

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021325\
 Data File : VY021194.D
 Acq On : 13 Feb 2025 16:28
 Operator : SY/MD
 Sample : Q1365-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 00:45:43 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)

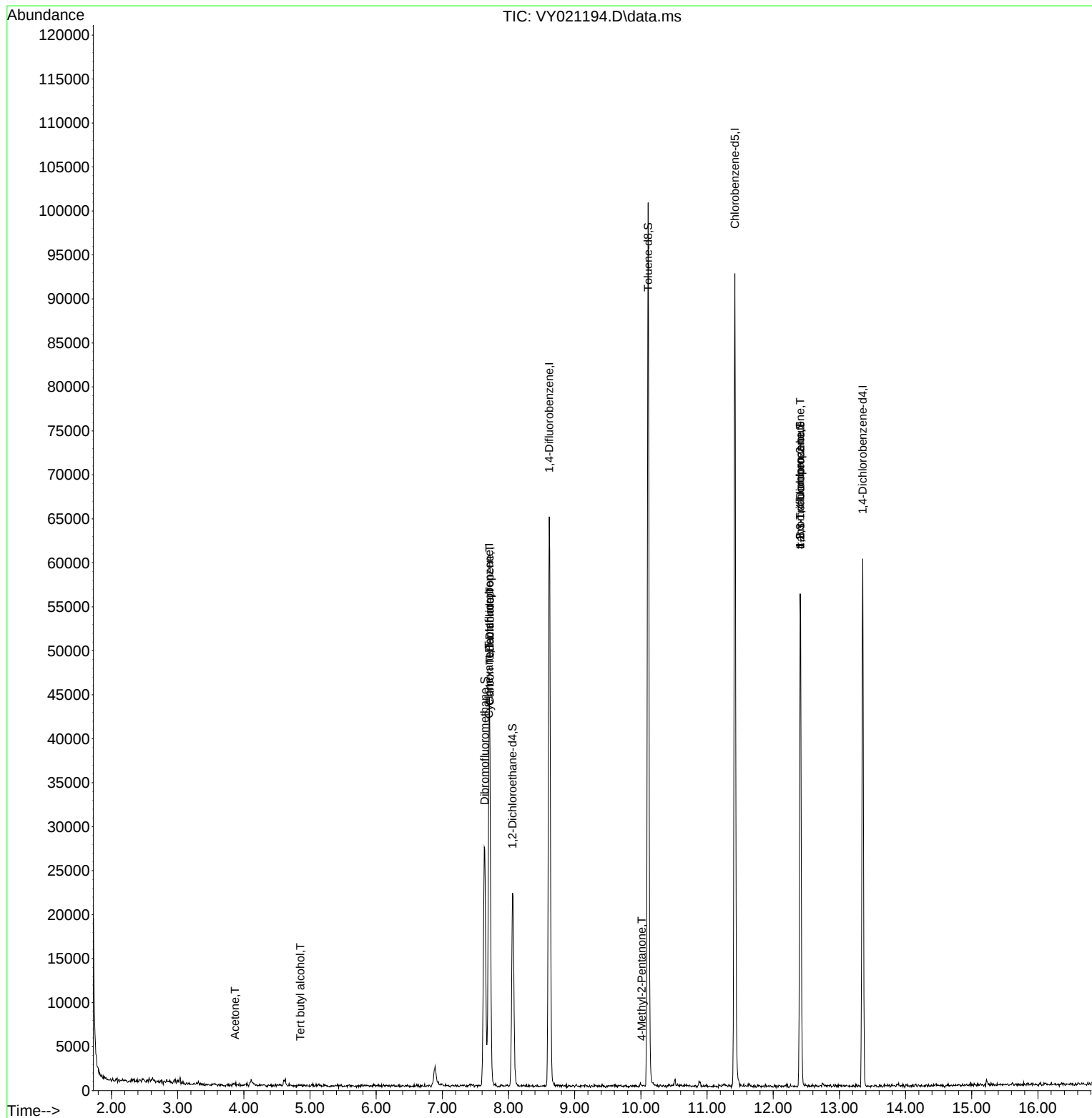
Internal Standards						
1) Pentafluorobenzene	7.707	168	33770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	55137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	45849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	14951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	18993	54.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.780%	
35) Dibromofluoromethane	7.640	113	19454	55.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.120%	
50) Toluene-d8	10.109	98	65293	48.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.080%	
62) 4-Bromofluorobenzene	12.408	95	16828	38.290	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	86	3.668	ug/l #	75
16) Acetone	3.867	43	249	4.615	ug/l #	41
31) Cyclohexane	7.701	56	749	1.269	ug/l #	23
36) 1,1-Dichloropropene	7.713	75	2878	5.499	ug/l #	50
38) Carbon Tetrachloride	7.720	117	3734	6.106	ug/l #	12
51) 4-Methyl-2-Pentanone	10.012	43	255	1.111	ug/l #	64
76) 1,2,3-Trichloropropane	12.408	75	9450	69.678	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	9450	142.176	ug/l #	12

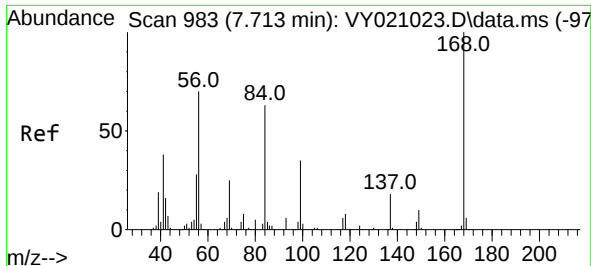
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021325\
Data File : VY021194.D
Acq On : 13 Feb 2025 16:28
Operator : SY/MD
Sample : Q1365-02
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 14 00:45:43 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

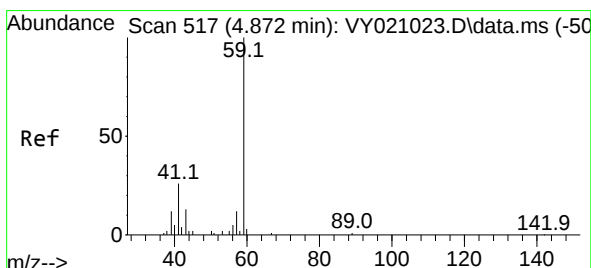
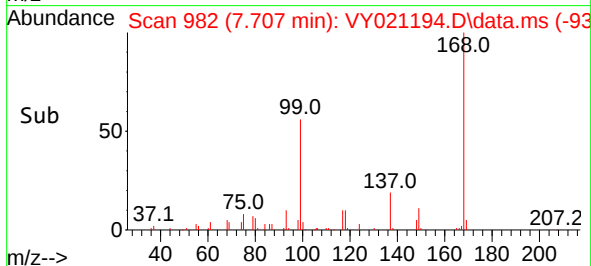
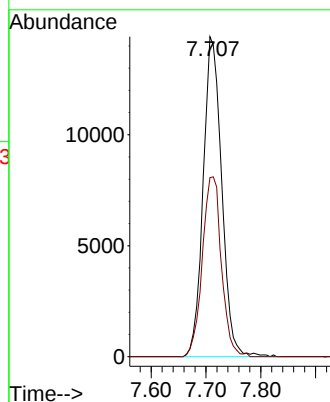
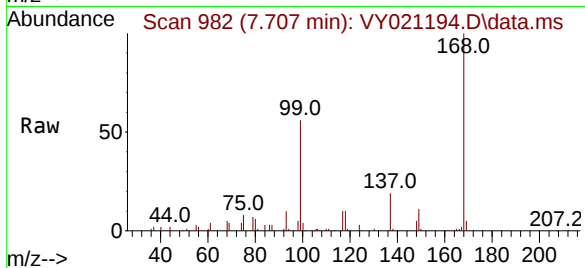




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

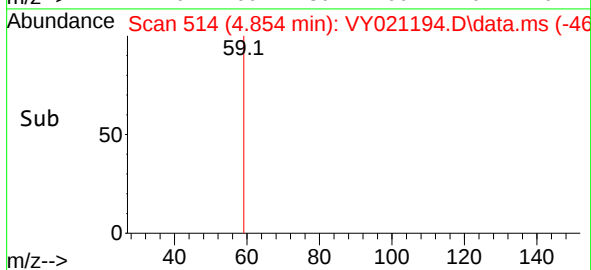
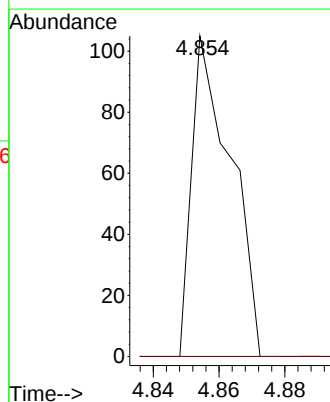
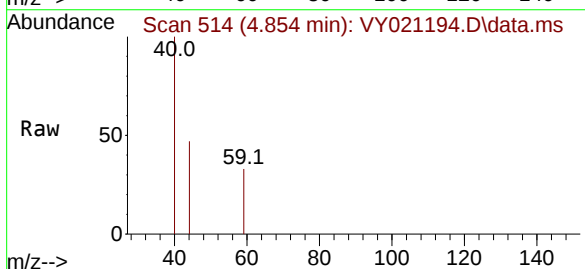
Instrument :
MSVOA_Y
ClientSampleId :

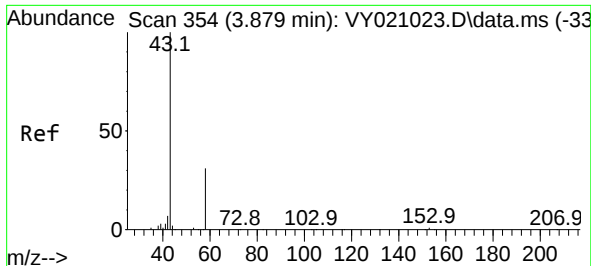
Tgt Ion:168 Resp: 33770
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 3.668 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 4.615 ug/l

RT: 3.867 min Scan# 31

Delta R.T. -0.012 min

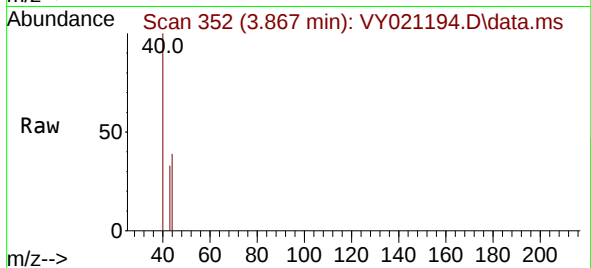
Lab File: VY021194.D

Acq: 13 Feb 2025 16:28

Instrument :

MSVOA_Y

ClientSampleId :

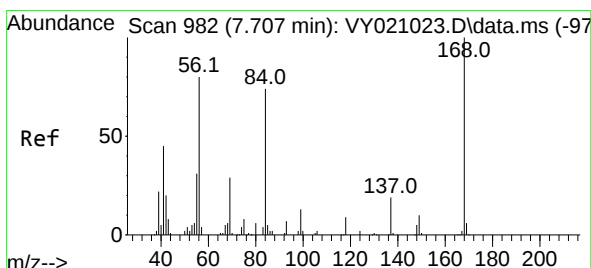
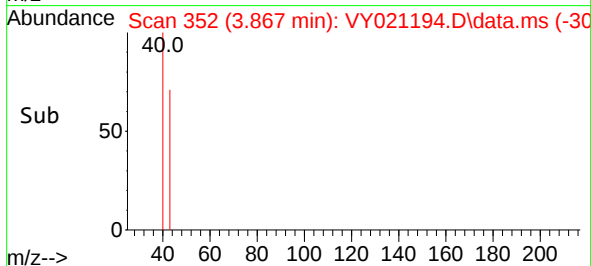
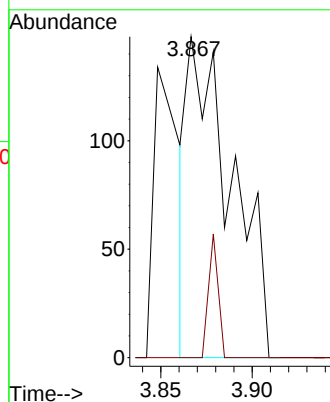


Tgt Ion: 43 Resp: 249

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#31

Cyclohexane

Concen: 1.269 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.006 min

Lab File: VY021194.D

Acq: 13 Feb 2025 16:28

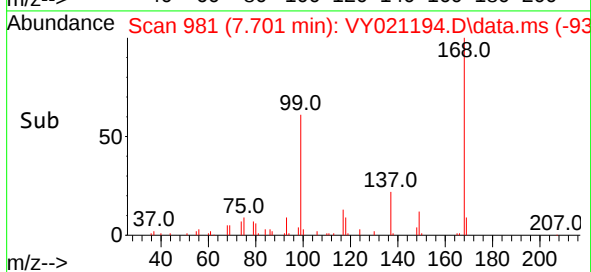
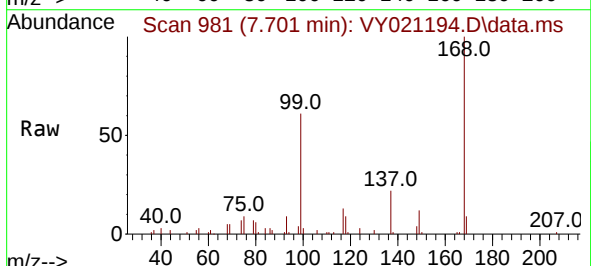
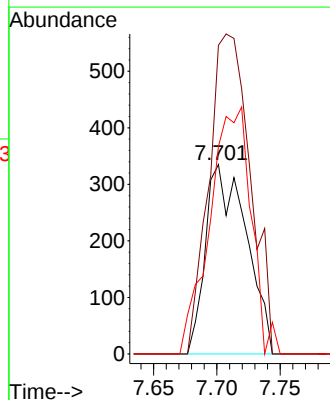
Tgt Ion: 56 Resp: 749

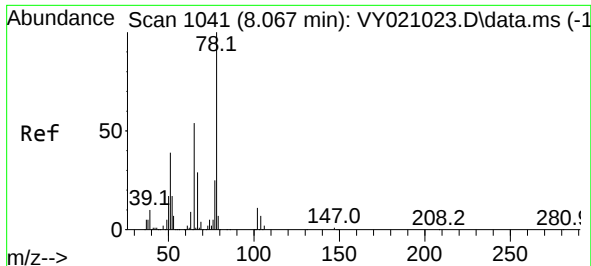
Ion Ratio Lower Upper

56 100

69 163.0 27.0 40.6#

84 109.6 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 54.893 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021194.D

Acq: 13 Feb 2025 16:28

Instrument :

MSVOA_Y

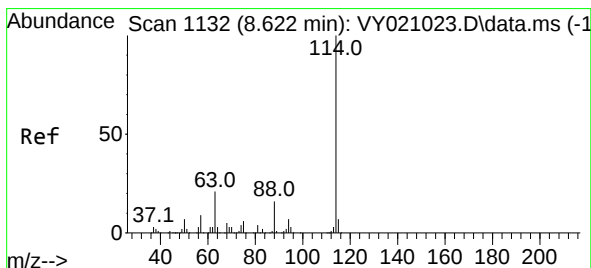
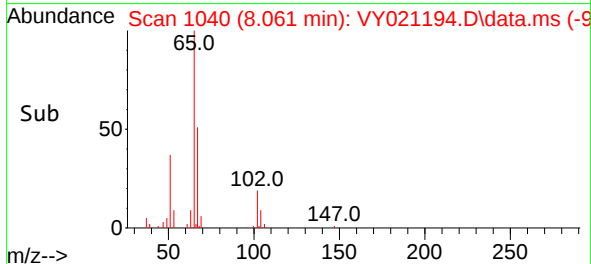
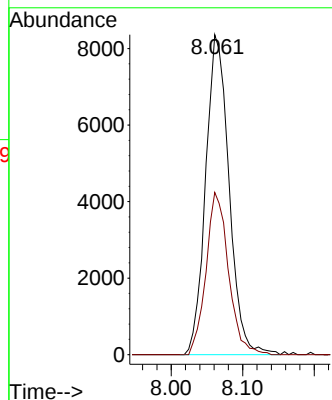
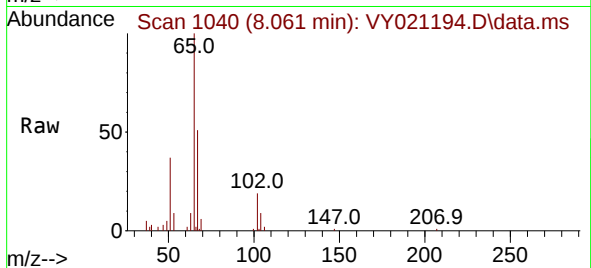
ClientSampleId :

Tgt Ion: 65 Resp: 18993

Ion Ratio Lower Upper

65 100

67 48.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021194.D

Acq: 13 Feb 2025 16:28

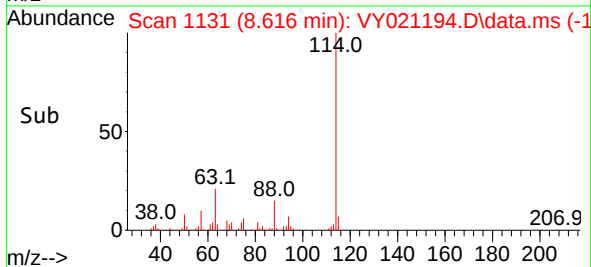
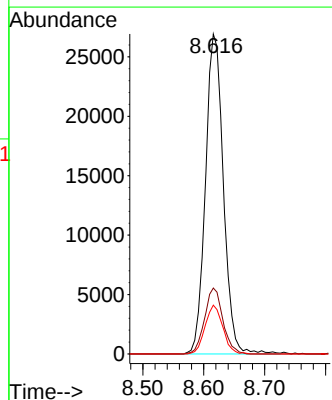
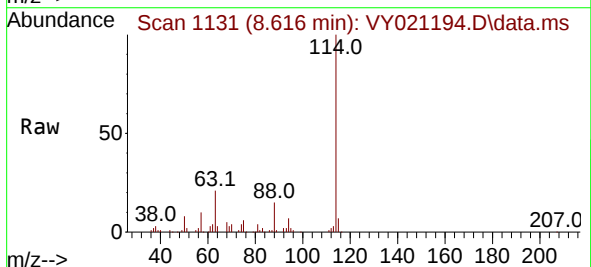
Tgt Ion: 114 Resp: 55137

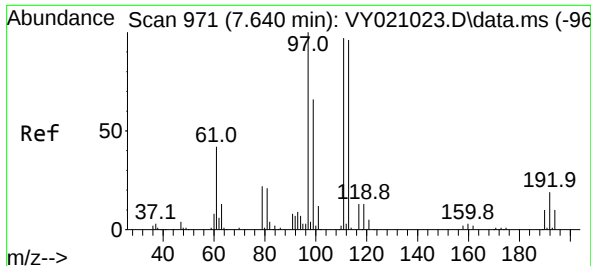
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

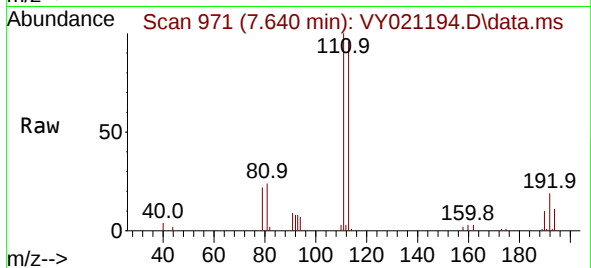
88 15.3 0.0 29.0



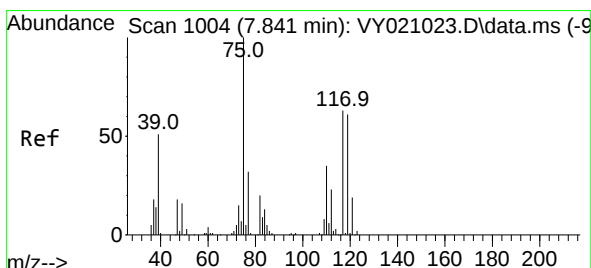
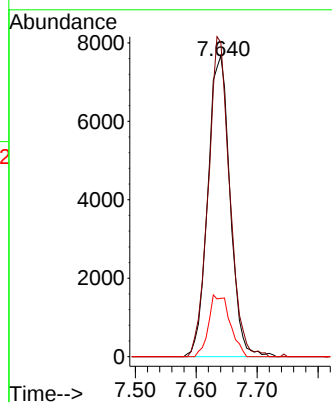
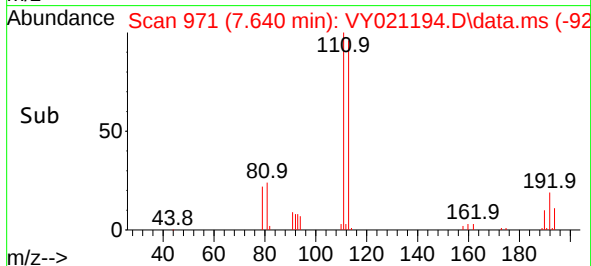


#35
Dibromofluoromethane
Concen: 55.055 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

Instrument :
MSVOA_Y
ClientSampleId :

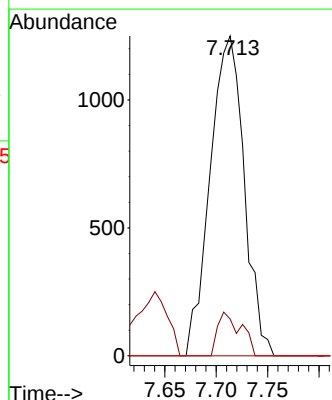
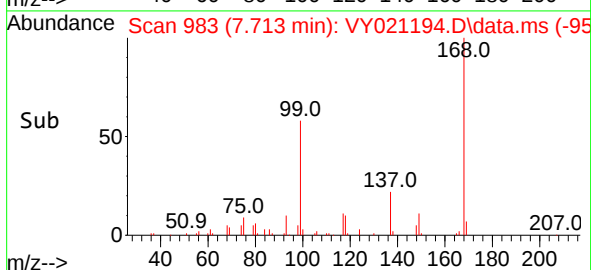
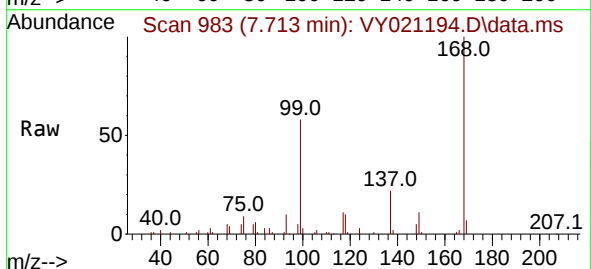


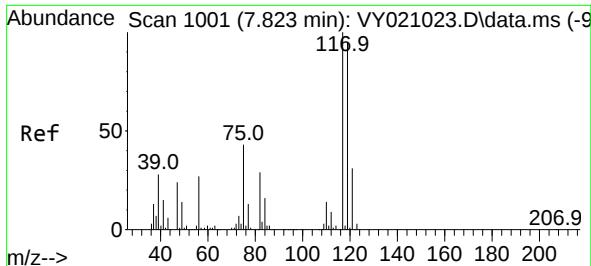
Tgt Ion:113 Resp: 19454
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 19.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 5.499 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

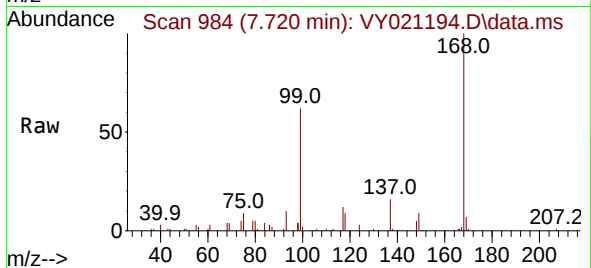
Tgt Ion: 75 Resp: 2878
Ion Ratio Lower Upper
75 100
110 9.3 17.4 52.3#
77 0.0 24.7 37.1#



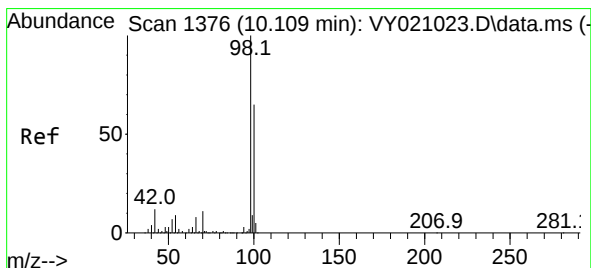
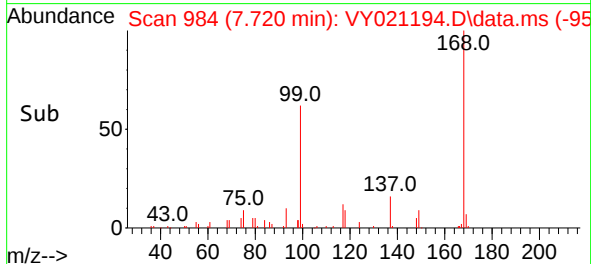
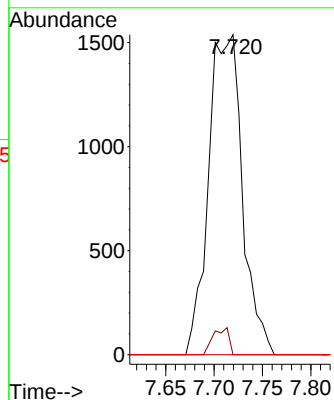


#38
Carbon Tetrachloride
Concen: 6.106 ug/l
RT: 7.720 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

Instrument :
MSVOA_Y
ClientSampleId :

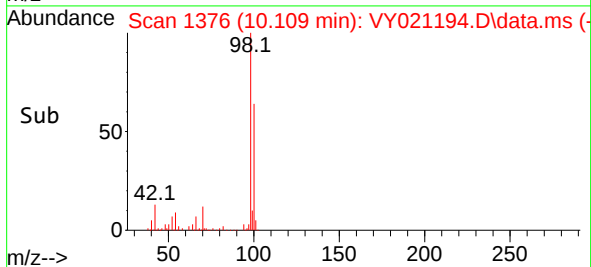
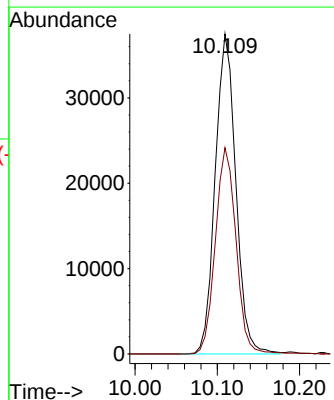
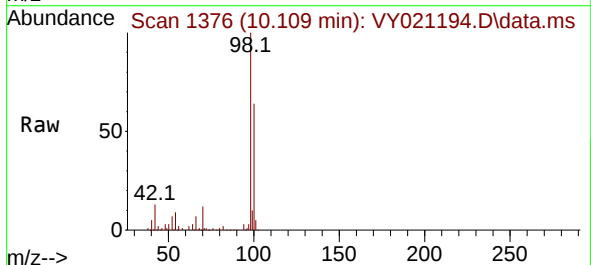


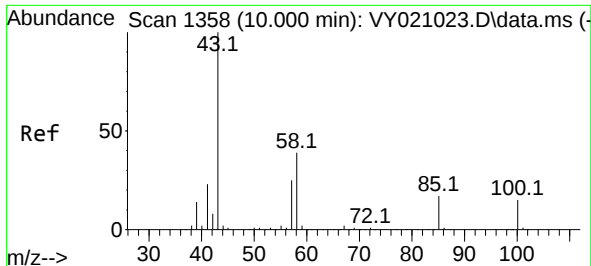
Tgt Ion:117 Resp: 3734
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.536 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

Tgt Ion: 98 Resp: 65293
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

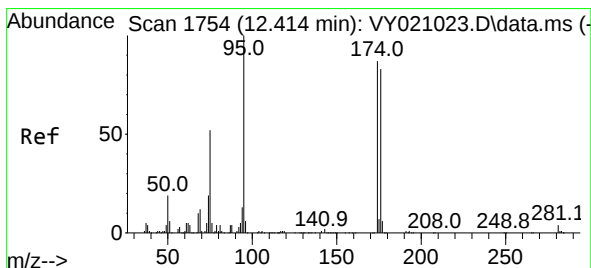
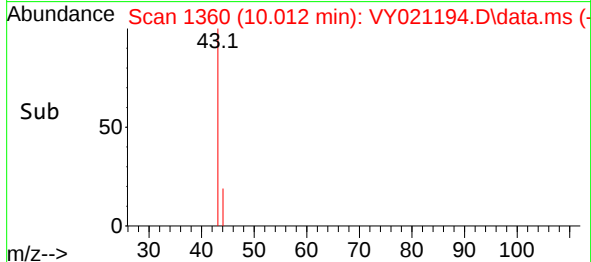
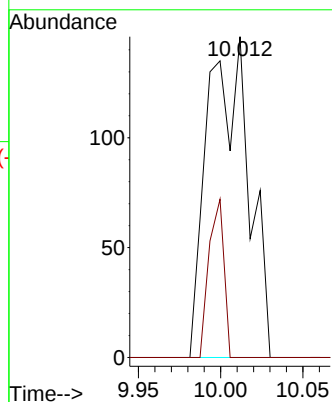
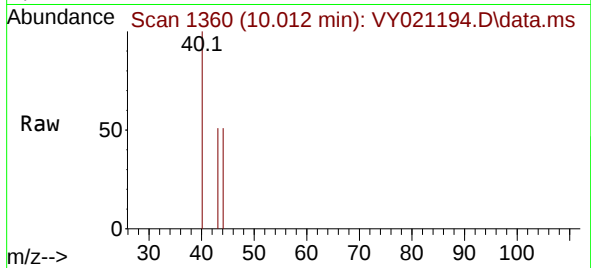




#51
4-Methyl-2-Pentanone
Concen: 1.111 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.012 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

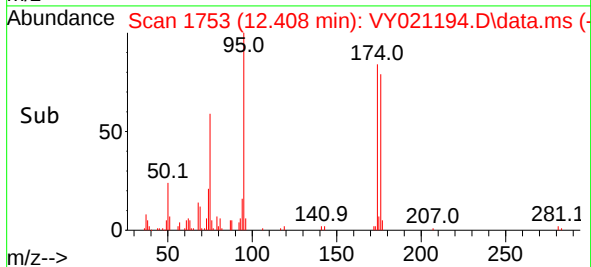
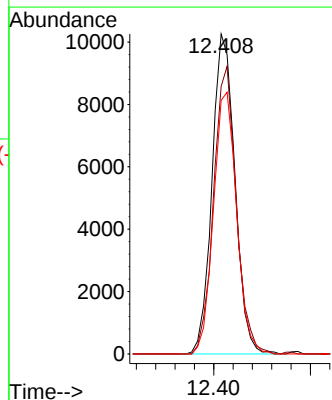
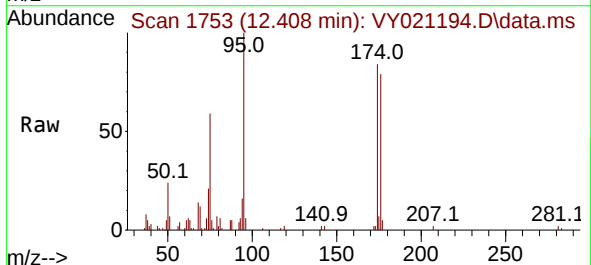
Instrument :
MSVOA_Y
ClientSampleId :

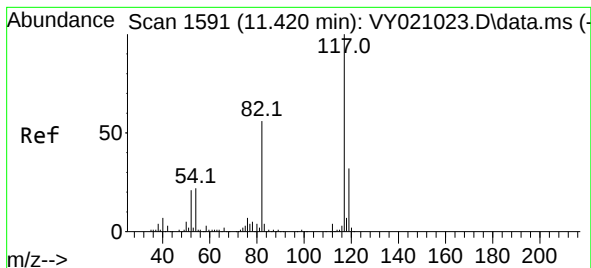
Tgt Ion: 43 Resp: 255
Ion Ratio Lower Upper
43 100
58 18.0 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 38.290 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

Tgt Ion: 95 Resp: 16828
Ion Ratio Lower Upper
95 100
174 88.7 0.0 160.0
176 82.8 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: VY021194.D

Acq: 13 Feb 2025 16:28

Instrument :

MSVOA_Y

ClientSampleId :

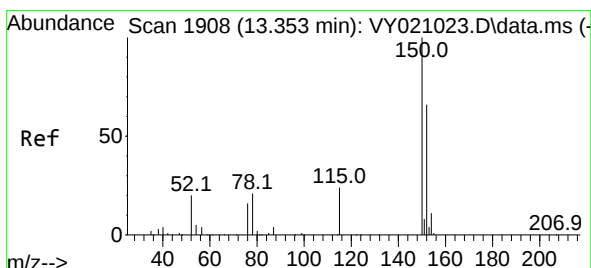
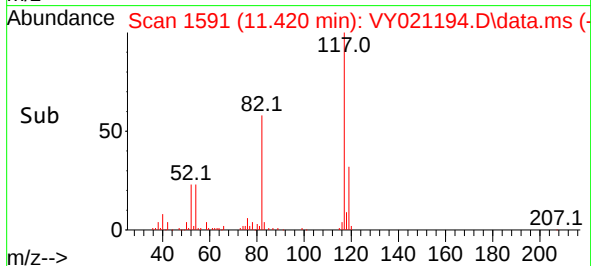
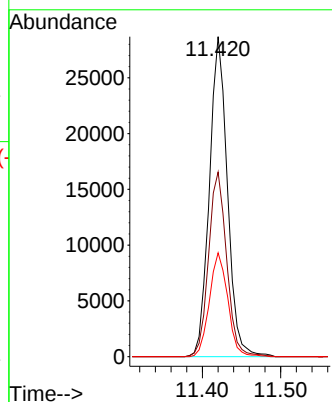
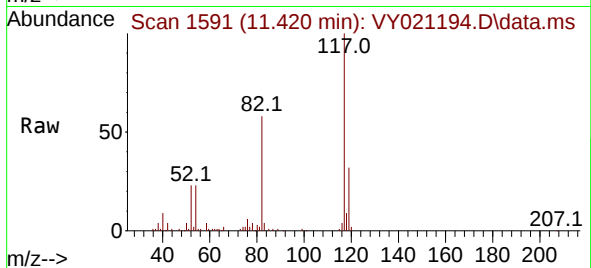
Tgt Ion:117 Resp: 45849

Ion Ratio Lower Upper

117 100

82 57.7 43.8 65.8

119 32.5 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: VY021194.D

Acq: 13 Feb 2025 16:28

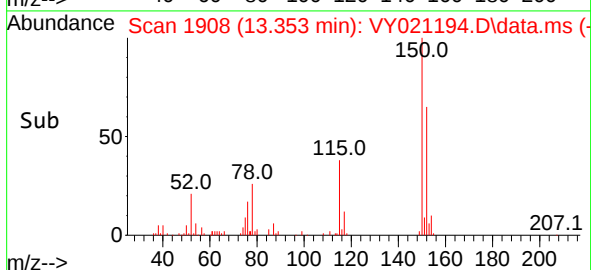
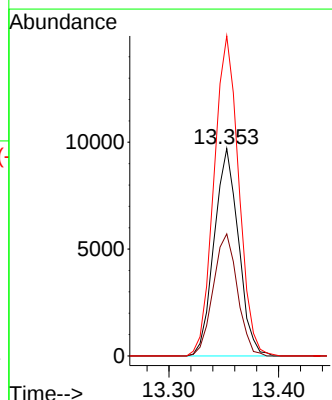
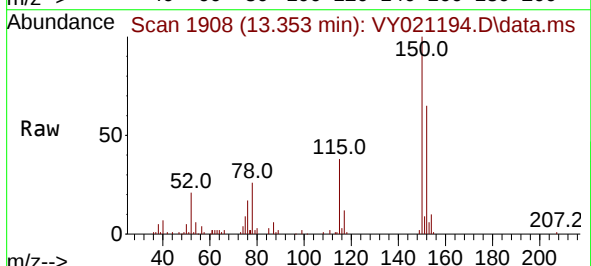
Tgt Ion:152 Resp: 14951

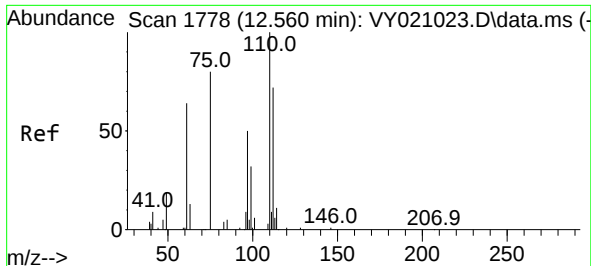
Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 157.2 0.0 344.6

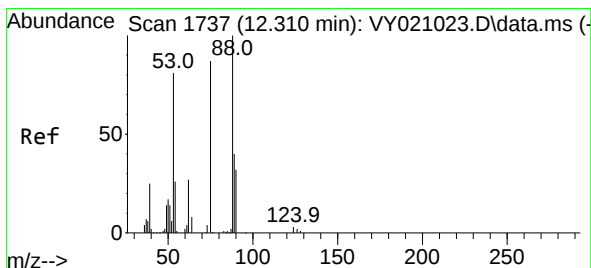
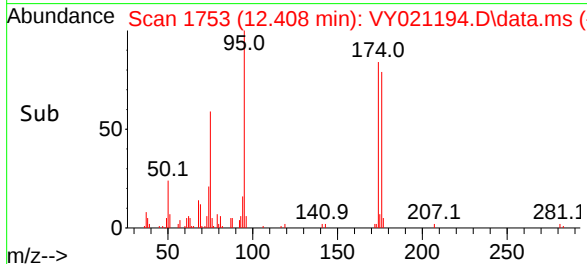
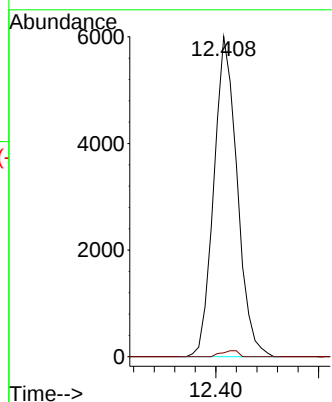
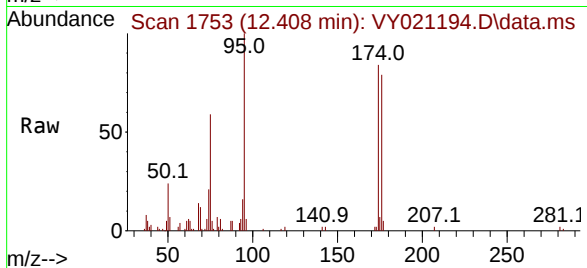




#76
1,2,3-Trichloropropane
Concen: 69.678 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9450
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.176 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

Tgt Ion: 75 Resp: 9450
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

