

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021265.D
 Acq On : 20 Feb 2025 21:23
 Operator : SY/MD
 Sample : Q1382-13
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 02:47:24 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)

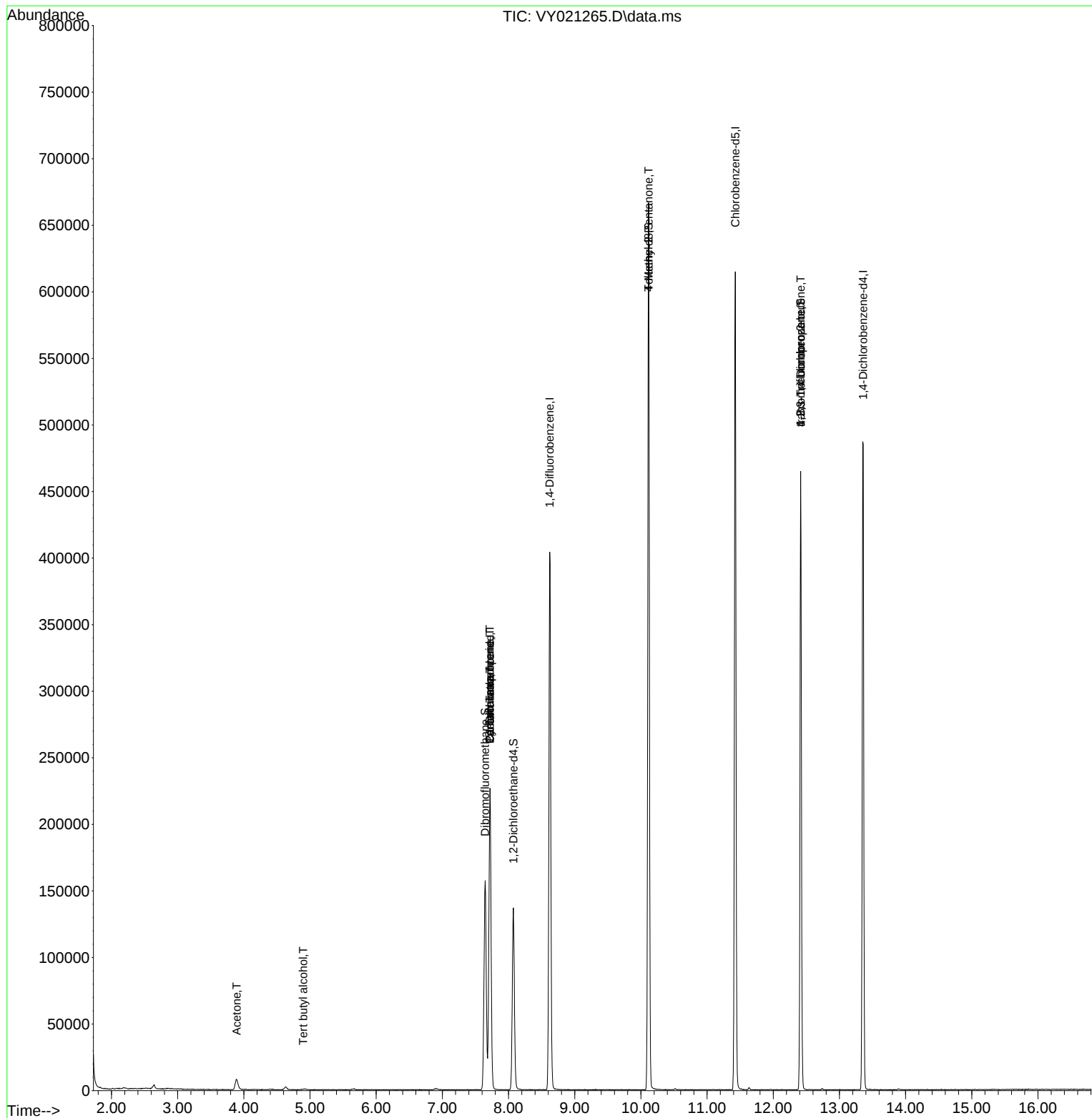
Internal Standards						
1) Pentafluorobenzene	7.719	168	174743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	332067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	313151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	123445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	106598	59.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.080%	
35) Dibromofluoromethane	7.646	113	111593	52.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.880%	
50) Toluene-d8	10.115	98	409922	50.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.414	95	131121	49.539	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.897	59	376	3.099	ug/l #	75
16) Acetone	3.891	43	15811	56.628	ug/l #	88
31) Cyclohexane	7.719	56	4123	1.350	ug/l #	37
36) 1,1-Dichloropropene	7.719	75	13866	4.399	ug/l #	51
38) Carbon Tetrachloride	7.719	117	17525	4.758	ug/l #	16
51) 4-Methyl-2-Pentanone	10.115	43	1977	1.431	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	72996	65.187	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	72996	133.012	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
Data File : VY021265.D
Acq On : 20 Feb 2025 21:23
Operator : SY/MD
Sample : Q1382-13
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 21 02:47:24 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

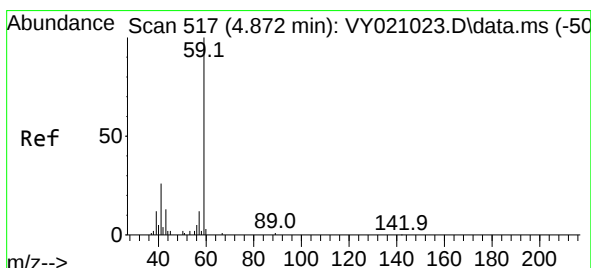
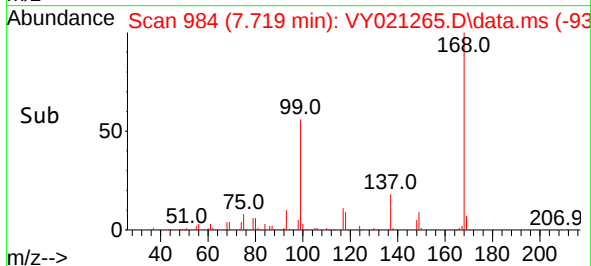
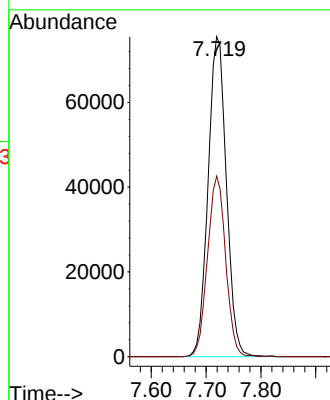
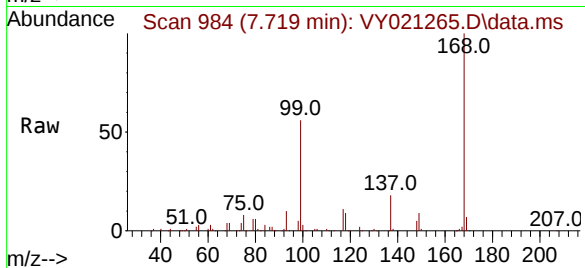




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021265.D
Acq: 20 Feb 2025 21:23

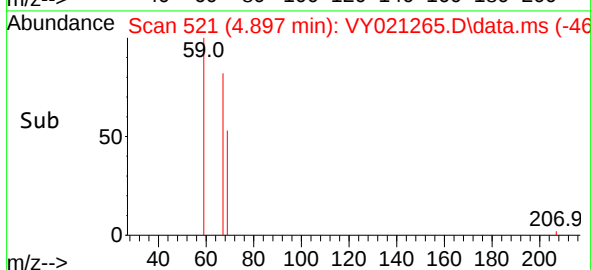
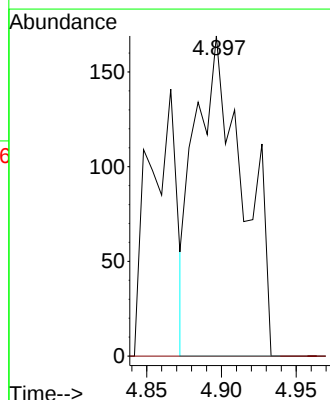
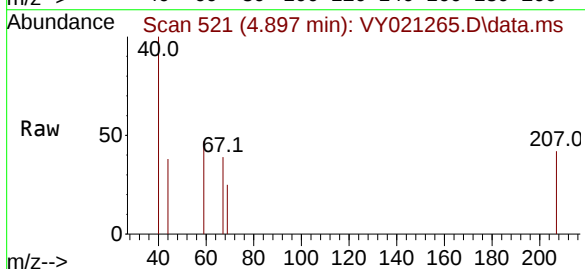
Instrument :
MSVOA_Y
ClientSampleId :

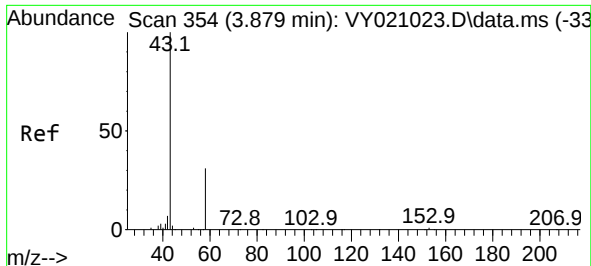
Tgt Ion:168 Resp: 174743
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#11
Tert butyl alcohol
Concen: 3.099 ug/l
RT: 4.897 min Scan# 521
Delta R.T. 0.024 min
Lab File: VY021265.D
Acq: 20 Feb 2025 21:23

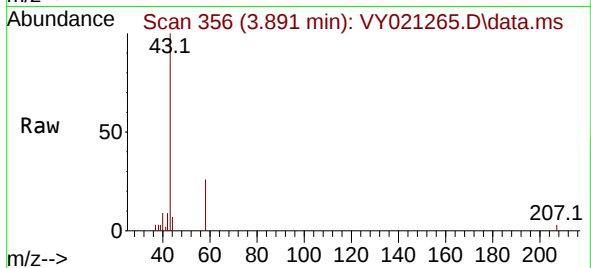
Tgt Ion: 59 Resp: 376
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



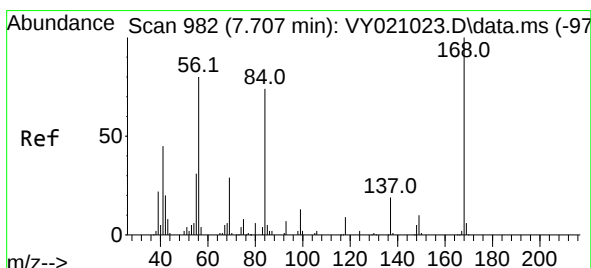
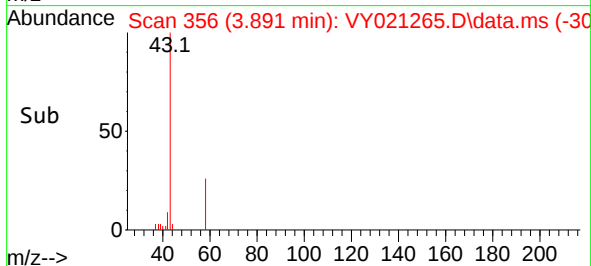
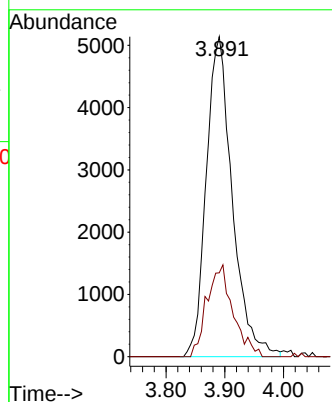


#16
Acetone
Concen: 56.628 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY021265.D
Acq: 20 Feb 2025 21:23

Instrument :
MSVOA_Y
ClientSampleId :

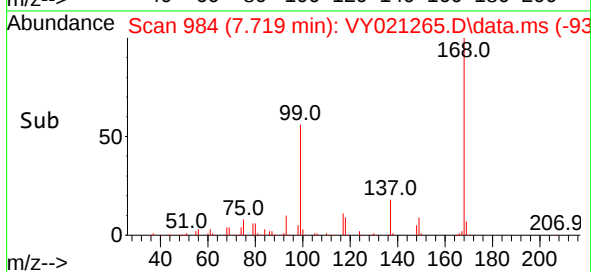
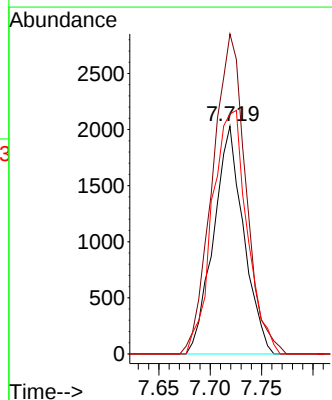
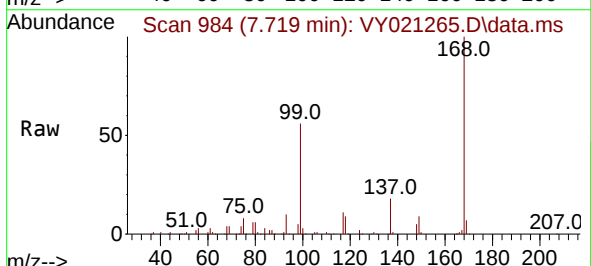


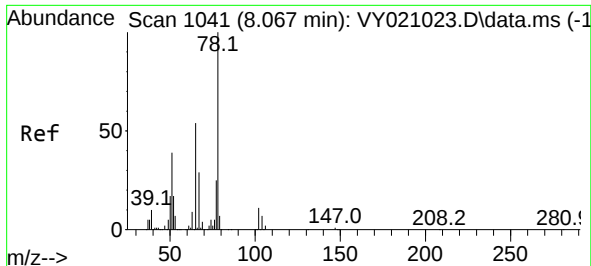
Tgt Ion: 43 Resp: 15811
Ion Ratio Lower Upper
43 100
58 26.2 26.6 39.8#



#31
Cyclohexane
Concen: 1.350 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY021265.D
Acq: 20 Feb 2025 21:23

Tgt Ion: 56 Resp: 4123
Ion Ratio Lower Upper
56 100
69 140.6 27.0 40.6#
84 105.4 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 59.539 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021265.D

Acq: 20 Feb 2025 21:23

Instrument :

MSVOA_Y

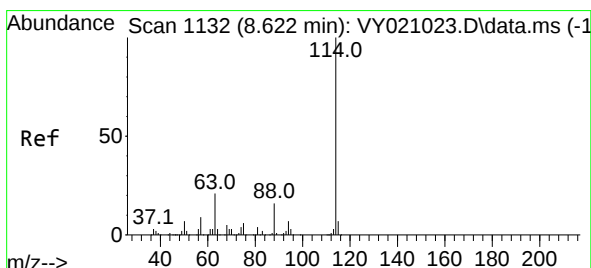
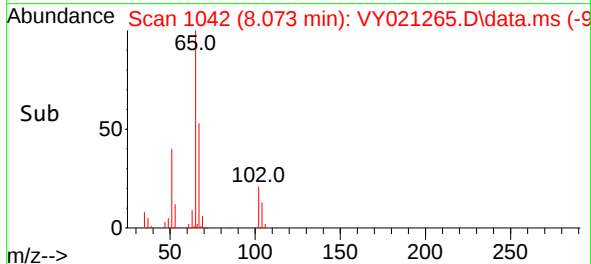
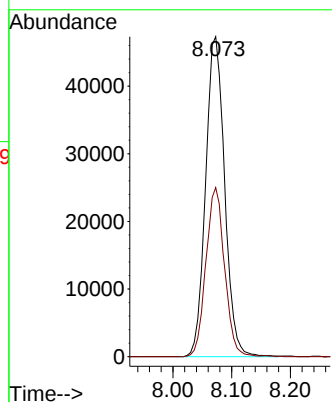
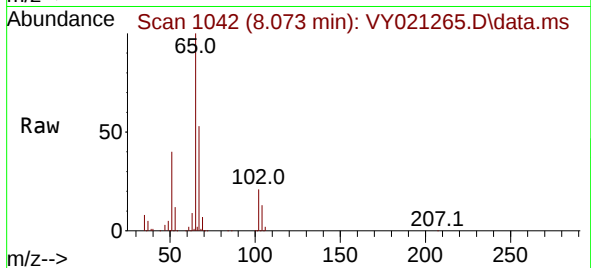
ClientSampleId :

Tgt Ion: 65 Resp: 106598

Ion Ratio Lower Upper

65 100

67 51.7 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: VY021265.D

Acq: 20 Feb 2025 21:23

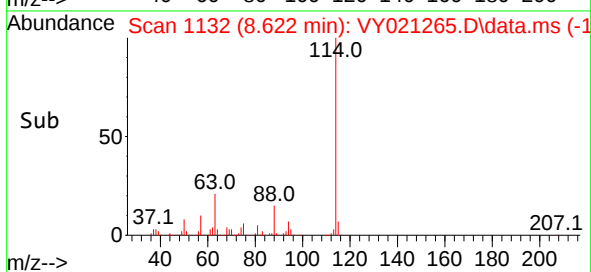
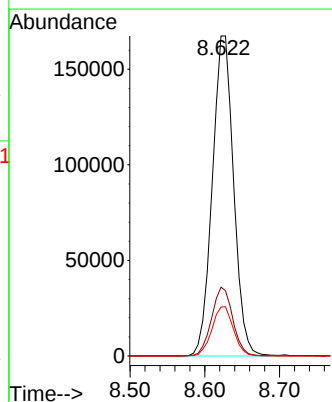
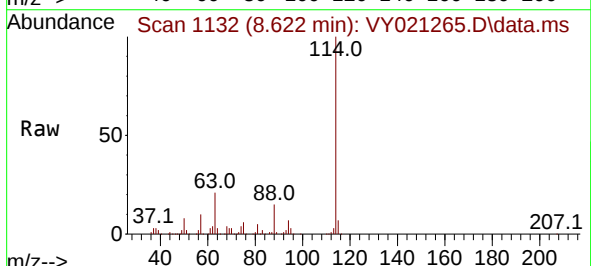
Tgt Ion:114 Resp: 332067

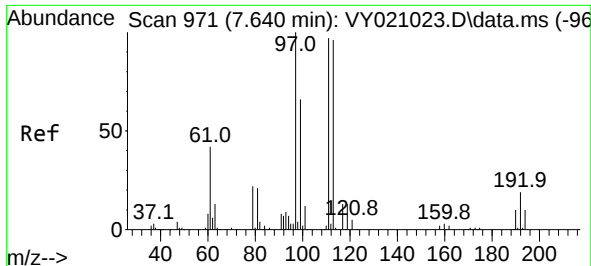
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 15.3 0.0 29.0

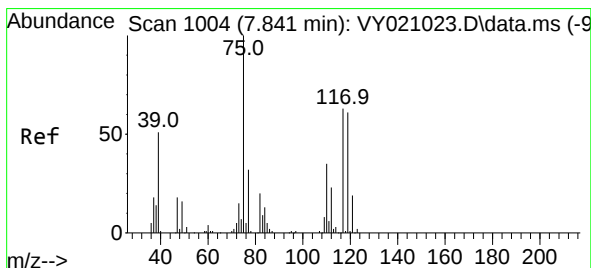
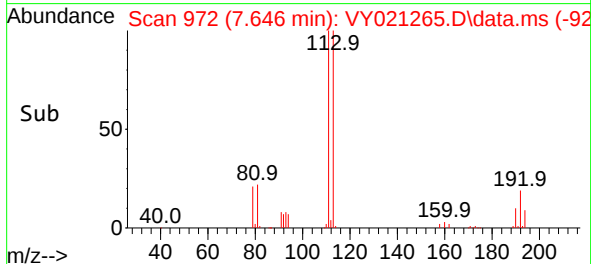
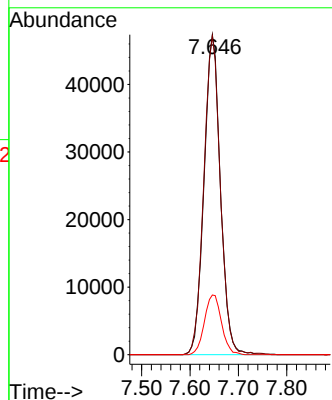
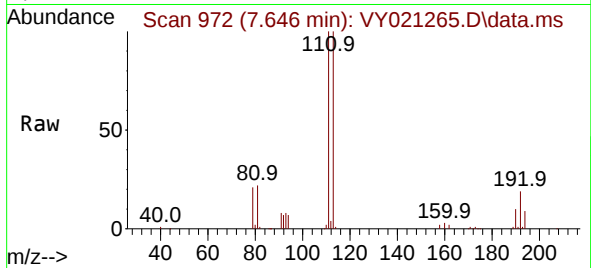




#35
Dibromofluoromethane
Concen: 52.438 ug/l
RT: 7.646 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021265.D
Acq: 20 Feb 2025 21:23

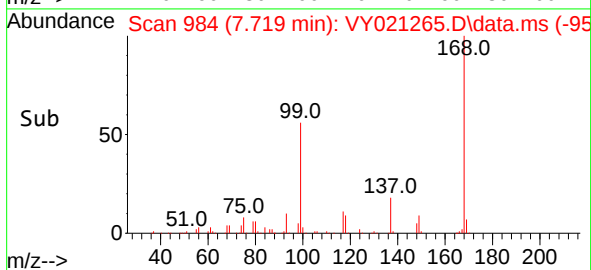
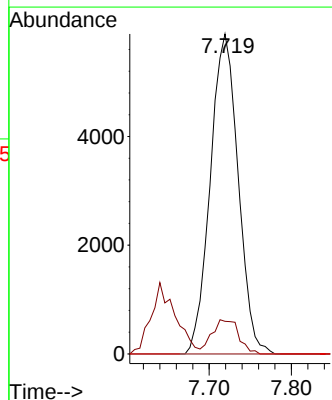
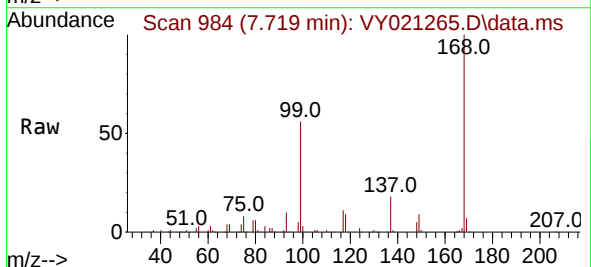
Instrument :
MSVOA_Y
ClientSampleId :

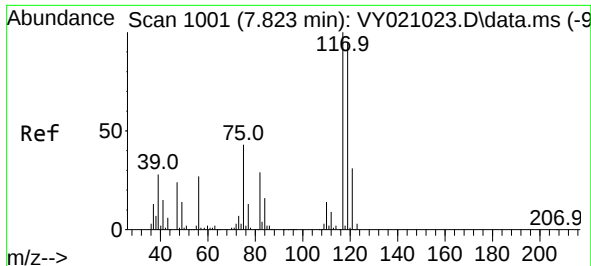
Tgt Ion:113 Resp: 111593
Ion Ratio Lower Upper
113 100
111 100.4 83.8 125.6
192 19.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.399 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY021265.D
Acq: 20 Feb 2025 21:23

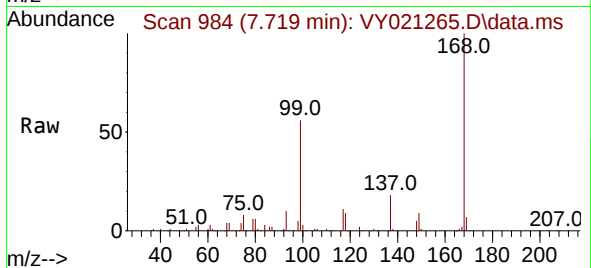
Tgt Ion: 75 Resp: 13866
Ion Ratio Lower Upper
75 100
110 10.2 17.4 52.3#
77 0.0 24.7 37.1#



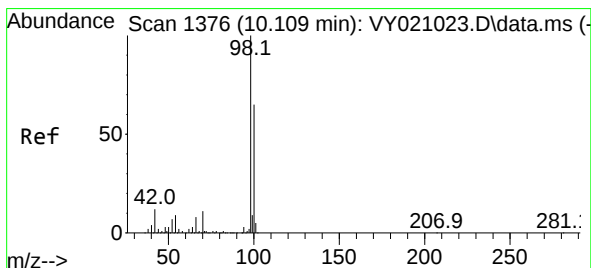
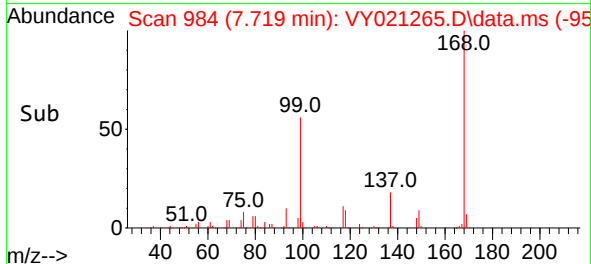
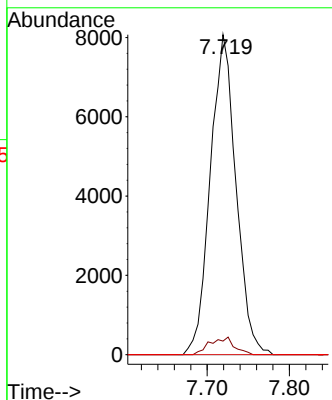


#38
Carbon Tetrachloride
Concen: 4.758 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY021265.D
Acq: 20 Feb 2025 21:23

Instrument :
MSVOA_Y
ClientSampleId :

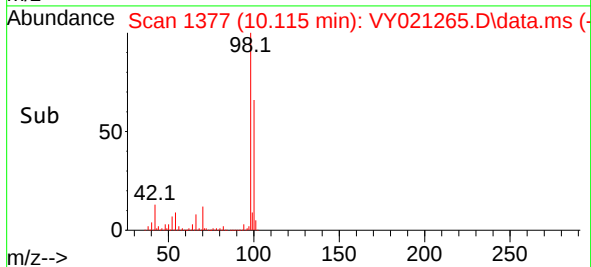
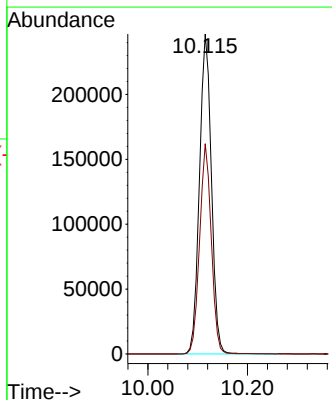
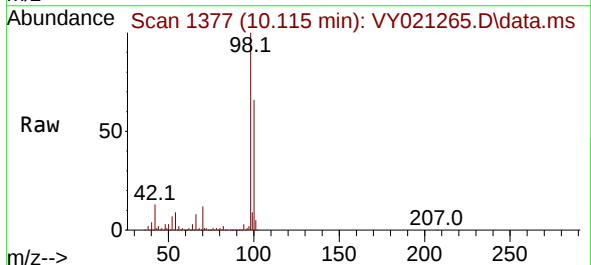


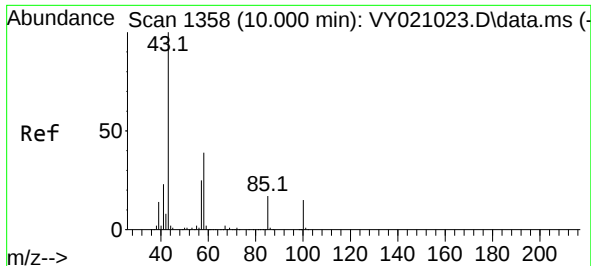
Tgt Ion:117 Resp: 17525
Ion Ratio Lower Upper
117 100
119 4.3 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.596 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021265.D
Acq: 20 Feb 2025 21:23

Tgt Ion: 98 Resp: 409922
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5

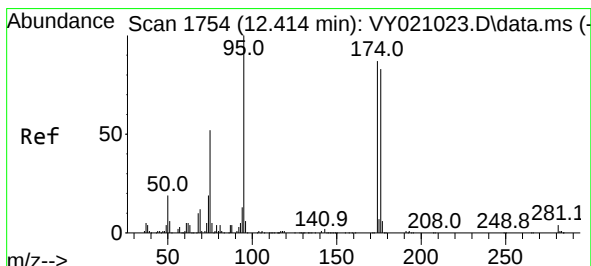
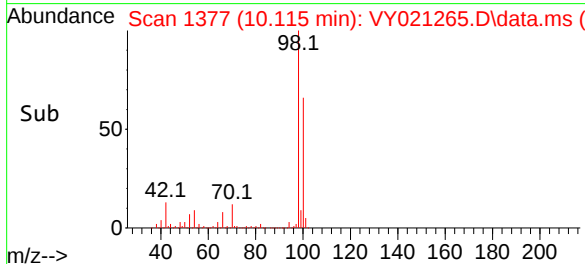
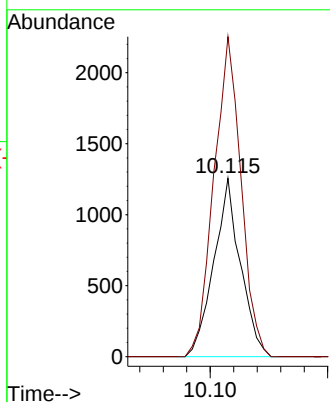
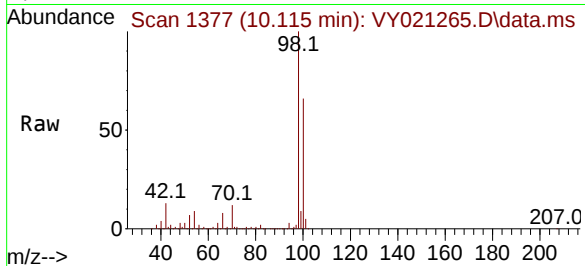




#51
4-Methyl-2-Pentanone
Concen: 1.431 ug/l
RT: 10.115 min Scan# 1358
Delta R.T. 0.116 min
Lab File: VY021265.D
Acq: 20 Feb 2025 21:23

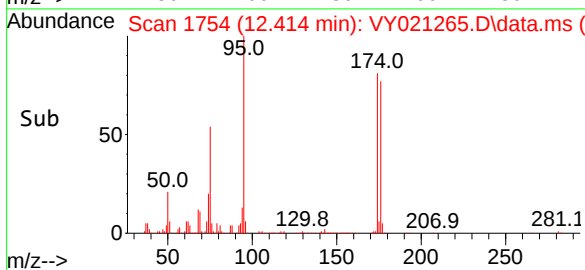
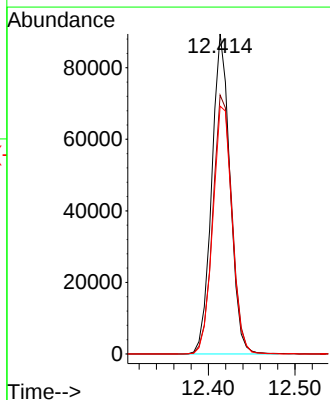
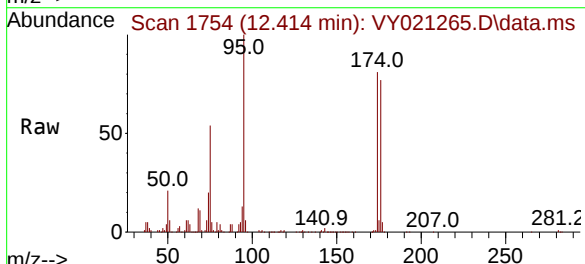
Instrument :
MSVOA_Y
ClientSampleId :

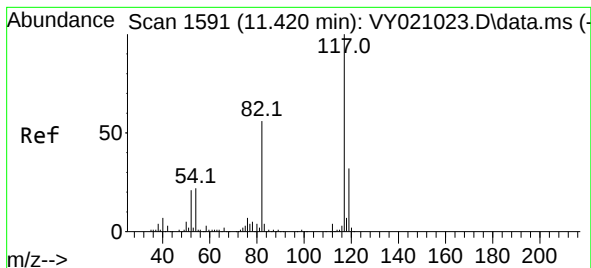
Tgt Ion: 43 Resp: 1977
Ion Ratio Lower Upper
43 100
58 182.8 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 49.539 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021265.D
Acq: 20 Feb 2025 21:23

Tgt Ion: 95 Resp: 131121
Ion Ratio Lower Upper
95 100
174 85.0 0.0 160.0
176 81.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021265.D

Acq: 20 Feb 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

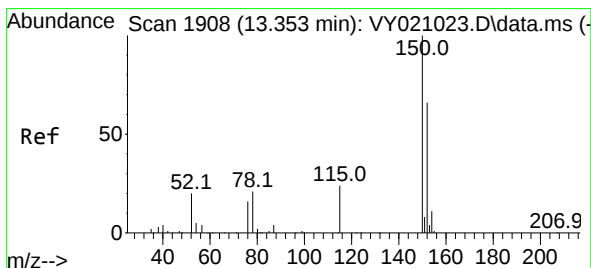
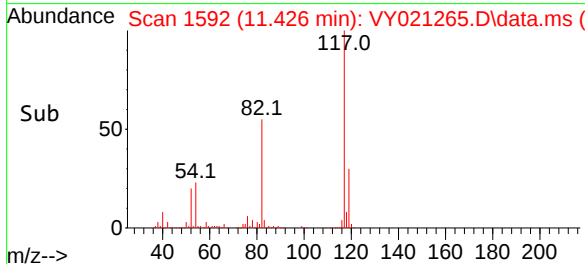
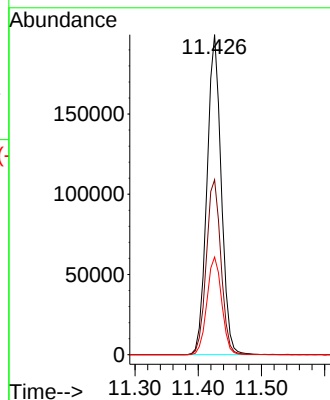
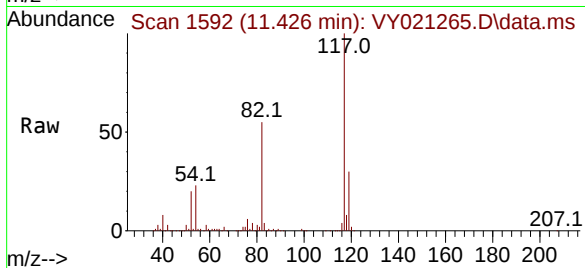
Tgt Ion:117 Resp: 313151

Ion Ratio Lower Upper

117 100

82 54.6 43.8 65.8

119 30.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021265.D

Acq: 20 Feb 2025 21:23

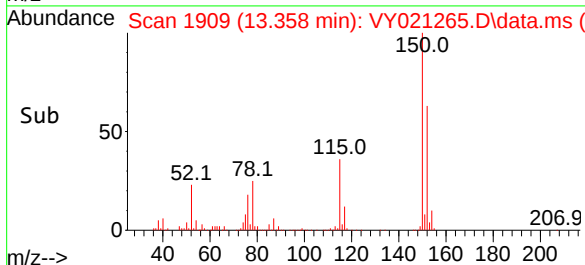
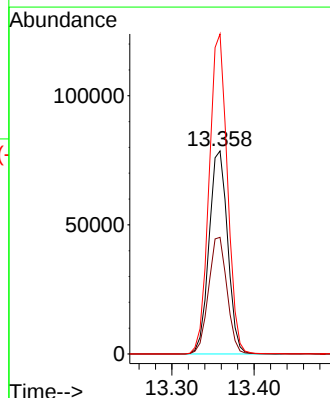
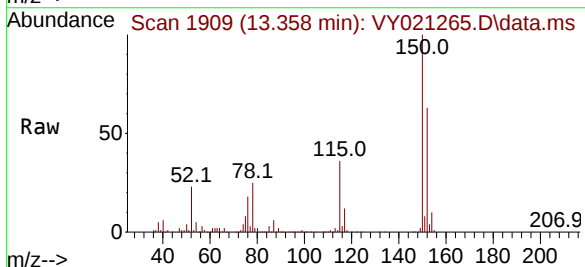
Tgt Ion:152 Resp: 123445

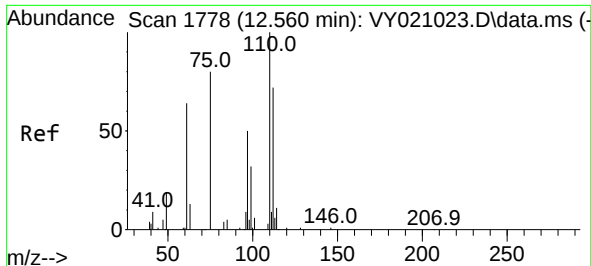
Ion Ratio Lower Upper

152 100

115 57.2 30.0 90.0

150 155.0 0.0 344.6

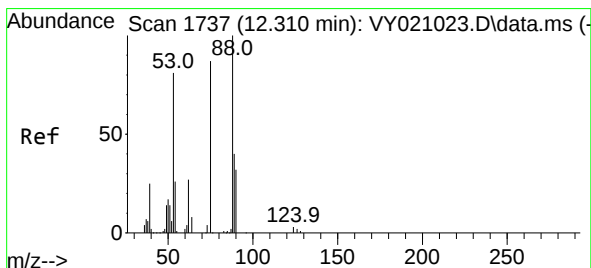
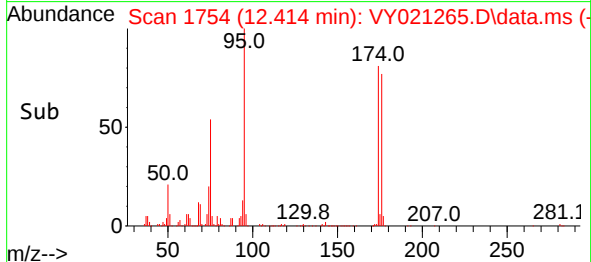
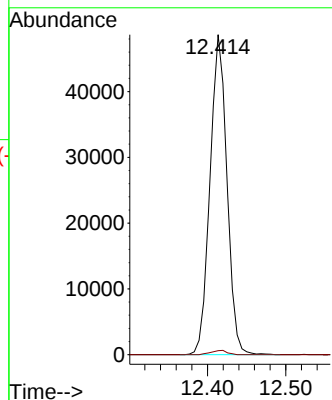
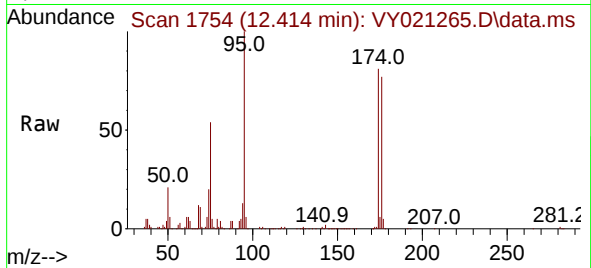




#76
 1,2,3-Trichloropropane
 Concen: 65.187 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.147 min
 Lab File: VY021265.D
 Acq: 20 Feb 2025 21:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 72996
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.012 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. 0.103 min
 Lab File: VY021265.D
 Acq: 20 Feb 2025 21:23

Tgt Ion: 75 Resp: 72996
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

