

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021126.D
 Acq On : 06 Feb 2025 21:02
 Operator : SY/MD
 Sample : Q1299-07
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 02:38:19 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)

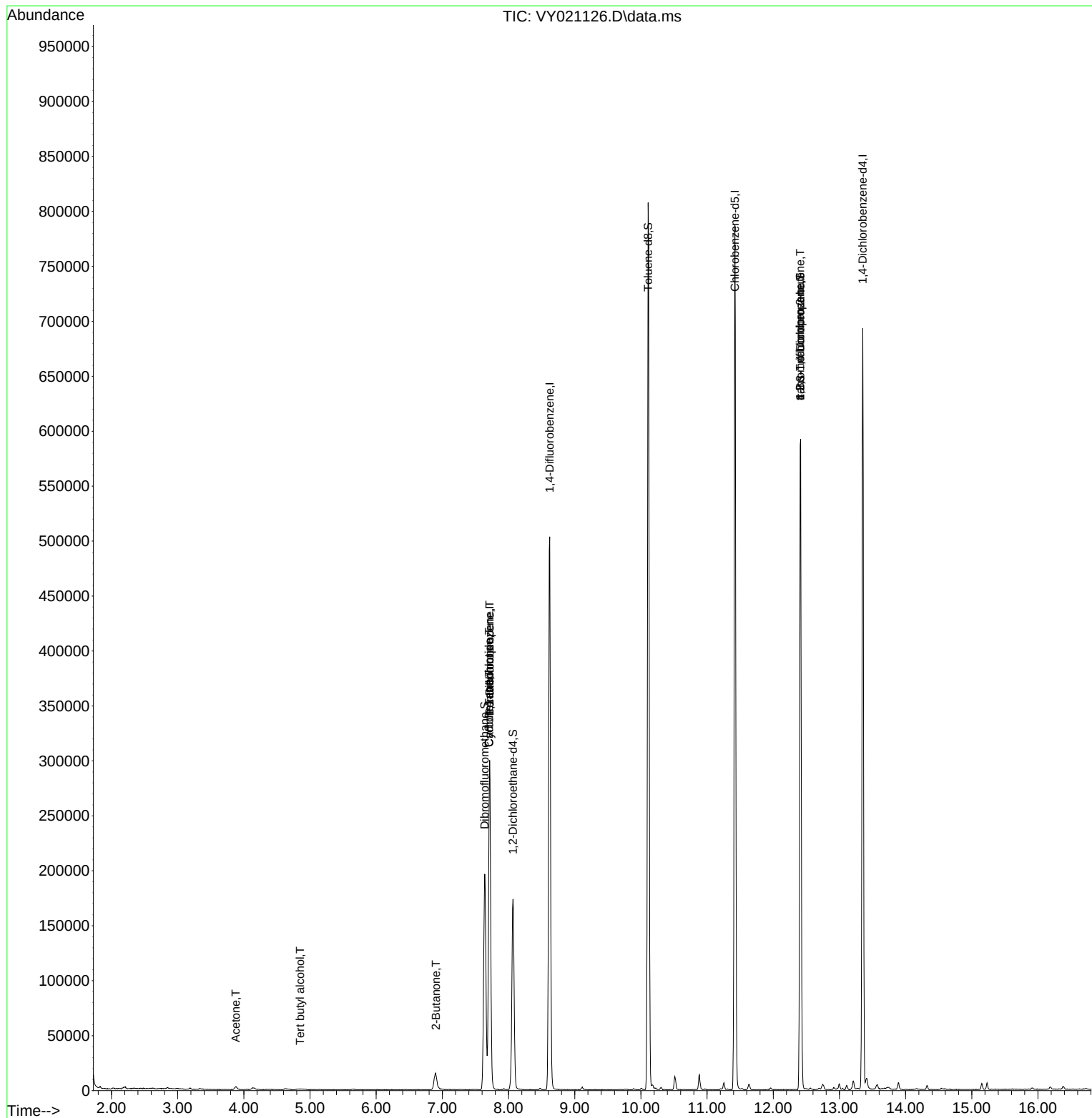
Internal Standards						
1) Pentafluorobenzene	7.713	168	227448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	423672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	399507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	168588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	138312	59.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.700%	
35) Dibromofluoromethane	7.640	113	140367	51.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.400%	
50) Toluene-d8	10.109	98	516998	50.015	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	12.408	95	179242	53.077	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	179	1.133	ug/l	96
16) Acetone	3.879	43	5210	14.336	ug/l	97
25) 2-Butanone	6.902	43	1313	2.199	ug/l	95
31) Cyclohexane	7.707	56	5522	1.389	ug/l #	26
36) 1,1-Dichloropropene	7.713	75	18554	4.614	ug/l #	50
38) Carbon Tetrachloride	7.707	117	23457	4.992	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	97018	63.439	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	97018	129.447	ug/l #	12

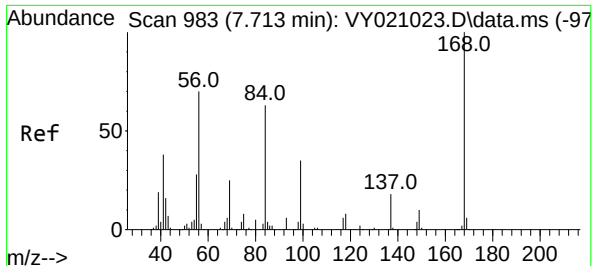
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021126.D
Acq On : 06 Feb 2025 21:02
Operator : SY/MD
Sample : Q1299-07
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 07 02:38:19 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

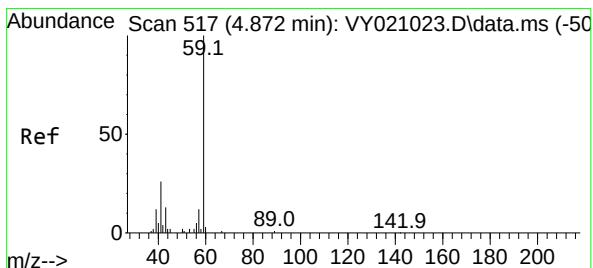
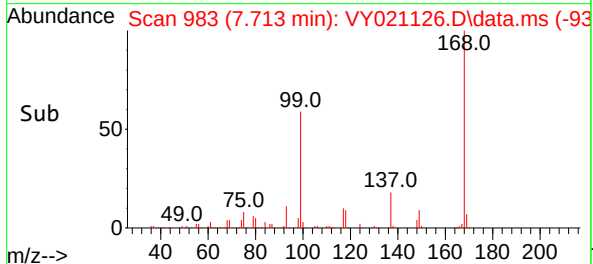
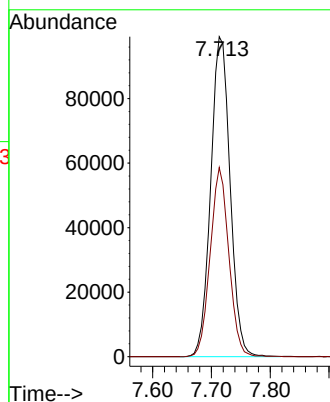
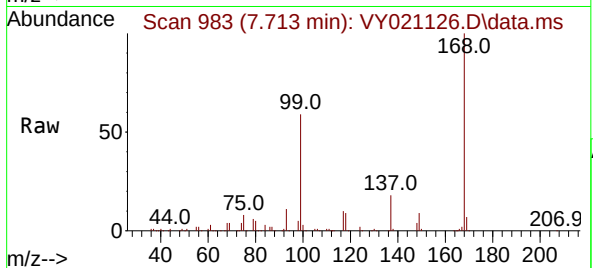




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

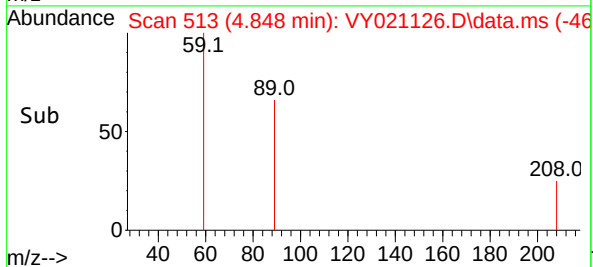
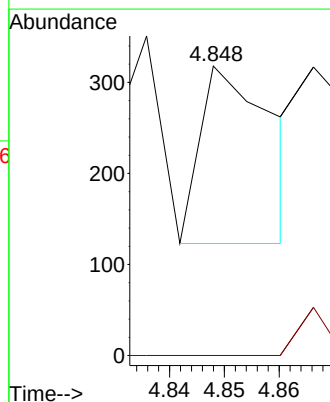
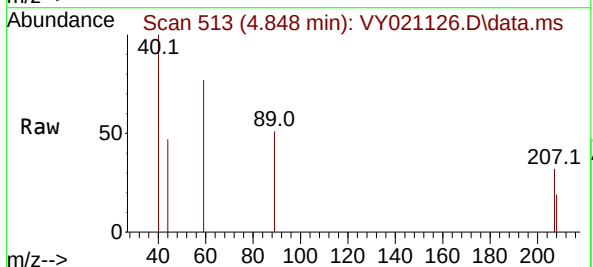
Instrument :
MSVOA_Y
ClientSampleId :

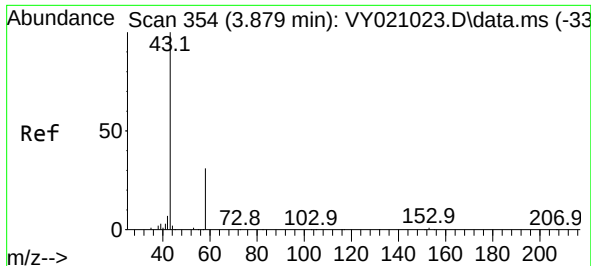
Tgt Ion:168 Resp: 227448
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 1.133 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.025 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

Tgt Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
57 10.6 7.4 11.0





#16

Acetone

Concen: 14.336 ug/l

RT: 3.879 min Scan# 3

Delta R.T. -0.000 min

Lab File: VY021126.D

Acq: 06 Feb 2025 21:02

Instrument :

MSVOA_Y

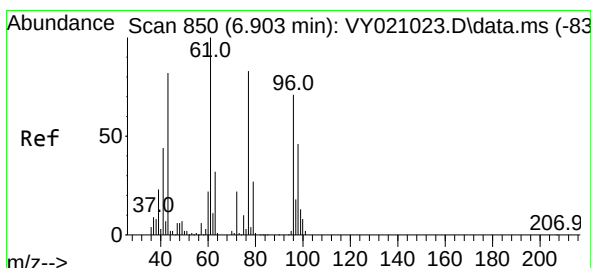
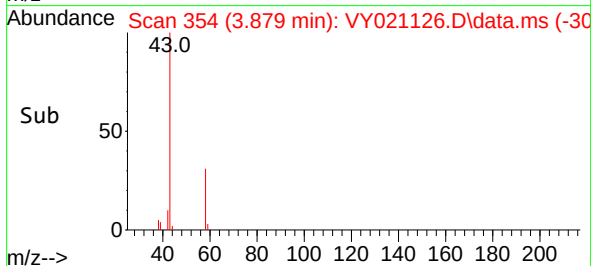
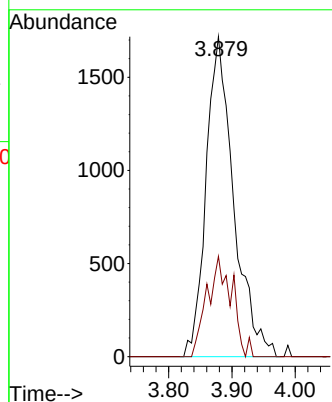
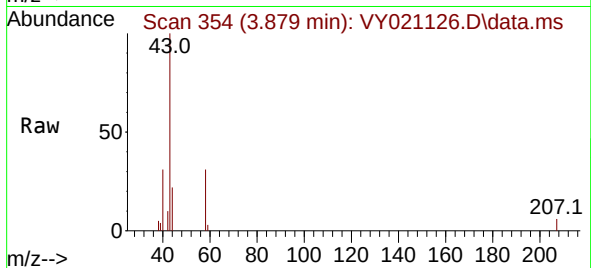
ClientSampleId :

Tgt Ion: 43 Resp: 5210

Ion Ratio Lower Upper

43 100

58 31.3 26.6 39.8



#25

2-Butanone

Concen: 2.199 ug/l

RT: 6.902 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY021126.D

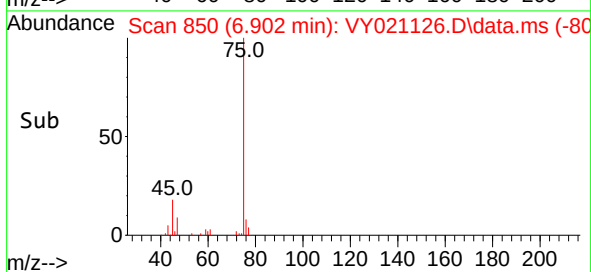
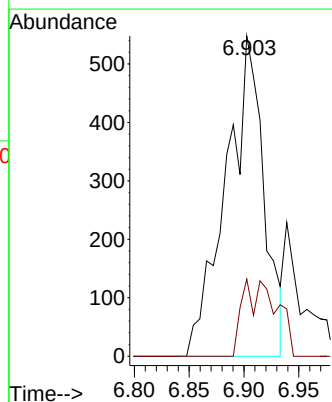
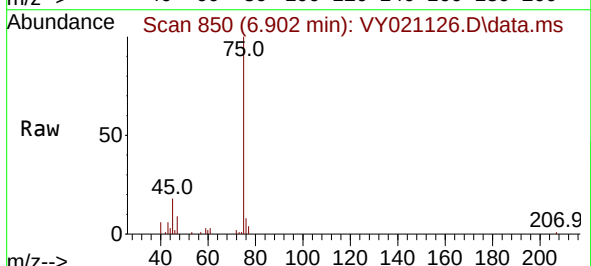
Acq: 06 Feb 2025 21:02

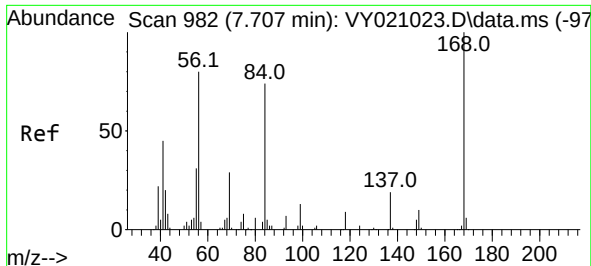
Tgt Ion: 43 Resp: 1313

Ion Ratio Lower Upper

43 100

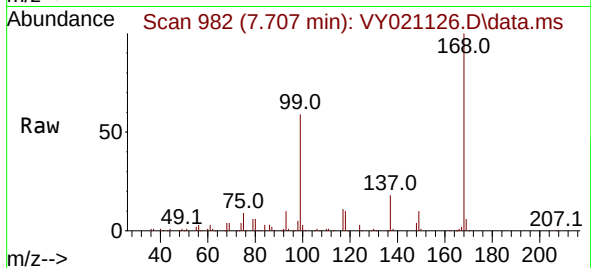
72 24.1 21.4 32.2



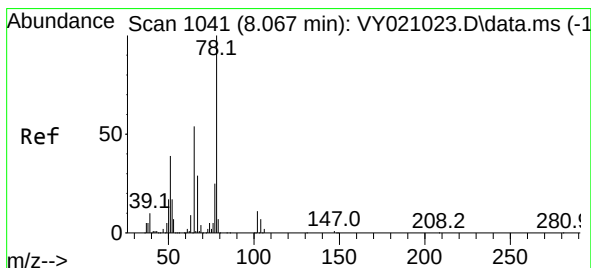
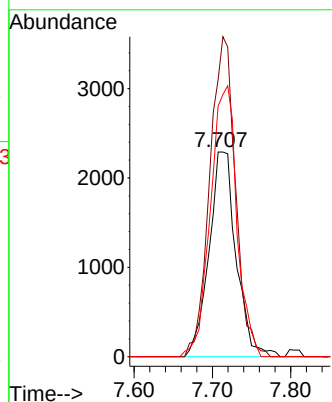
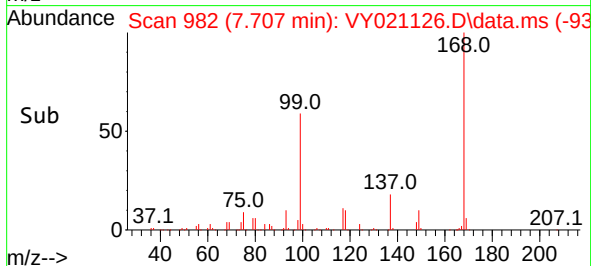


#31
Cyclohexane
Concen: 1.389 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

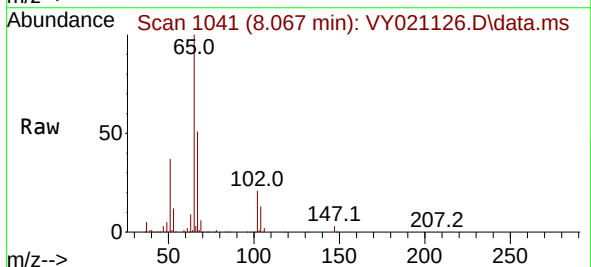
Instrument :
MSVOA_Y
ClientSampleId :



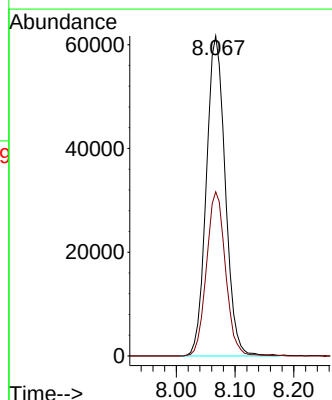
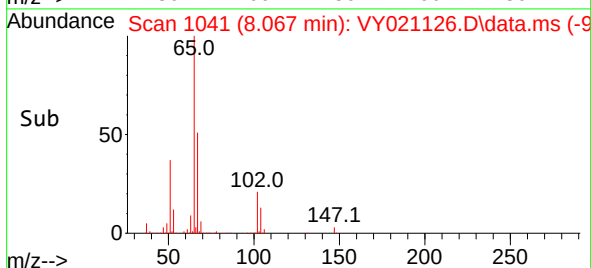
Tgt Ion: 56 Resp: 5522
Ion Ratio Lower Upper
56 100
69 135.3 27.0 40.6#
84 122.5 71.8 107.6#

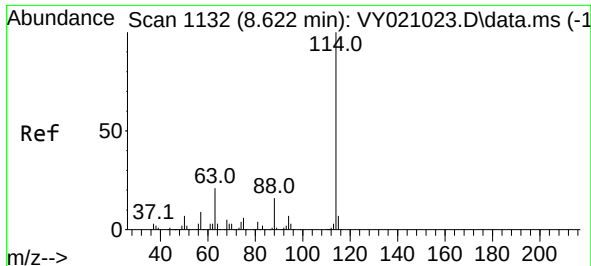


#33
1,2-Dichloroethane-d4
Concen: 59.351 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02



Tgt Ion: 65 Resp: 138312
Ion Ratio Lower Upper
65 100
67 51.5 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: VY021126.D

Acq: 06 Feb 2025 21:02

Instrument :

MSVOA_Y

ClientSampleId :

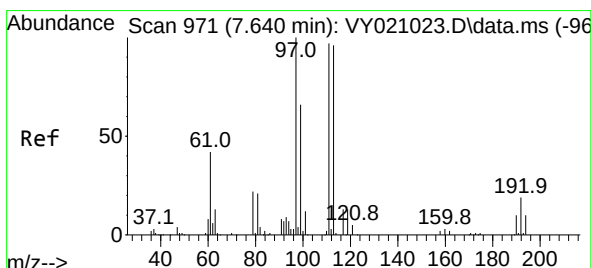
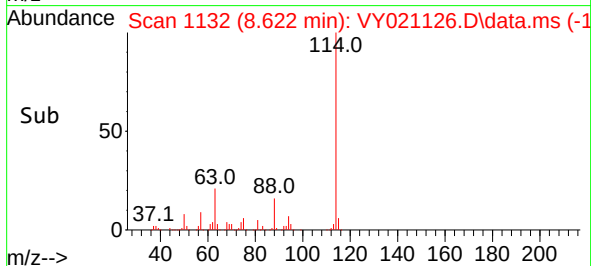
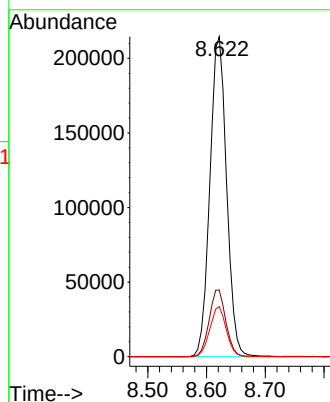
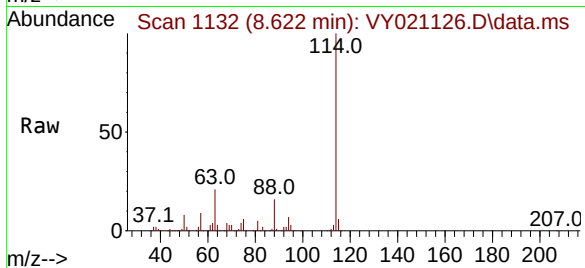
Tgt Ion:114 Resp: 423672

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.697 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021126.D

Acq: 06 Feb 2025 21:02

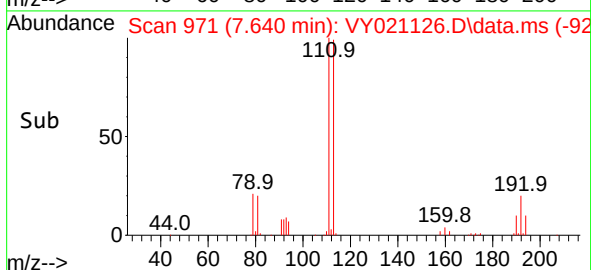
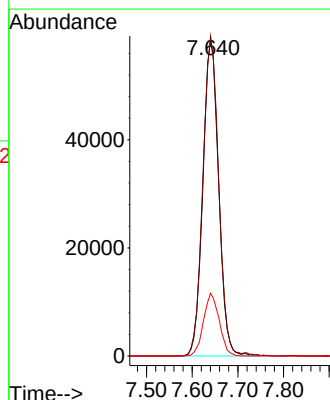
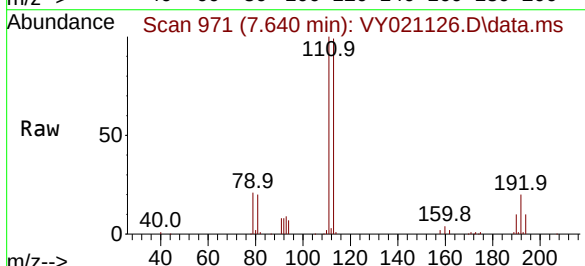
Tgt Ion:113 Resp: 140367

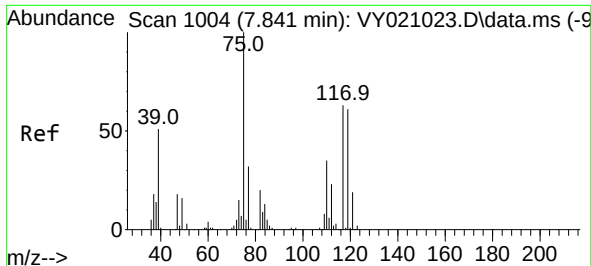
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 19.7 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.614 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY021126.D

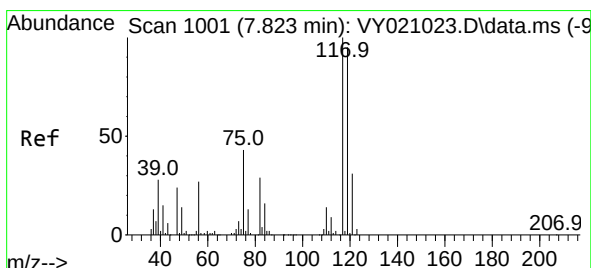
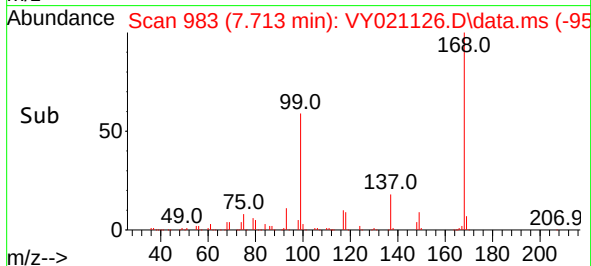
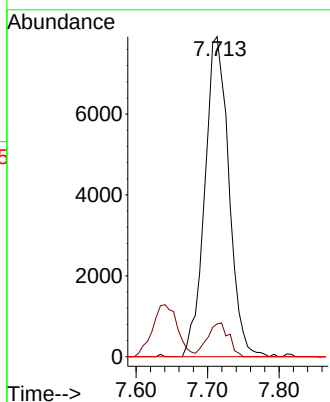
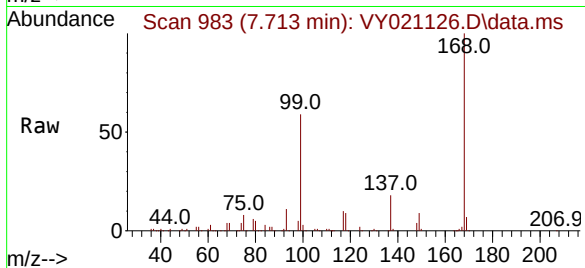
Acq: 06 Feb 2025 21:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	18554
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.4	52.3#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 4.992 ug/l

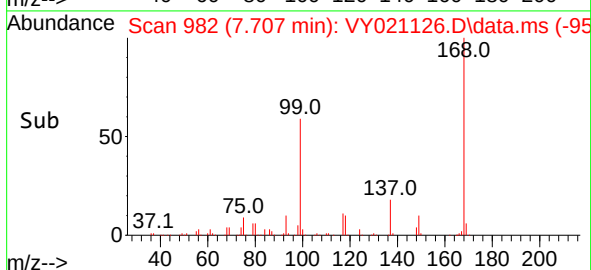
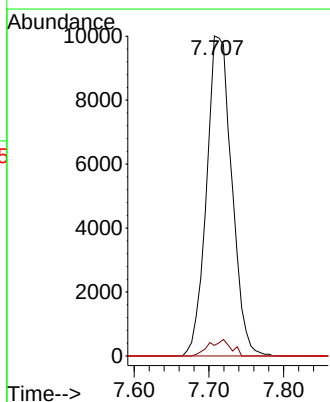
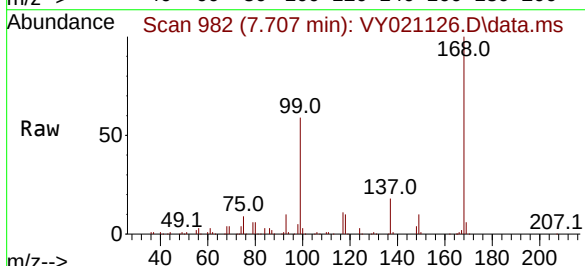
RT: 7.707 min Scan# 982

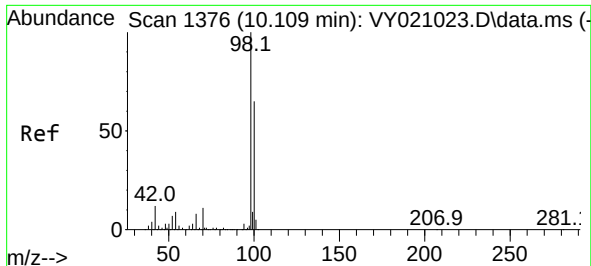
Delta R.T. -0.116 min

Lab File: VY021126.D

Acq: 06 Feb 2025 21:02

Tgt Ion:	117	Resp:	23457
Ion	Ratio	Lower	Upper
117	100		
119	3.3	76.0	114.0#
121	0.0	24.2	36.2#

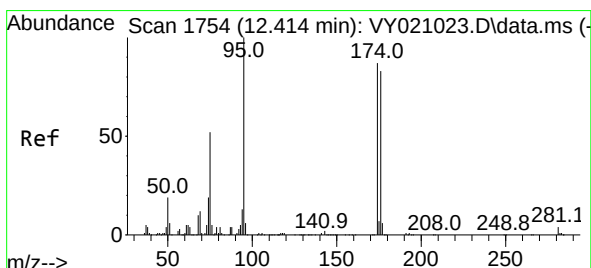
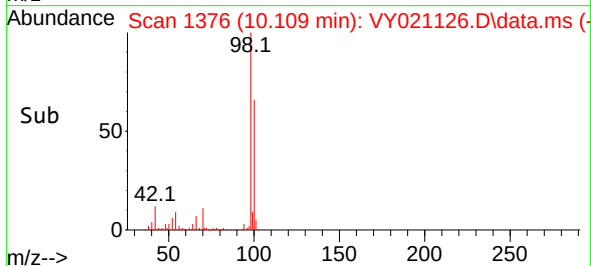
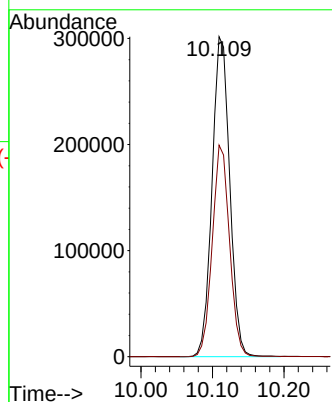
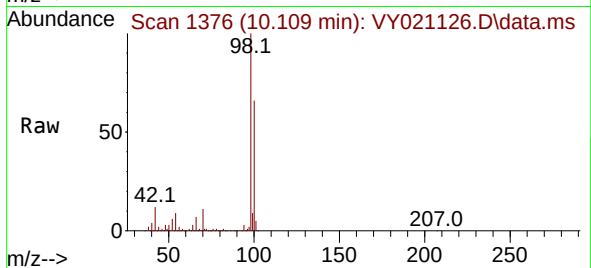




#50
Toluene-d8
Concen: 50.015 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

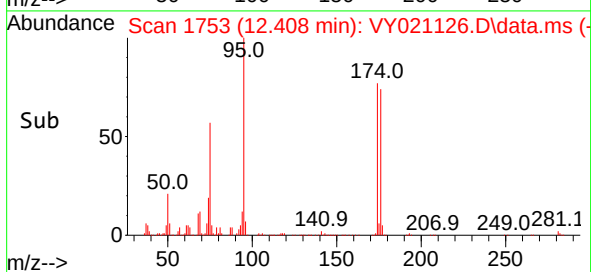
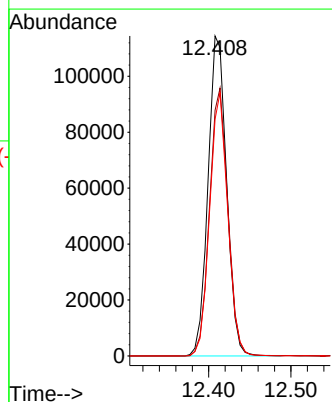
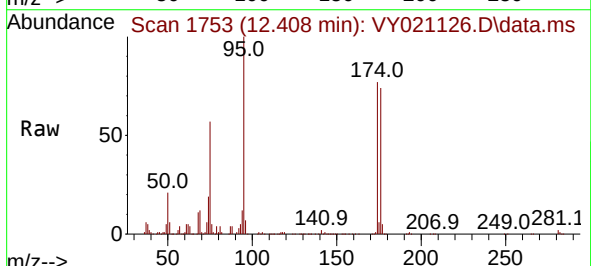
Instrument :
MSVOA_Y
ClientSampleId :

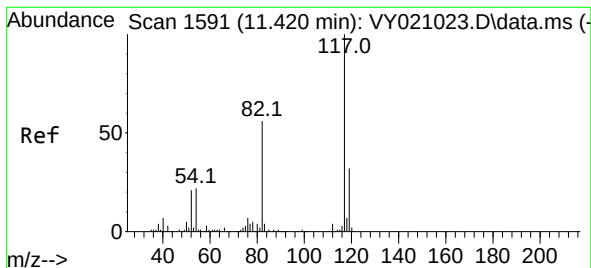
Tgt Ion: 98 Resp: 516998
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 53.077 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

Tgt Ion: 95 Resp: 179242
Ion Ratio Lower Upper
95 100
174 83.2 0.0 160.0
176 80.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

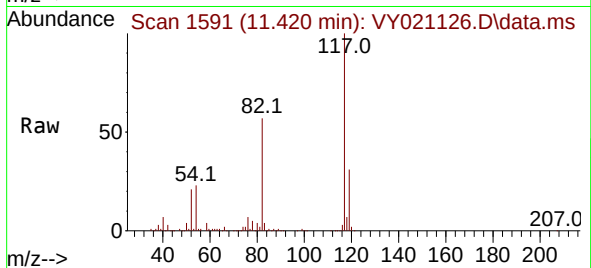
Lab File: VY021126.D

Acq: 06 Feb 2025 21:02

Instrument :

MSVOA_Y

ClientSampleId :



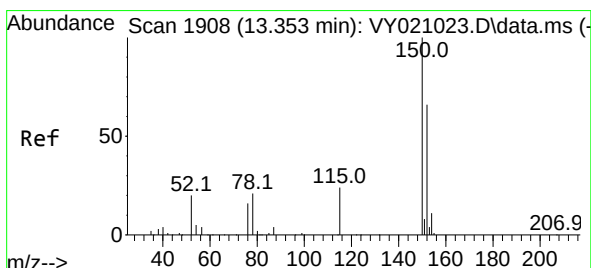
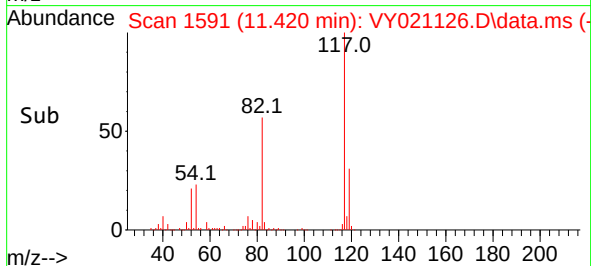
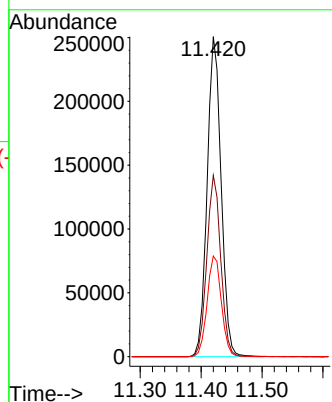
Tgt Ion:117 Resp: 399507

Ion Ratio Lower Upper

117 100

82 56.7 43.8 65.8

119 31.5 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: VY021126.D

Acq: 06 Feb 2025 21:02

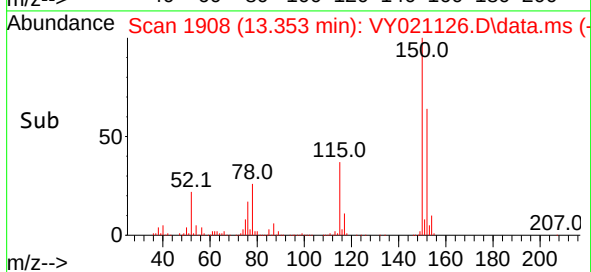
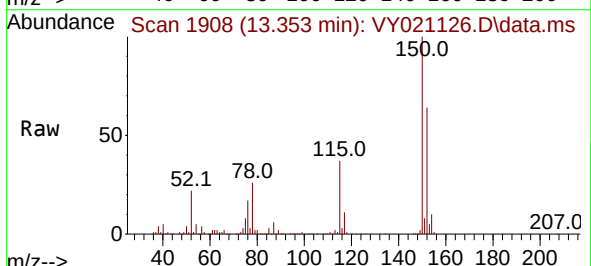
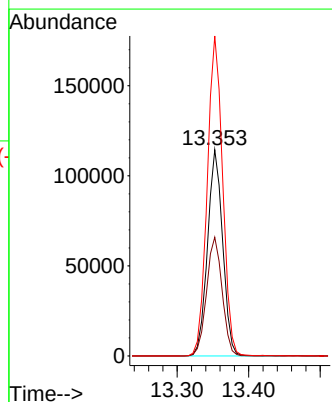
Tgt Ion:152 Resp: 168588

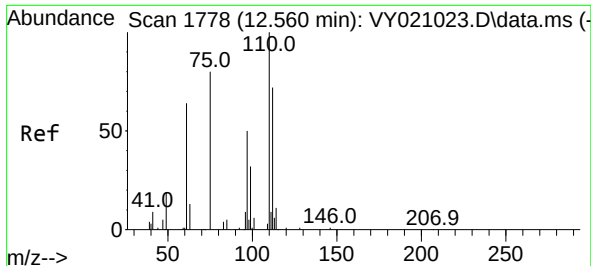
Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 157.7 0.0 344.6

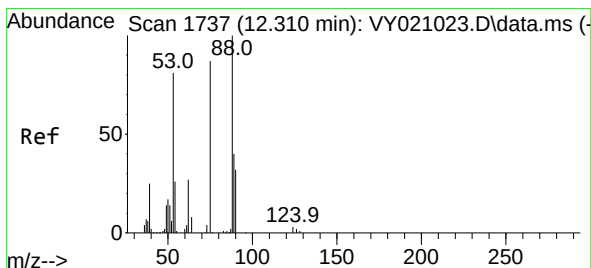
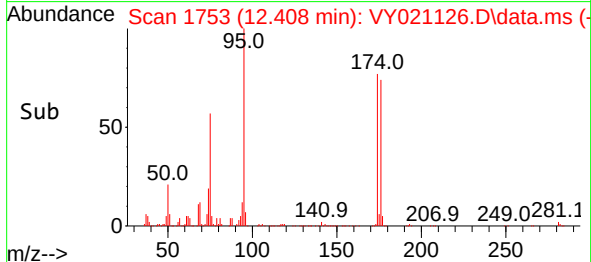
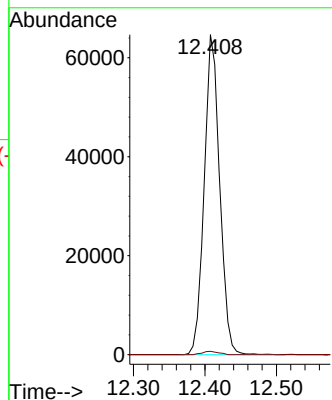
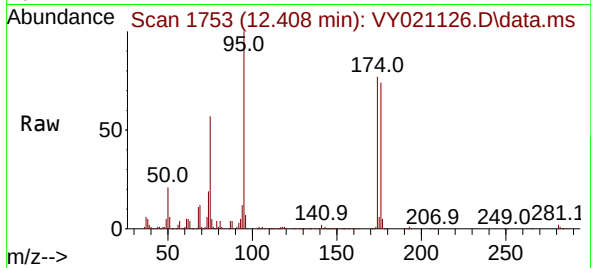




#76
1,2,3-Trichloropropane
Concen: 63.439 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 97018
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.447 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

Tgt Ion: 75 Resp: 97018
Ion Ratio Lower Upper
75 100
53 0.2 74.0 111.0#
89 0.0 36.5 54.7#

