

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021158.D
 Acq On : 10 Feb 2025 16:46
 Operator : SY/MD
 Sample : Q1343-07
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 00:31:52 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)

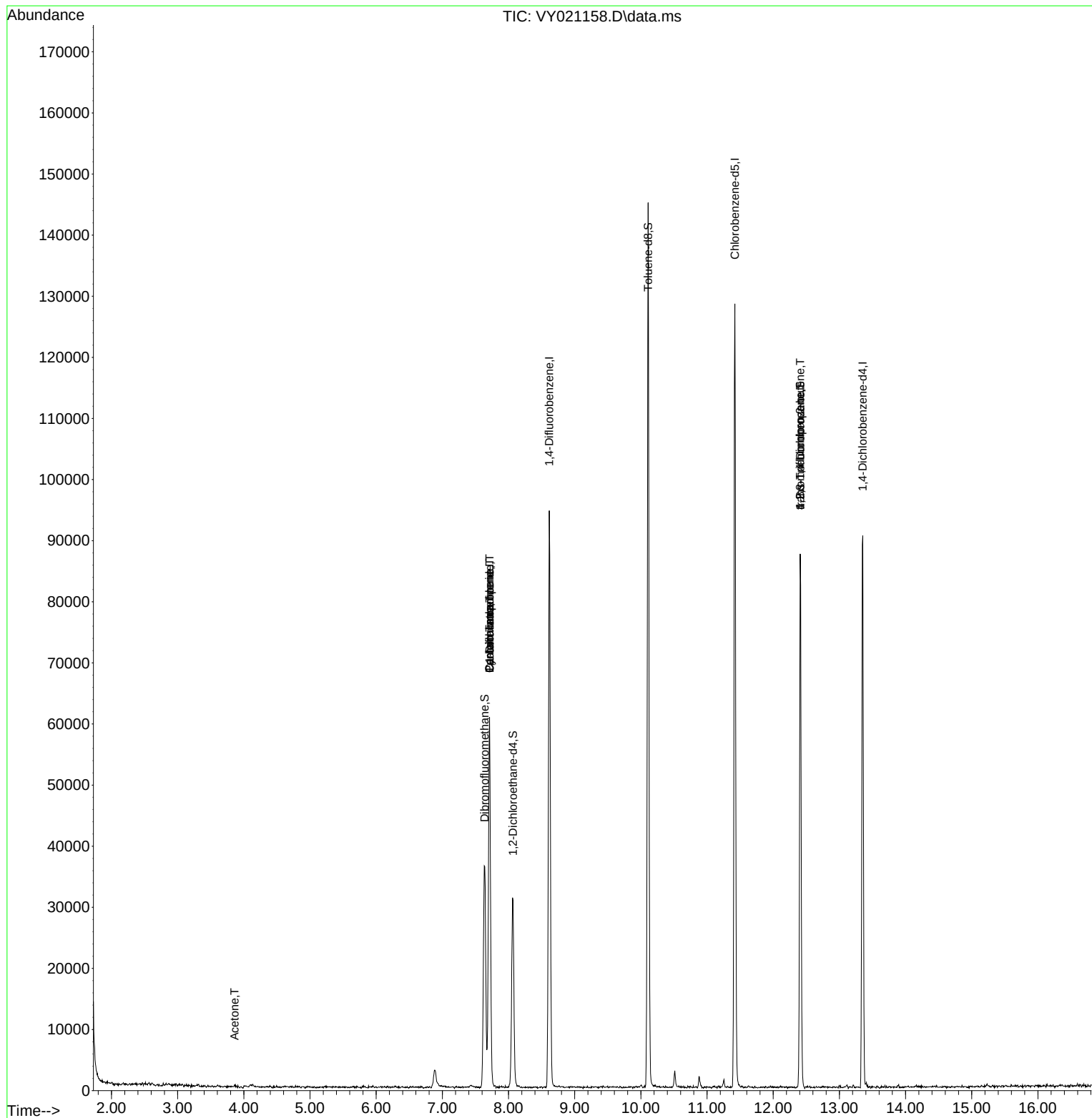
Internal Standards						
1) Pentafluorobenzene	7.713	168	43829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	76743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	66592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	23595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	25028	55.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.460%	
35) Dibromofluoromethane	7.640	113	26817	54.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.060%	
50) Toluene-d8	10.109	98	92174	49.228	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.460%	
62) 4-Bromofluorobenzene	12.408	95	25649	41.931	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.860%	
Target Compounds						Qvalue
16) Acetone	3.860	43	275	3.927	ug/l #	41
31) Cyclohexane	7.713	56	1115	1.456	ug/l #	39
36) 1,1-Dichloropropene	7.713	75	3654	5.016	ug/l #	49
38) Carbon Tetrachloride	7.713	117	4733	5.560	ug/l #	19
76) 1,2,3-Trichloropropane	12.408	75	14254	66.596	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	14254	135.888	ug/l #	12

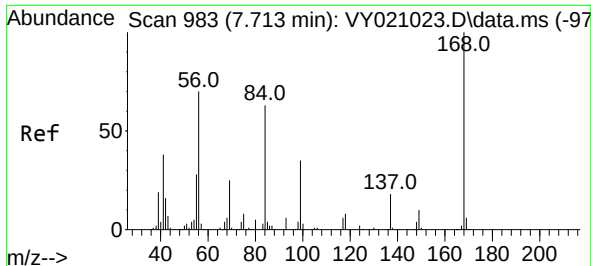
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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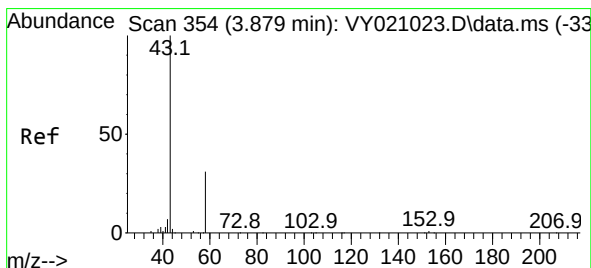
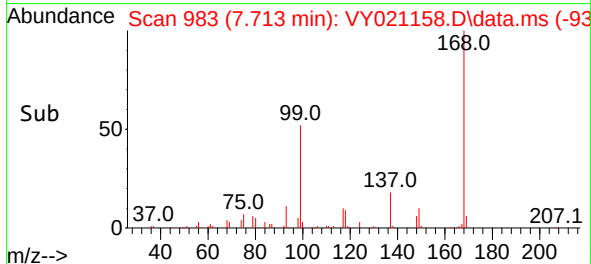
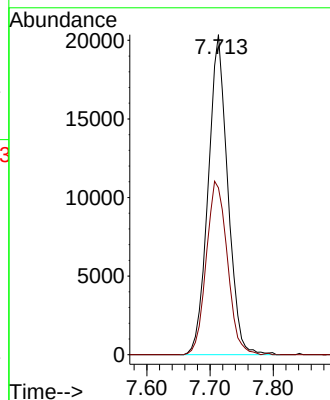
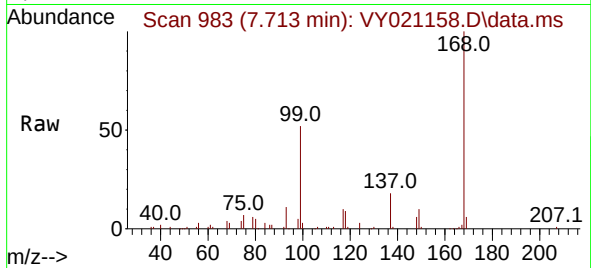




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021158.D
Acq: 10 Feb 2025 16:46

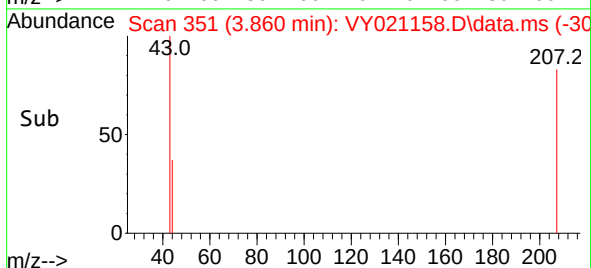
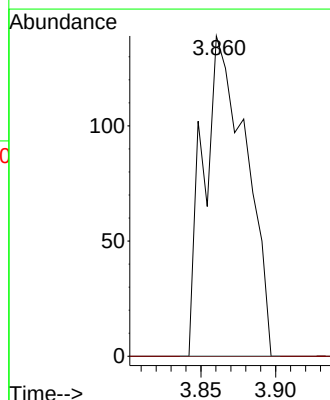
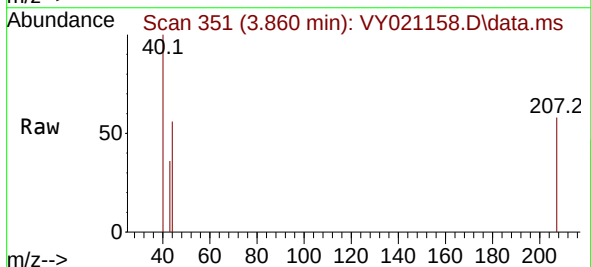
Instrument :
MSVOA_Y
ClientSampleId :

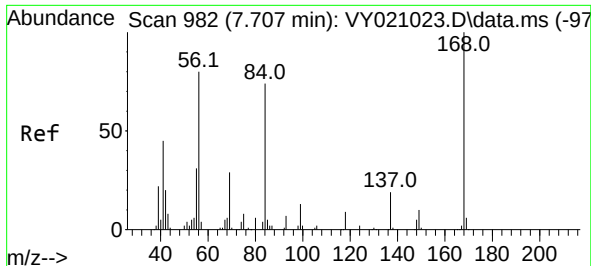
Tgt Ion:168 Resp: 43829
Ion Ratio Lower Upper
168 100
99 52.1 44.2 66.4



#16
Acetone
Concen: 3.927 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY021158.D
Acq: 10 Feb 2025 16:46

Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#

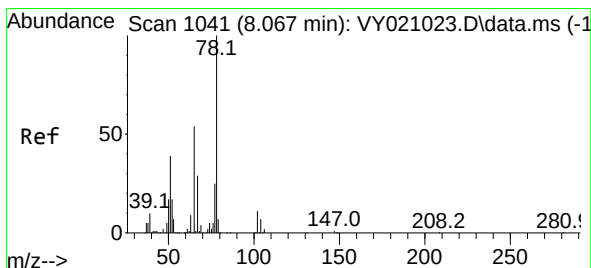
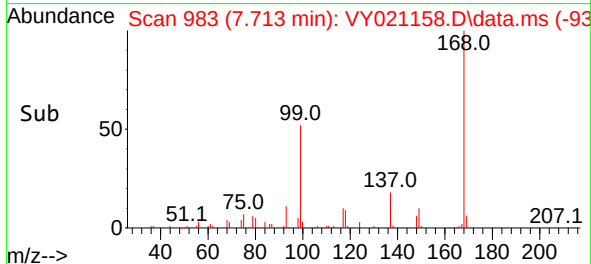
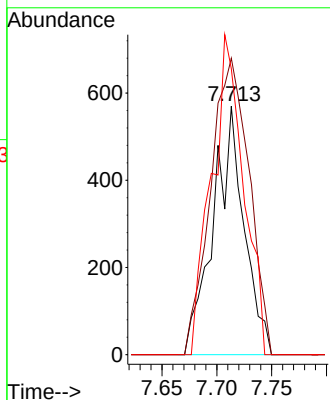
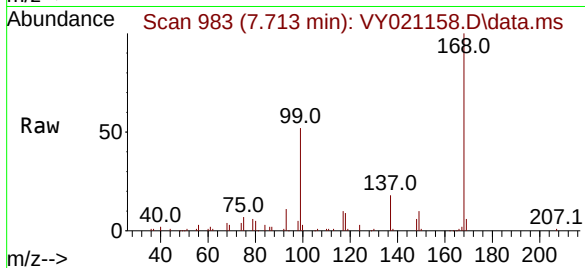




#31
Cyclohexane
Concen: 1.456 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021158.D
Acq: 10 Feb 2025 16:46

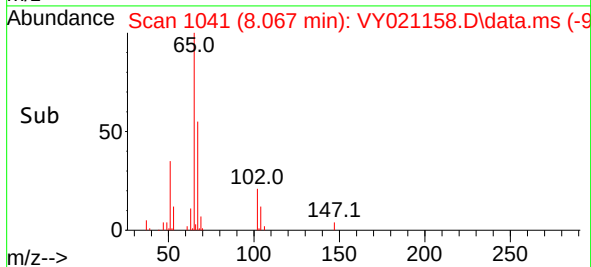
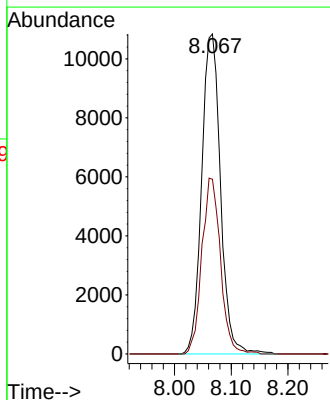
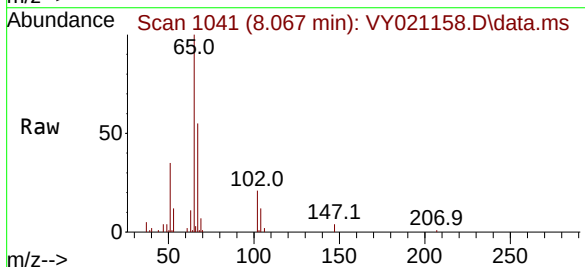
Instrument :
MSVOA_Y
ClientSampleId :

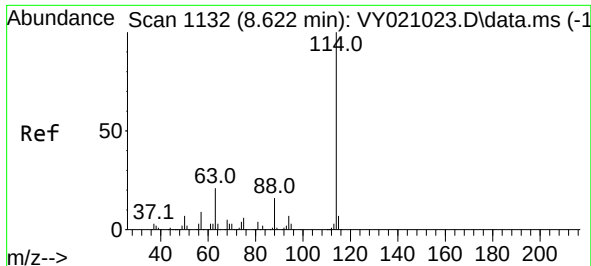
Tgt Ion: 56 Resp: 1115
Ion Ratio Lower Upper
56 100
69 119.3 27.0 40.6#
84 115.1 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 55.734 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021158.D
Acq: 10 Feb 2025 16:46

Tgt Ion: 65 Resp: 25028
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021158.D

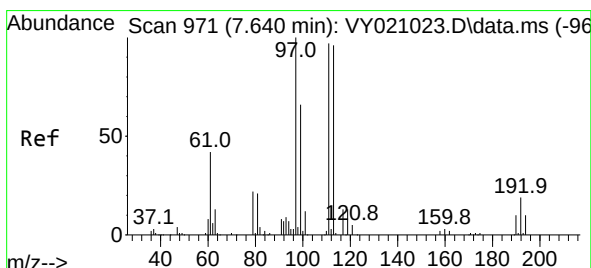
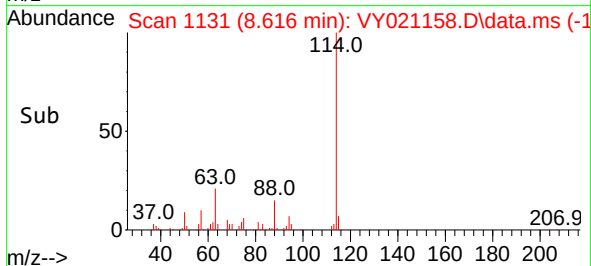
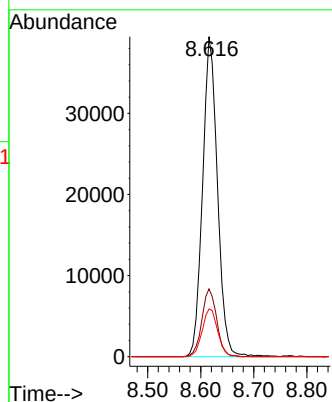
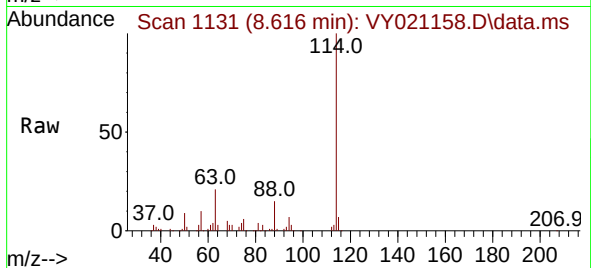
Acq: 10 Feb 2025 16:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	76743
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	37.4
88	14.9	0.0	29.0



#35

Dibromofluoromethane

Concen: 54.526 ug/l

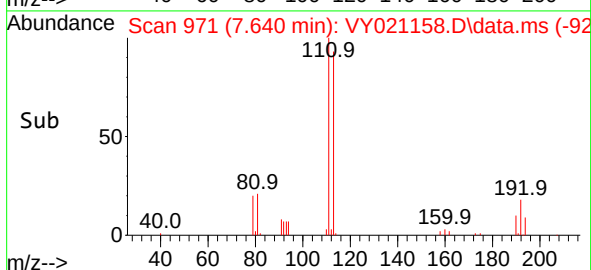
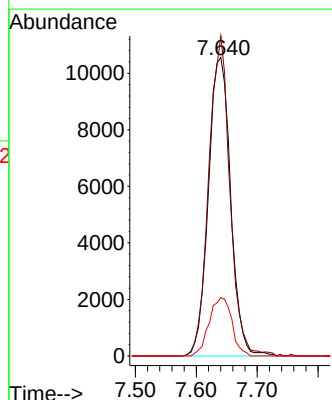
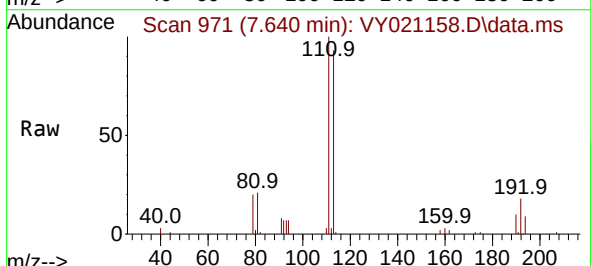
RT: 7.640 min Scan# 971

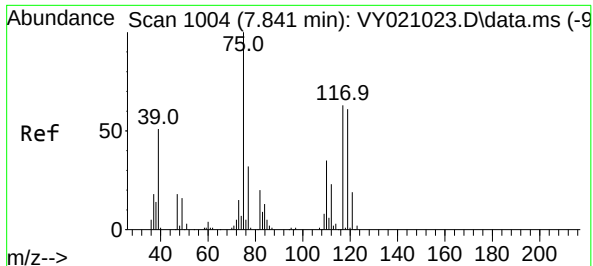
Delta R.T. -0.000 min

Lab File: VY021158.D

Acq: 10 Feb 2025 16:46

Tgt Ion:	113	Resp:	26817
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.8	125.6
192	19.9	14.5	21.7





#36

1,1-Dichloropropene

Concen: 5.016 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.128 min

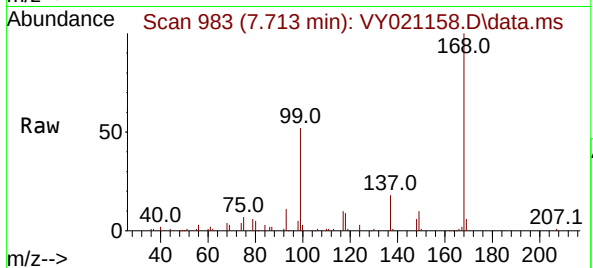
Lab File: VY021158.D

Acq: 10 Feb 2025 16:46

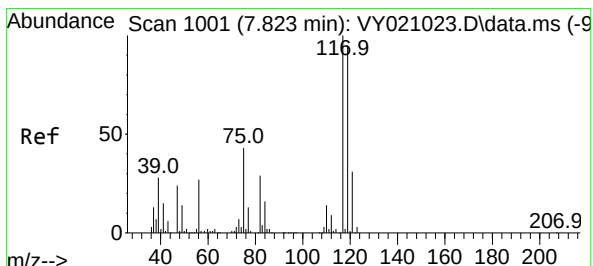
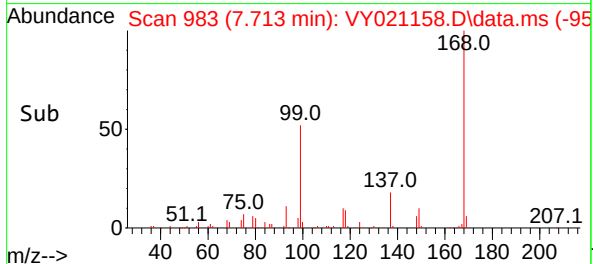
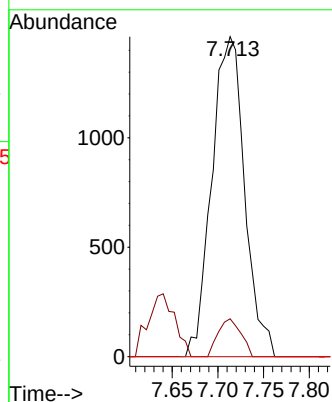
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	3654
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.4	52.3#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 5.560 ug/l

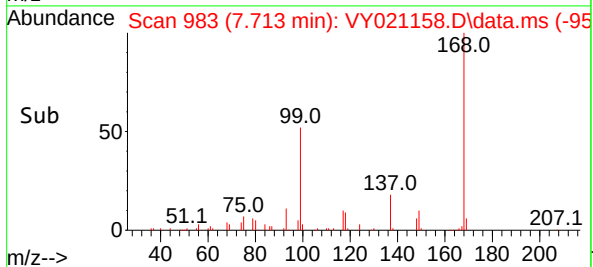
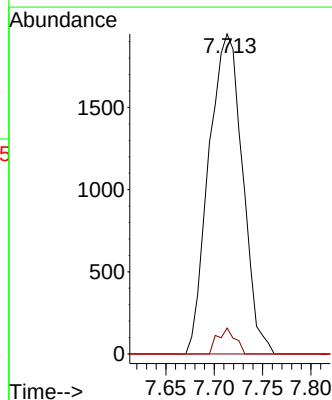
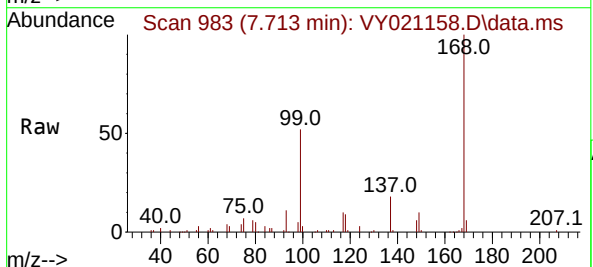
RT: 7.713 min Scan# 983

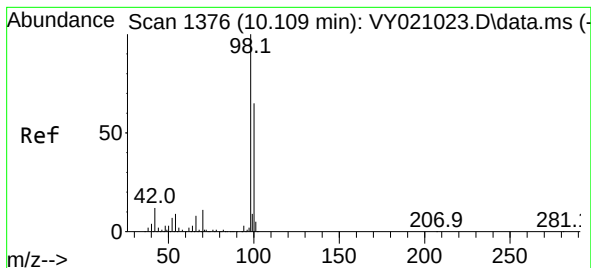
Delta R.T. -0.110 min

Lab File: VY021158.D

Acq: 10 Feb 2025 16:46

Tgt Ion:	117	Resp:	4733
Ion	Ratio	Lower	Upper
117	100		
119	8.1	76.0	114.0#
121	0.0	24.2	36.2#

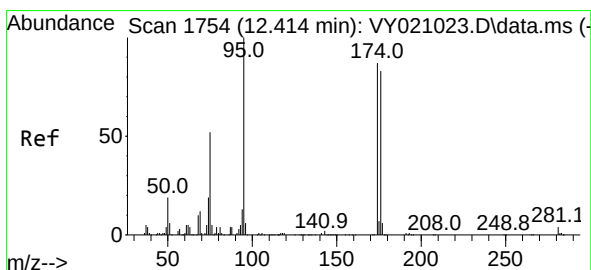
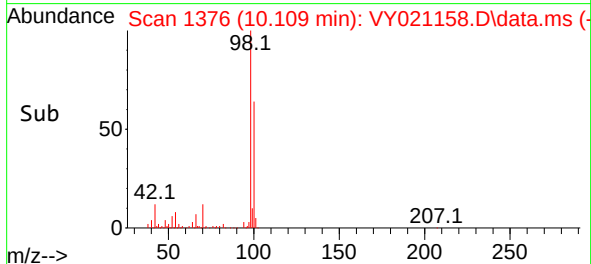
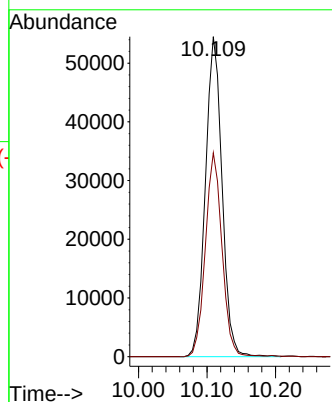
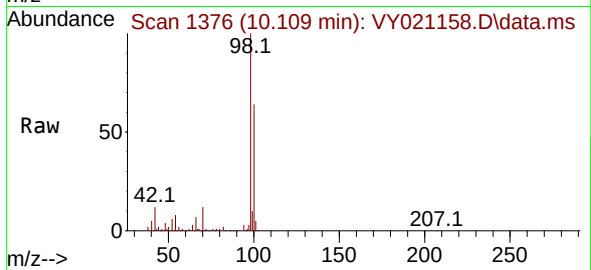




#50
Toluene-d8
Concen: 49.228 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021158.D
Acq: 10 Feb 2025 16:46

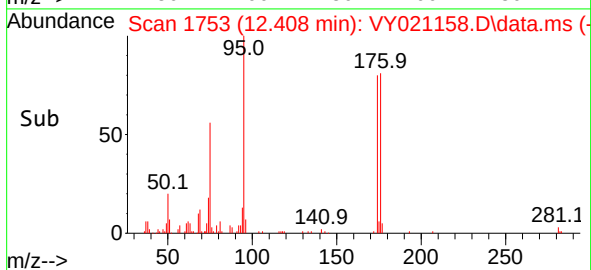
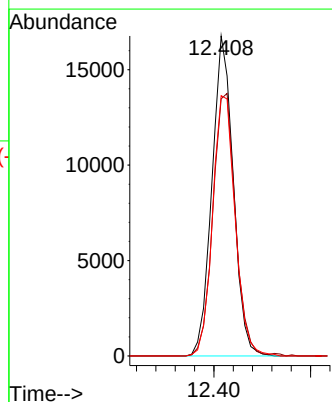
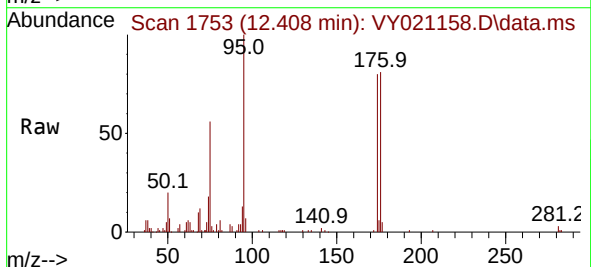
Instrument :
MSVOA_Y
ClientSampleId :

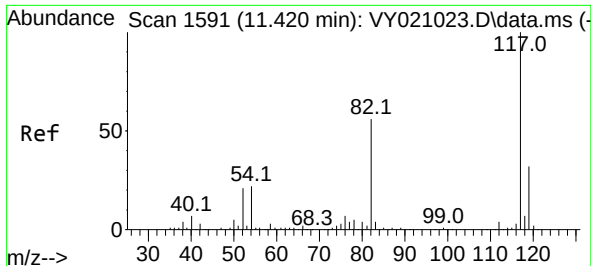
Tgt Ion: 98 Resp: 92174
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 41.931 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021158.D
Acq: 10 Feb 2025 16:46

Tgt Ion: 95 Resp: 25649
Ion Ratio Lower Upper
95 100
174 86.6 0.0 160.0
176 86.0 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: VY021158.D

Acq: 10 Feb 2025 16:46

Instrument :

MSVOA_Y

ClientSampleId :

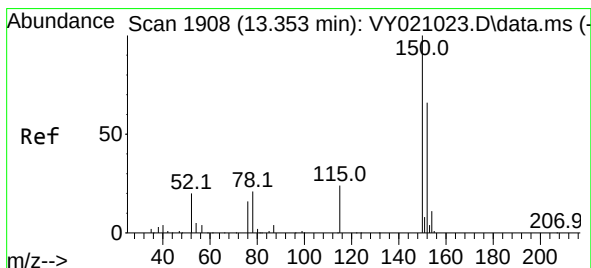
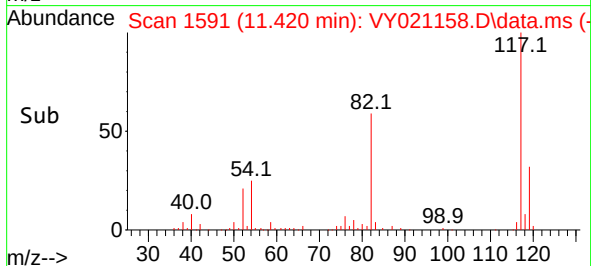
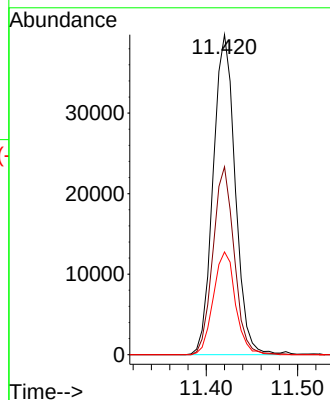
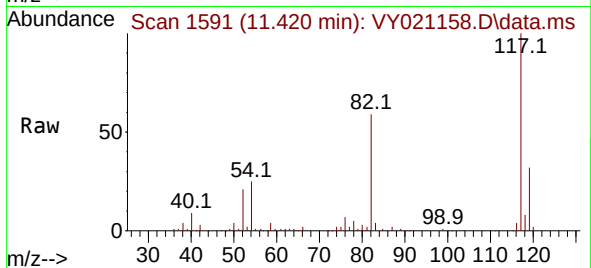
Tgt Ion:117 Resp: 66592

Ion Ratio Lower Upper

117 100

82 58.7 43.8 65.8

119 32.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021158.D

Acq: 10 Feb 2025 16:46

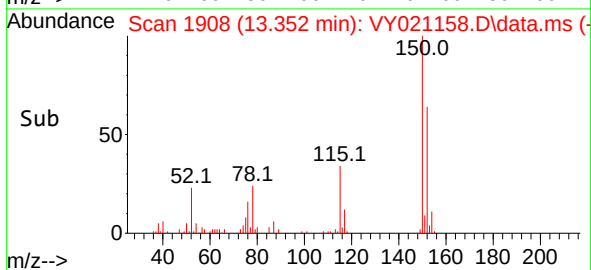
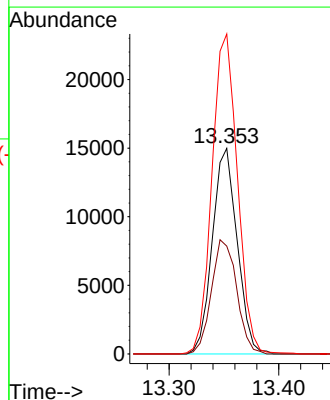
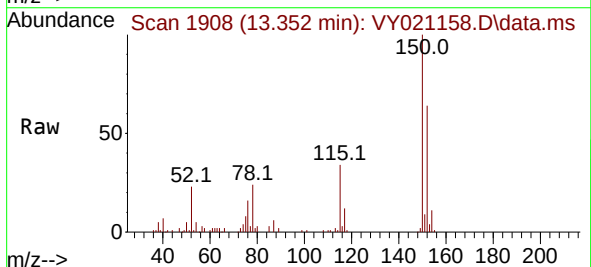
Tgt Ion:152 Resp: 23595

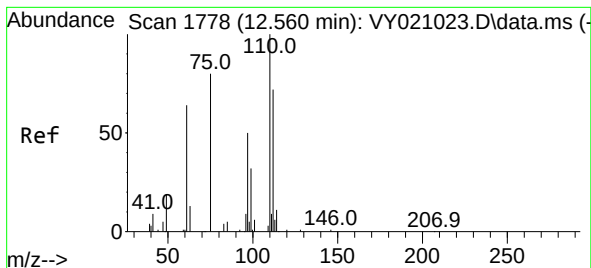
Ion Ratio Lower Upper

152 100

115 56.5 30.0 90.0

150 159.2 0.0 344.6

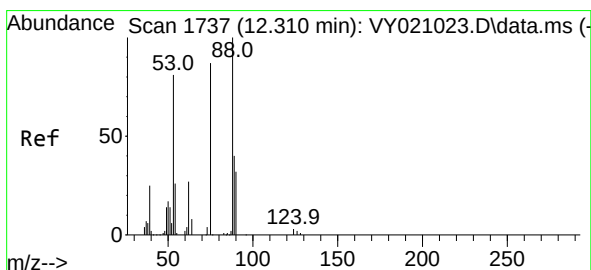
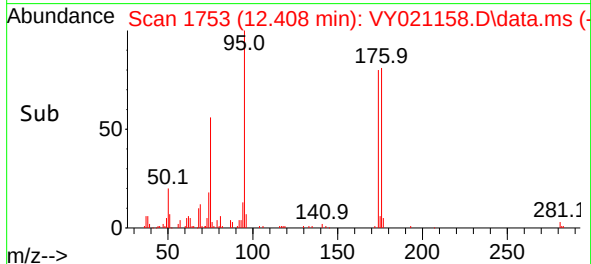
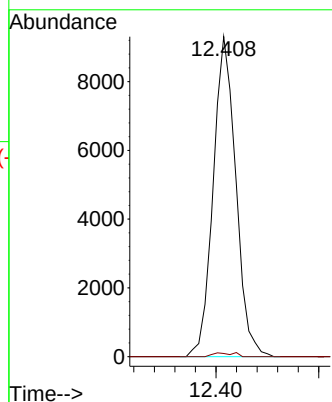
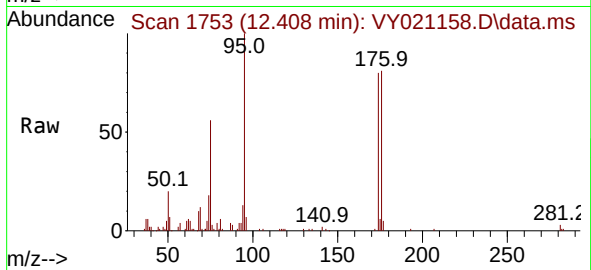




#76
 1,2,3-Trichloropropane
 Concen: 66.596 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.153 min
 Lab File: VY021158.D
 Acq: 10 Feb 2025 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 14254
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.888 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.097 min
 Lab File: VY021158.D
 Acq: 10 Feb 2025 16:46

Tgt Ion: 75 Resp: 14254
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

