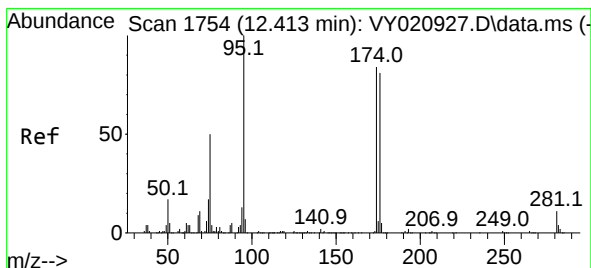
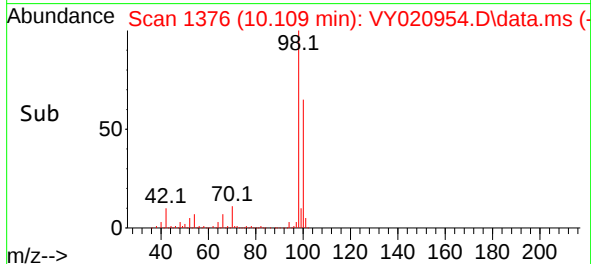
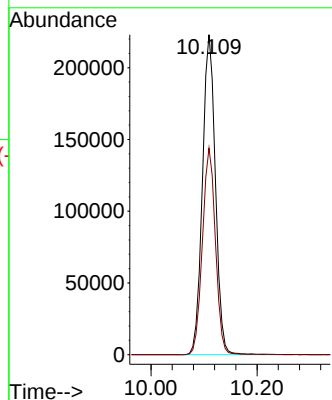
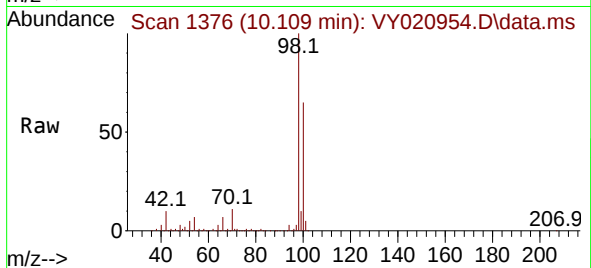




#50
Toluene-d8
Concen: 52.135 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020954.D
Acq: 27 Jan 2025 17:35

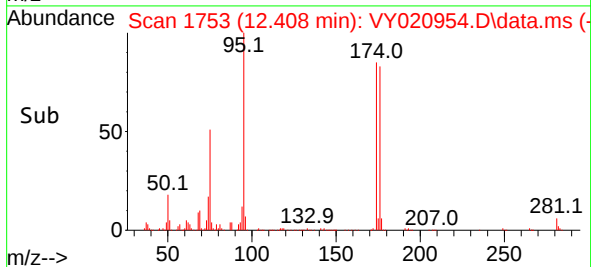
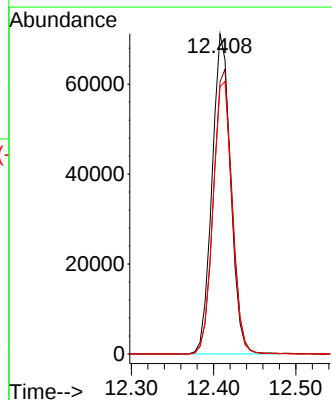
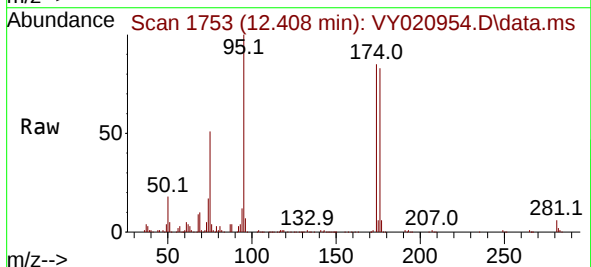
Instrument :
MSVOA_Y
ClientSampleId :

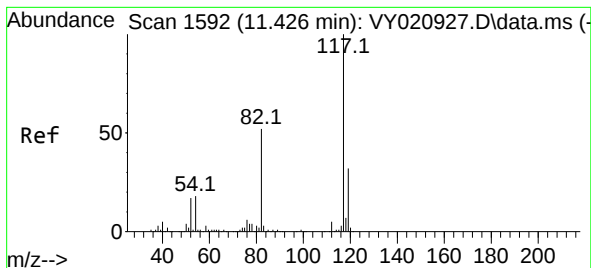
Tgt Ion: 98 Resp: 377656
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.222 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020954.D
Acq: 27 Jan 2025 17:35

Tgt Ion: 95 Resp: 111433
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.4
176 87.7 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020954.D

Acq: 27 Jan 2025 17:35

Instrument :

MSVOA_Y

ClientSampleId :

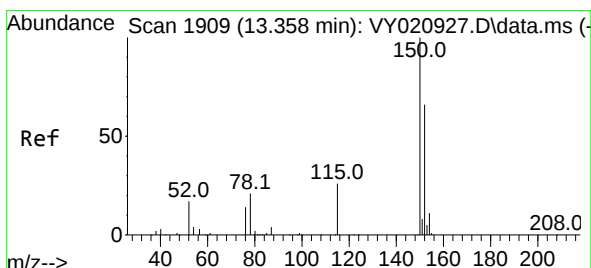
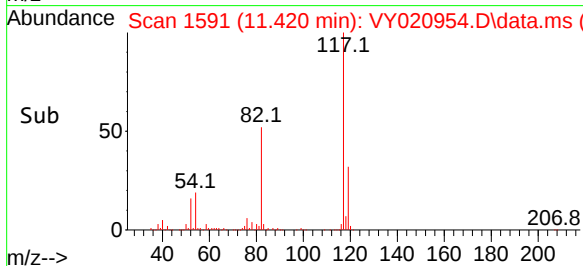
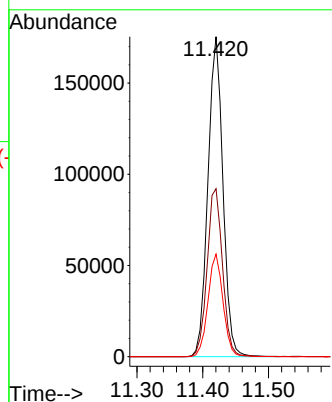
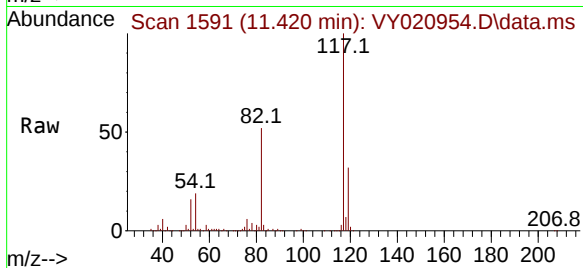
Tgt Ion:117 Resp: 278724

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

119 32.0 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY020954.D

Acq: 27 Jan 2025 17:35

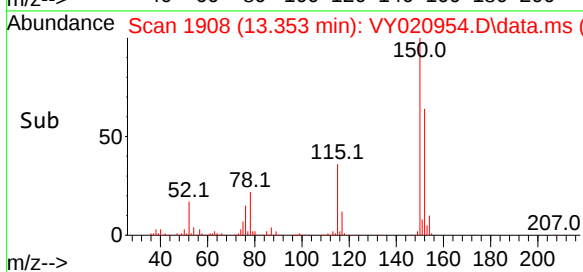
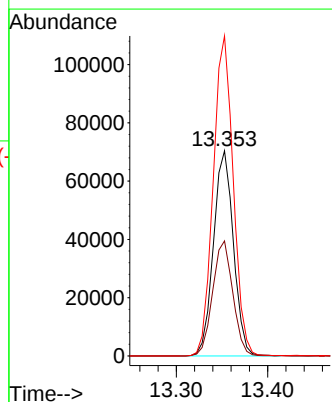
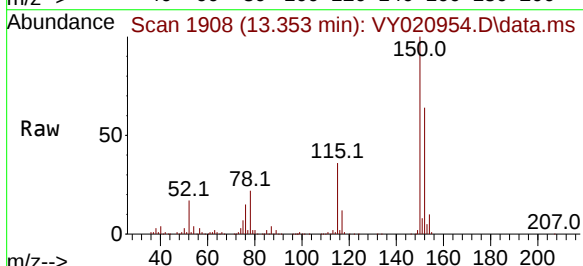
Tgt Ion:152 Resp: 106802

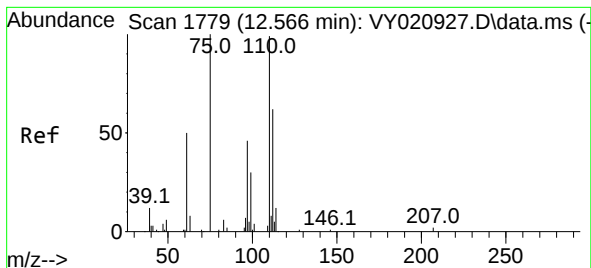
Ion Ratio Lower Upper

152 100

115 56.6 29.0 87.0

150 156.2 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 74.341 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.158 min

Lab File: VY020954.D

Acq: 27 Jan 2025 17:35

Instrument :

MSVOA_Y

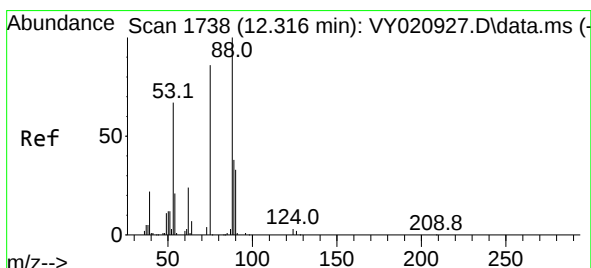
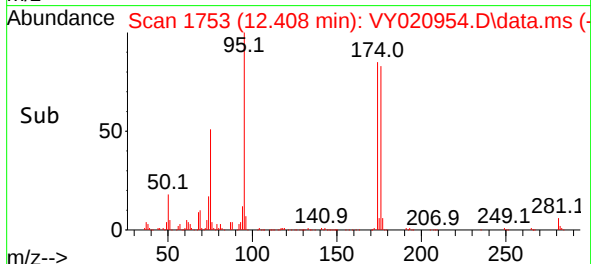
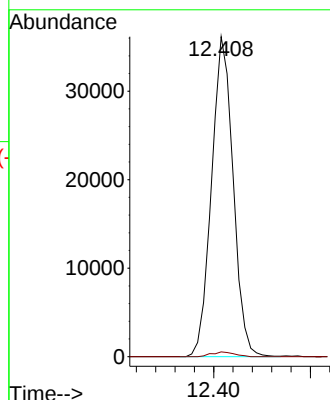
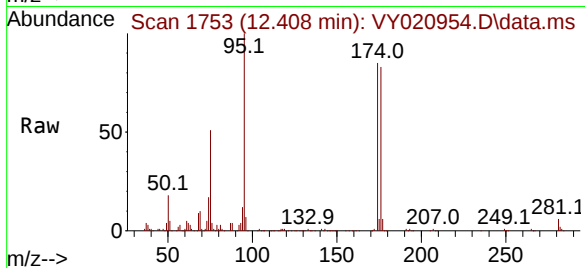
ClientSampleId :

Tgt Ion: 75 Resp: 56137

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 143.626 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.092 min

Lab File: VY020954.D

Acq: 27 Jan 2025 17:35

Tgt Ion: 75 Resp: 56137

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.1 38.4 57.6#

