

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020946.D
 Acq On : 27 Jan 2025 14:24
 Operator : SY/MD
 Sample : Q1194-01
 Misc : 7.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 28 01:13:20 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)

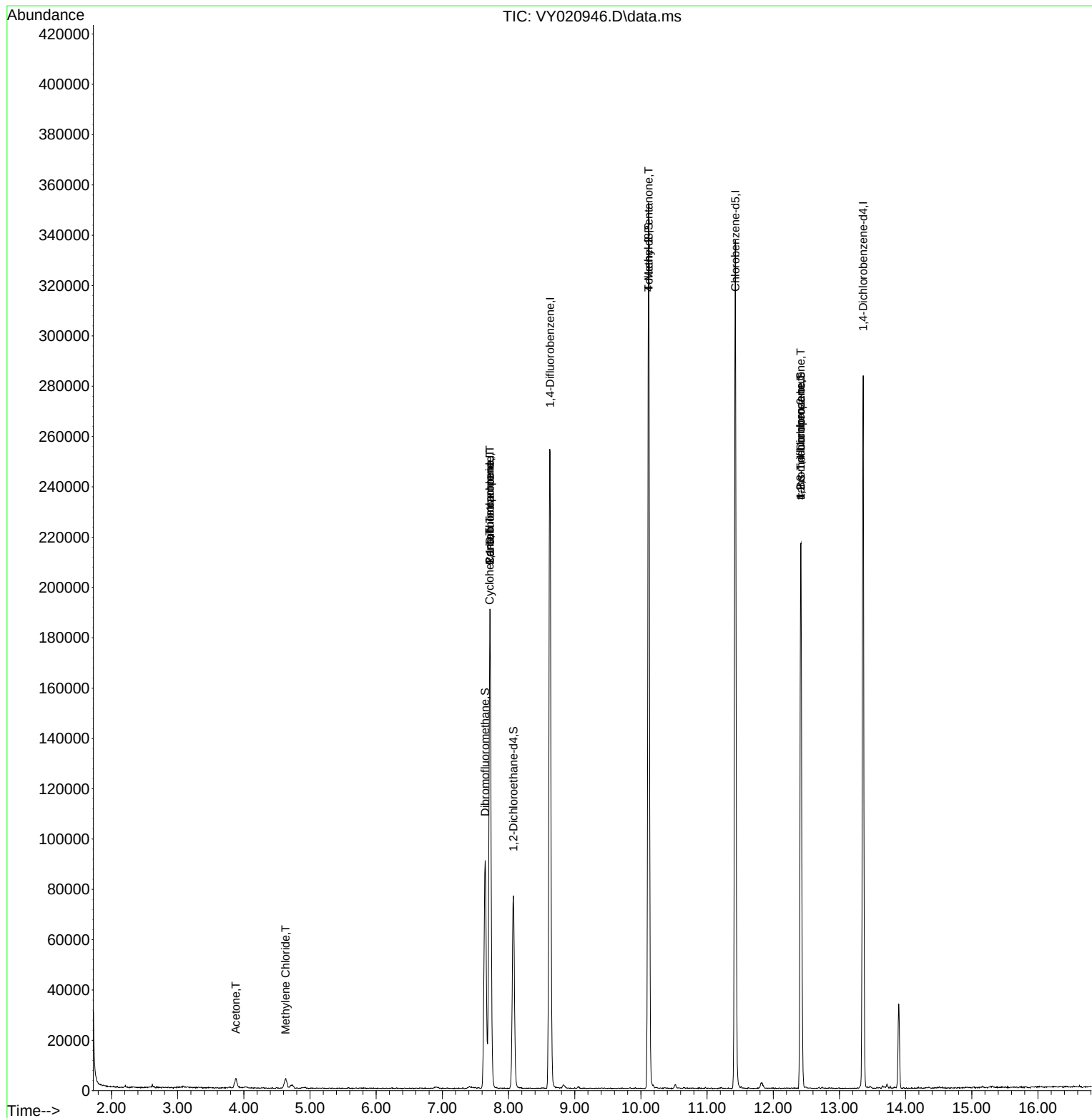
Internal Standards						
1) Pentafluorobenzene	7.719	168	155482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	236023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	187660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	75046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	62524	50.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.880%	
35) Dibromofluoromethane	7.646	113	66890	49.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.740%	
50) Toluene-d8	10.115	98	238822	45.441	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.880%	
62) 4-Bromofluorobenzene	12.414	95	67951	38.849	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 77.700%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	6886	40.998	ug/l	93
20) Methylene Chloride	4.628	84	2960	2.370	ug/l	93
31) Cyclohexane	7.713	56	2554	1.157	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	10932	5.779	ug/l #	49
38) Carbon Tetrachloride	7.719	117	14743	6.462	ug/l #	17
51) 4-Methyl-2-Pentanone	10.115	43	854	1.217	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	34068	64.206	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	34068	124.046	ug/l #	15

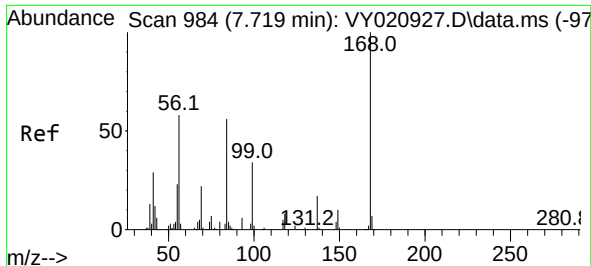
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
Data File : VY020946.D
Acq On : 27 Jan 2025 14:24
Operator : SY/MD
Sample : Q1194-01
Misc : 7.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 28 01:13:20 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

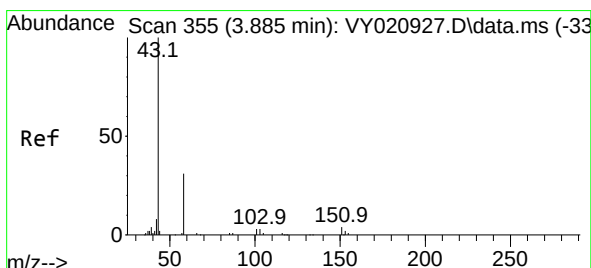
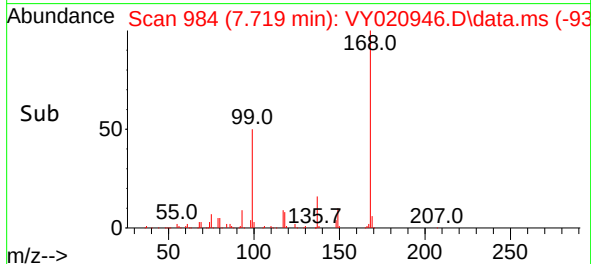
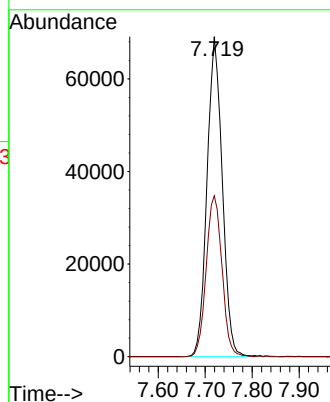
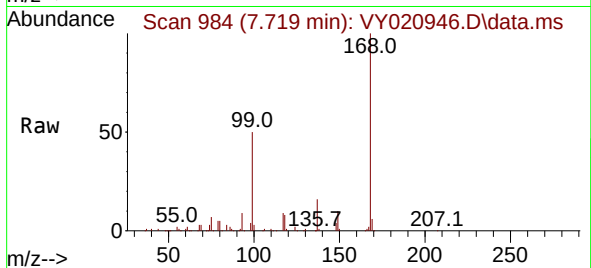




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020946.D
Acq: 27 Jan 2025 14:24

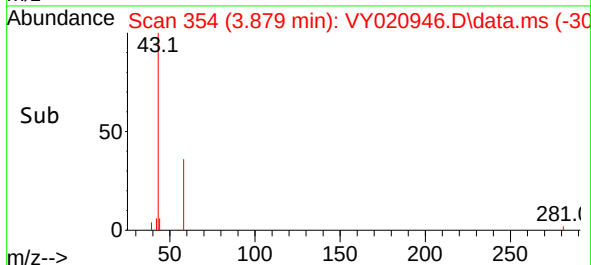
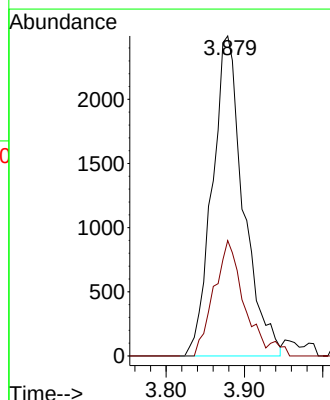
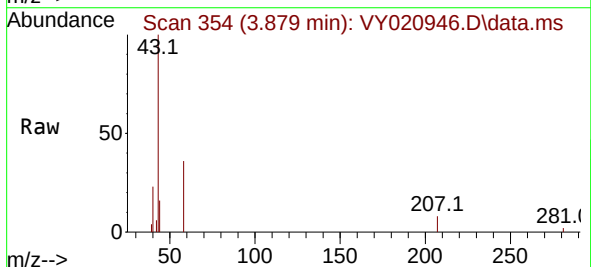
Instrument :
MSVOA_Y
ClientSampleId :

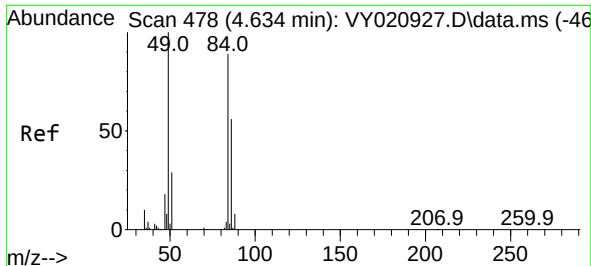
Tgt Ion:168 Resp: 155482
Ion Ratio Lower Upper
168 100
99 50.3 43.0 64.6



#16
Acetone
Concen: 40.998 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020946.D
Acq: 27 Jan 2025 14:24

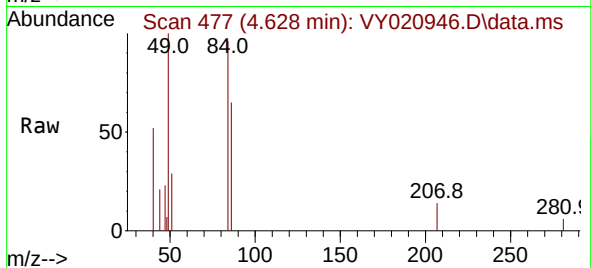
Tgt Ion: 43 Resp: 6886
Ion Ratio Lower Upper
43 100
58 36.0 25.6 38.4



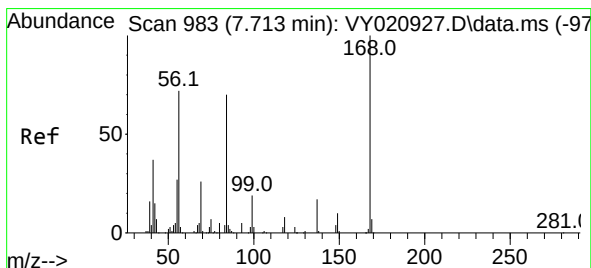
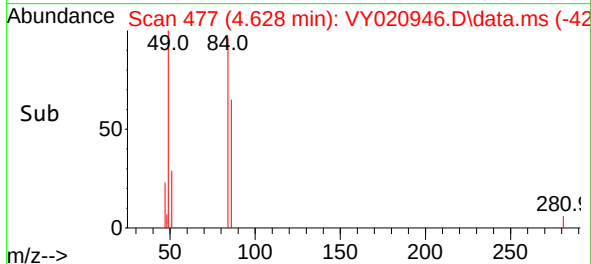
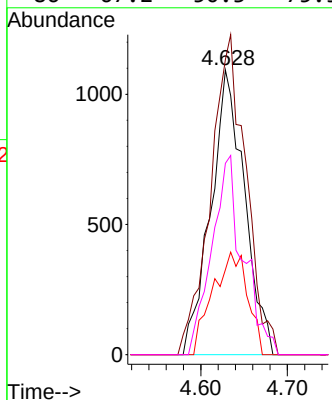


#20
Methylene Chloride
Concen: 2.370 ug/l
RT: 4.628 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY020946.D
Acq: 27 Jan 2025 14:24

Instrument :
MSVOA_Y
ClientSampleId :

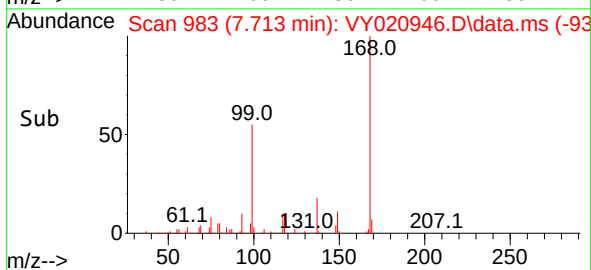
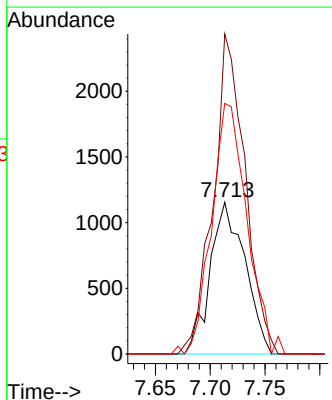
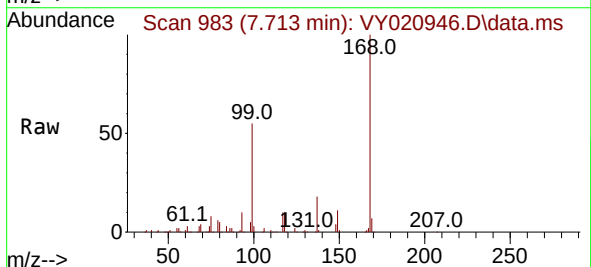


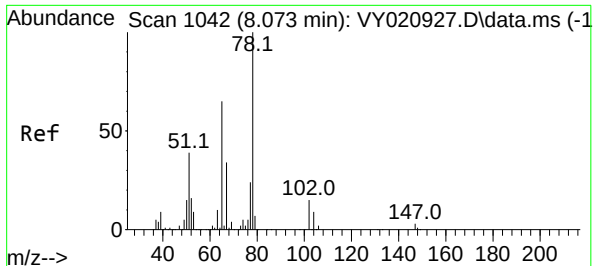
Tgt Ion:	84	Resp:	2960
Ion	Ratio	Lower	Upper
84	100		
49	103.8	90.3	135.5
51	29.8	26.6	39.8
86	67.2	50.3	75.5



#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020946.D
Acq: 27 Jan 2025 14:24

Tgt Ion:	56	Resp:	2554
Ion	Ratio	Lower	Upper
56	100		
69	210.9	28.7	43.1#
84	160.0	77.4	116.0#





#33

1,2-Dichloroethane-d4

Concen: 50.436 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY020946.D

Acq: 27 Jan 2025 14:24

Instrument :

MSVOA_Y

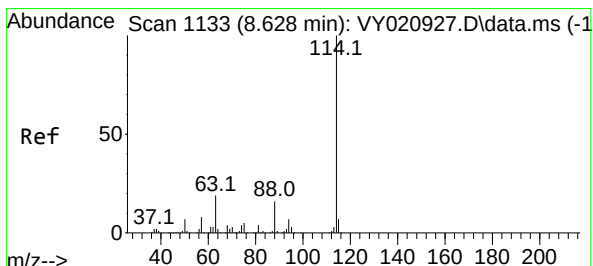
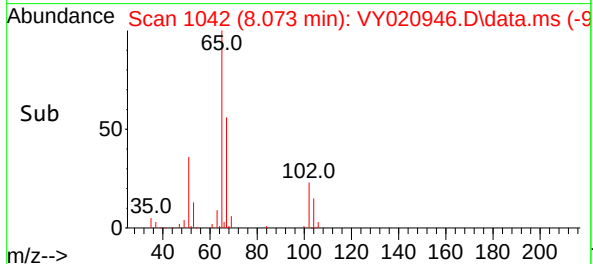
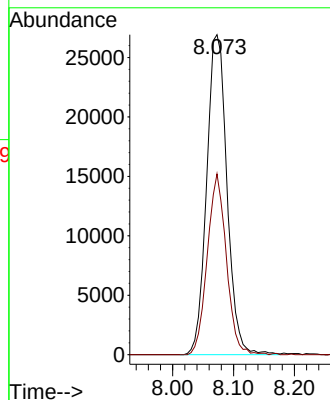
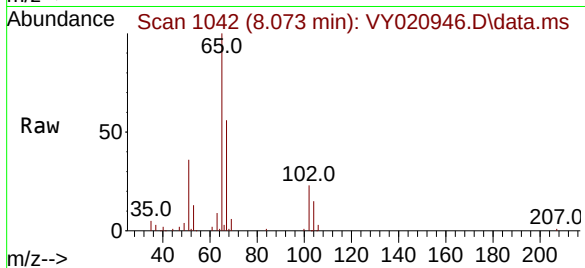
ClientSampleId :

Tgt Ion: 65 Resp: 62524

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VY020946.D

Acq: 27 Jan 2025 14:24

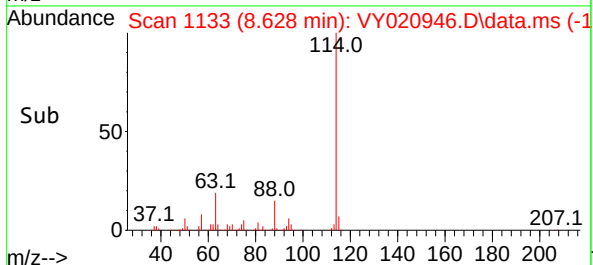
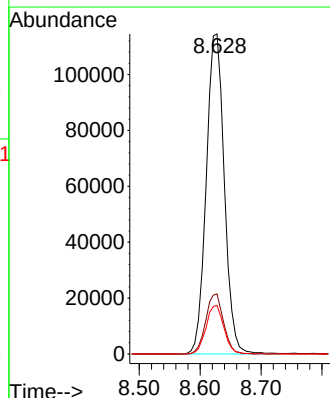
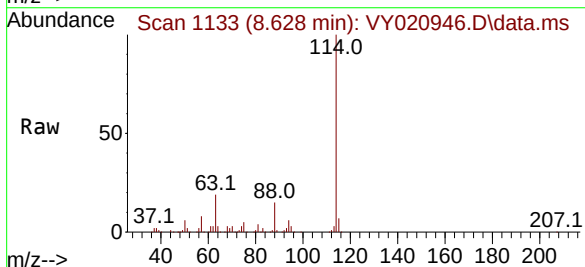
Tgt Ion:114 Resp: 236023

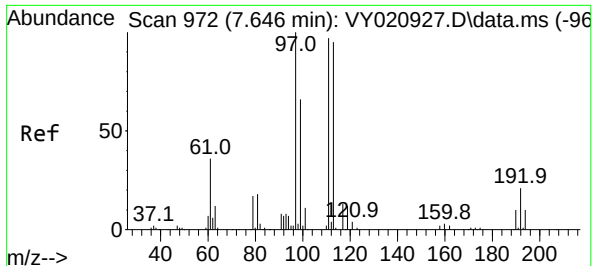
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.366 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.000 min

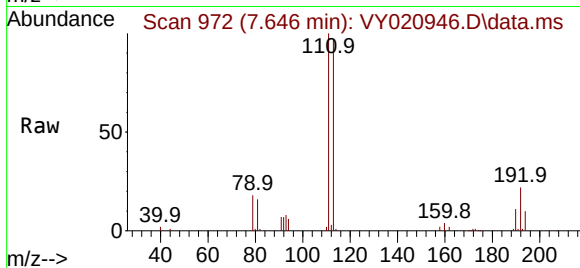
Lab File: VY020946.D

Acq: 27 Jan 2025 14:24

Instrument :

MSVOA_Y

ClientSampleId :



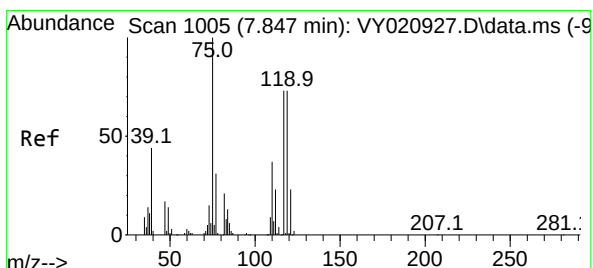
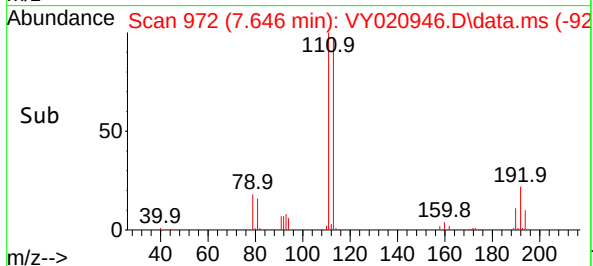
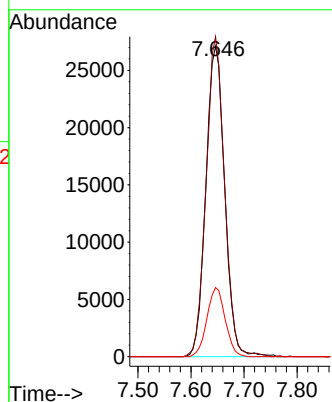
Tgt Ion:113 Resp: 66890

Ion Ratio Lower Upper

113 100

111 101.1 82.3 123.5

192 21.6 17.4 26.2



#36

1,1-Dichloropropene

Concen: 5.779 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.128 min

Lab File: VY020946.D

Acq: 27 Jan 2025 14:24

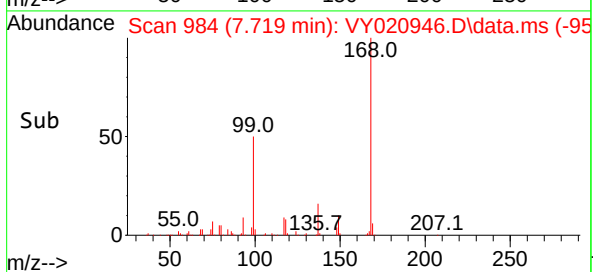
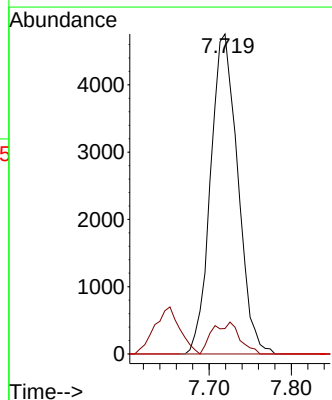
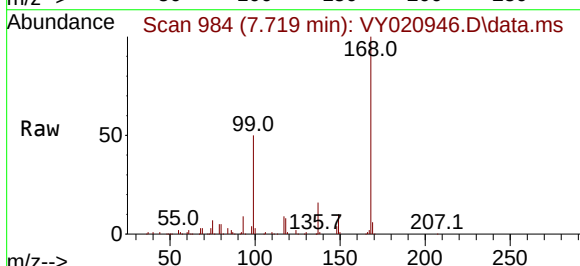
Tgt Ion: 75 Resp: 10932

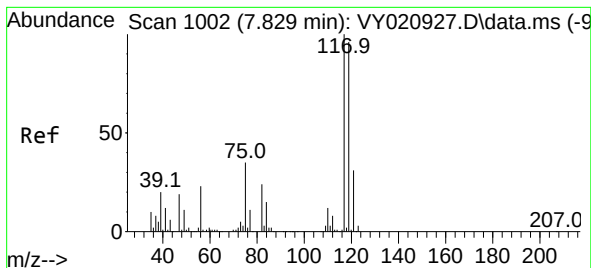
Ion Ratio Lower Upper

75 100

110 10.0 18.5 55.5#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.462 ug/l

RT: 7.719 min Scan# 91

Delta R.T. -0.110 min

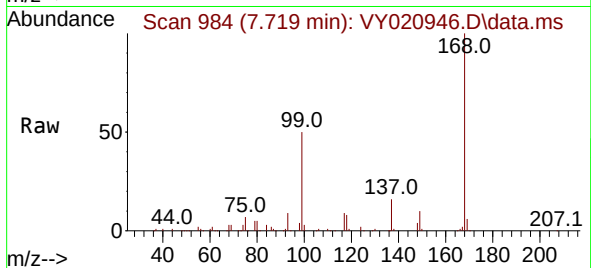
Lab File: VY020946.D

Acq: 27 Jan 2025 14:24

Instrument :

MSVOA_Y

ClientSampleId :



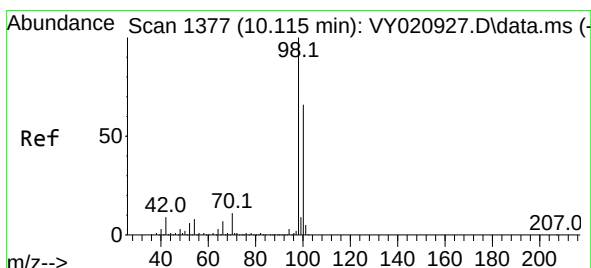
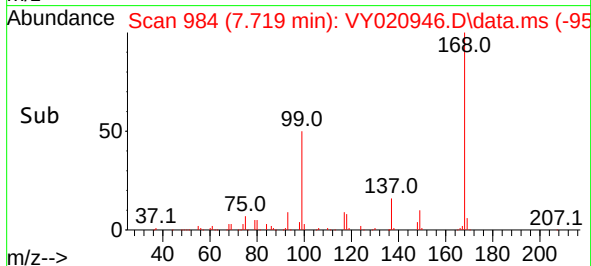
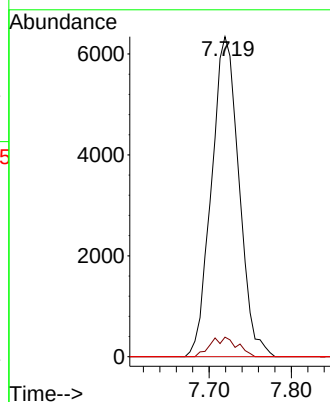
Tgt Ion:117 Resp: 14743

Ion Ratio Lower Upper

117 100

119 6.1 76.5 114.7#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 45.441 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020946.D

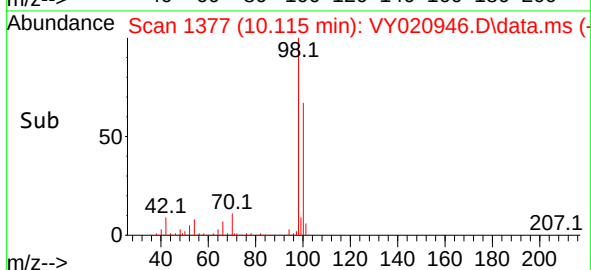
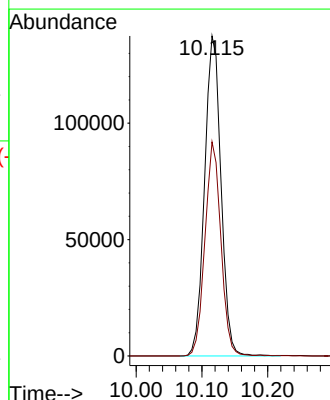
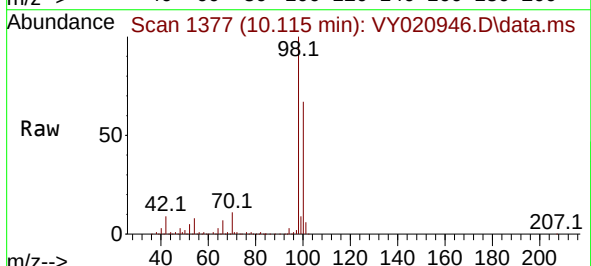
Acq: 27 Jan 2025 14:24

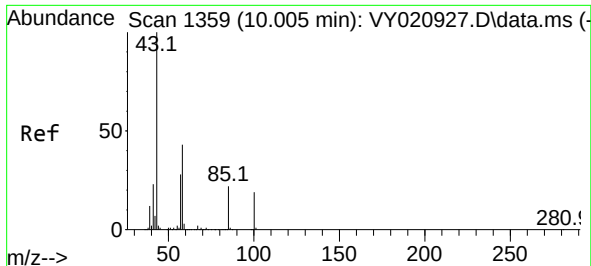
Tgt Ion: 98 Resp: 238822

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

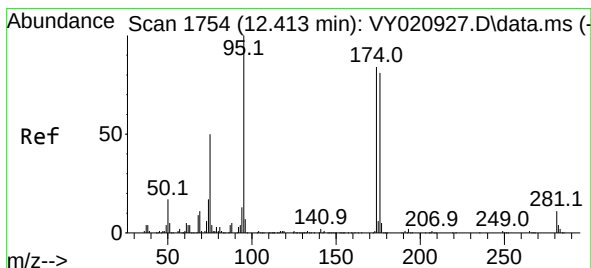
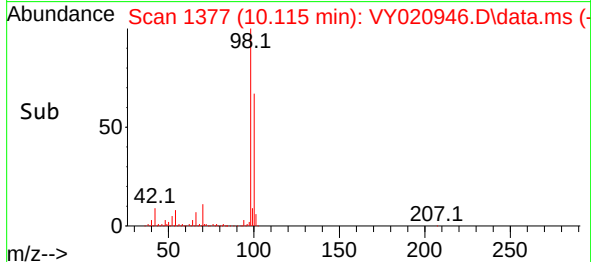
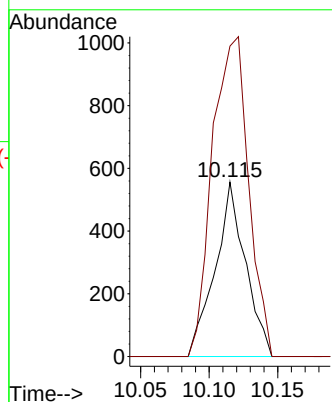
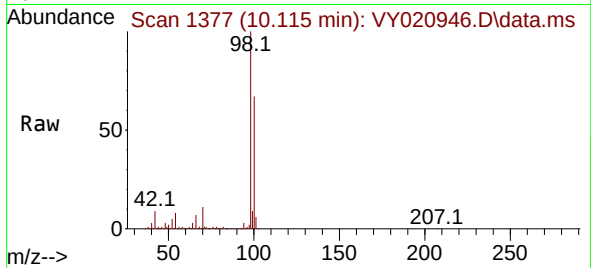




#51
4-Methyl-2-Pentanone
Concen: 1.217 ug/l
RT: 10.115 min Scan# 1359
Delta R.T. 0.110 min
Lab File: VY020946.D
Acq: 27 Jan 2025 14:24

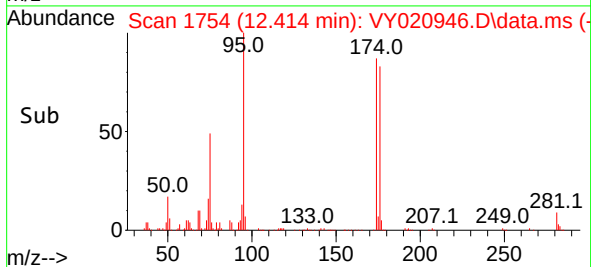
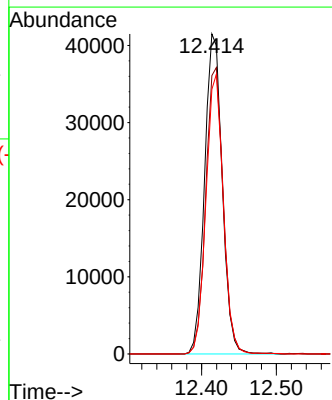
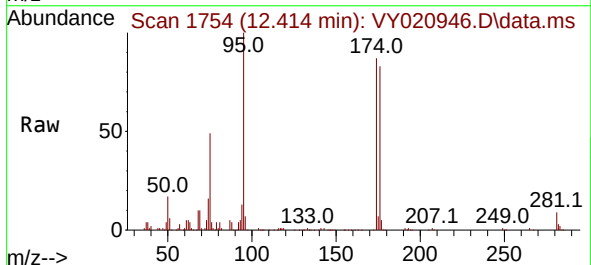
Instrument :
MSVOA_Y
ClientSampleId :

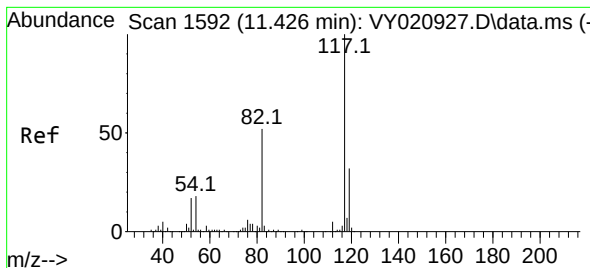
Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
58 219.7 33.7 50.5#



#62
4-Bromofluorobenzene
Concen: 38.849 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020946.D
Acq: 27 Jan 2025 14:24

Tgt Ion: 95 Resp: 67951
Ion Ratio Lower Upper
95 100
174 88.8 0.0 177.4
176 86.0 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020946.D

Acq: 27 Jan 2025 14:24

Instrument :

MSVOA_Y

ClientSampleId :

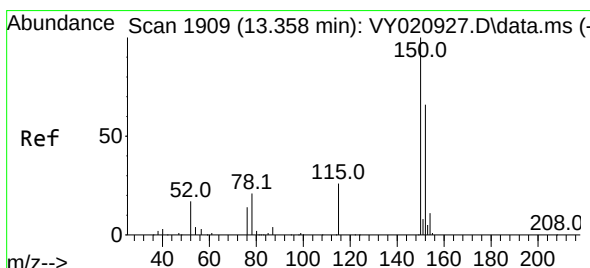
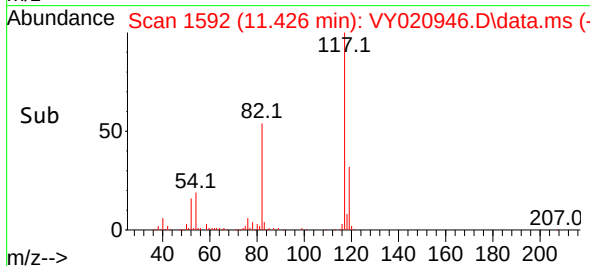
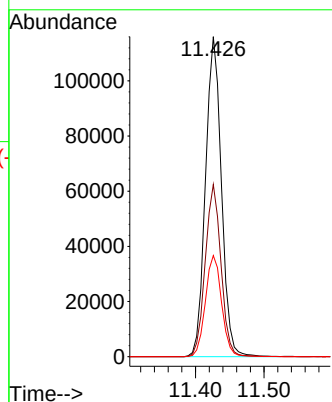
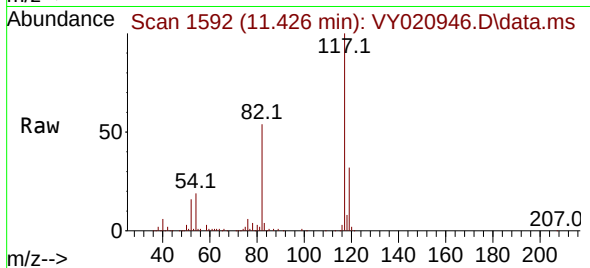
Tgt Ion:117 Resp: 187660

Ion Ratio Lower Upper

117 100

82 53.8 41.8 62.8

119 31.6 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY020946.D

Acq: 27 Jan 2025 14:24

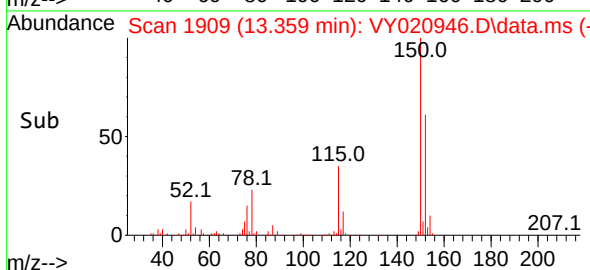
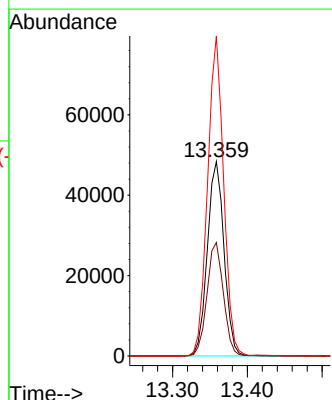
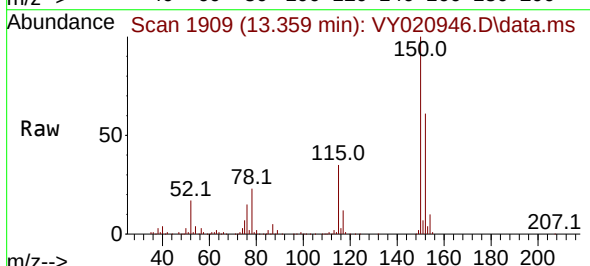
Tgt Ion:152 Resp: 75046

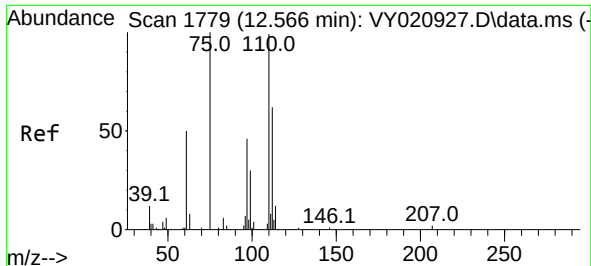
Ion Ratio Lower Upper

152 100

115 57.4 29.0 87.0

150 158.3 0.0 347.6

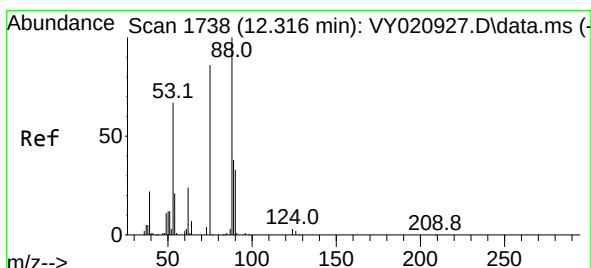
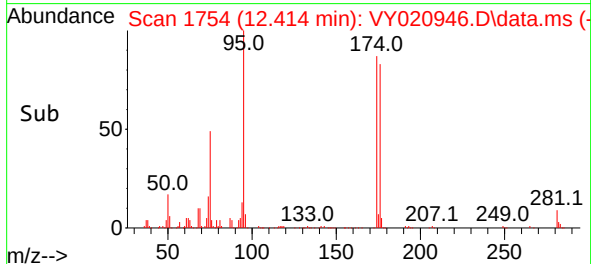
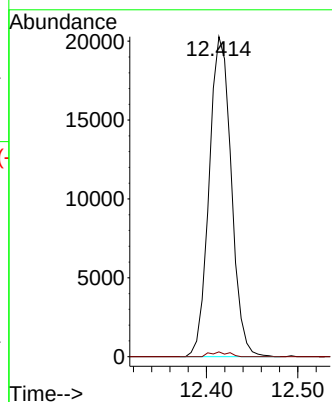
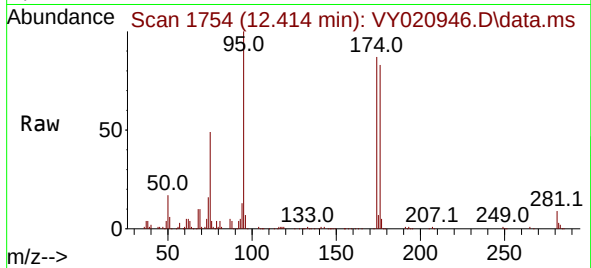




#76
1,2,3-Trichloropropane
Concen: 64.206 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.152 min
Lab File: VY020946.D
Acq: 27 Jan 2025 14:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 34068
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.046 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.098 min
Lab File: VY020946.D
Acq: 27 Jan 2025 14:24

Tgt Ion: 75 Resp: 34068
Ion Ratio Lower Upper
75 100
53 0.0 67.7 101.5#
89 0.2 38.4 57.6#

