

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021062.D
 Acq On : 04 Feb 2025 16:36
 Operator : SY/MD
 Sample : Q1235-05
 Misc : 10.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:48:39 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)

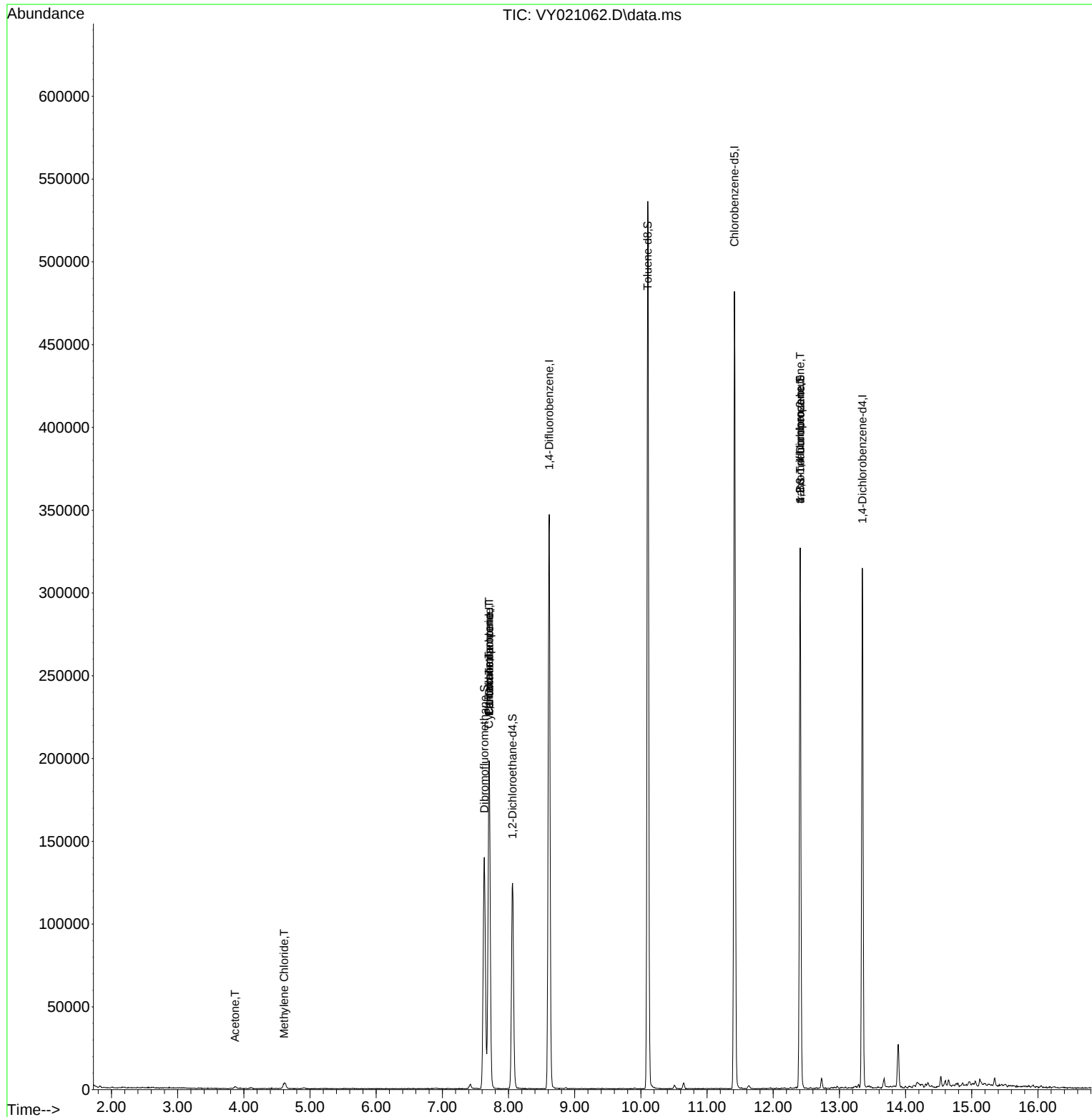
Internal Standards						
1) Pentafluorobenzene	7.707	168	151859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	285967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	249464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	75300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	99200	63.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.520%	
35) Dibromofluoromethane	7.634	113	95984	52.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.740%	
50) Toluene-d8	10.103	98	343119	49.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.408	95	94169	41.313	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.620%	
Target Compounds						Qvalue
16) Acetone	3.866	43	2352	9.693	ug/l #	87
20) Methylene Chloride	4.610	84	2611	1.731	ug/l #	91
31) Cyclohexane	7.701	56	3338	1.258	ug/l #	6
36) 1,1-Dichloropropene	7.707	75	12173	4.484	ug/l #	51
38) Carbon Tetrachloride	7.707	117	15581	4.912	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	52317	76.592	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	52317	156.284	ug/l #	12

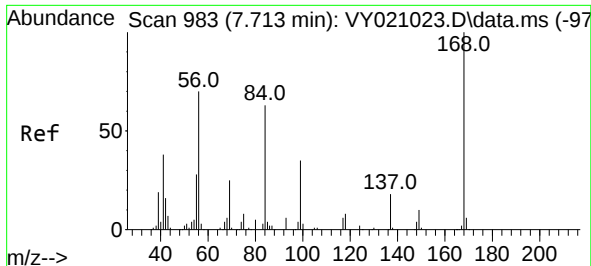
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

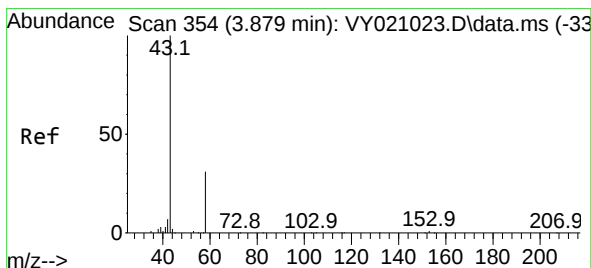
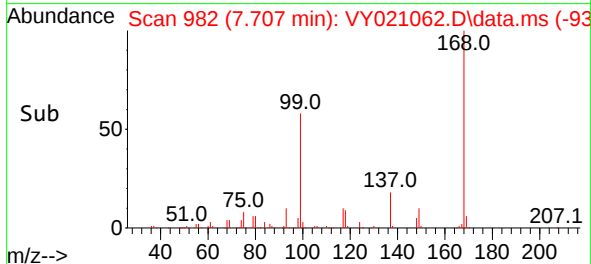
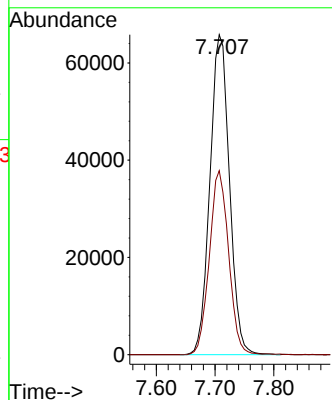
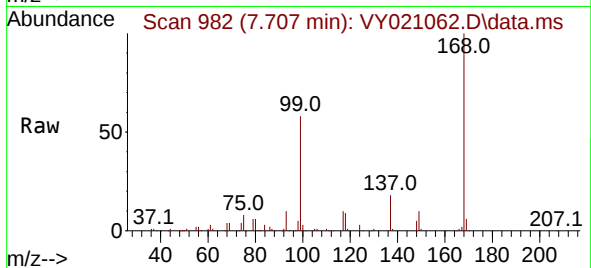




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

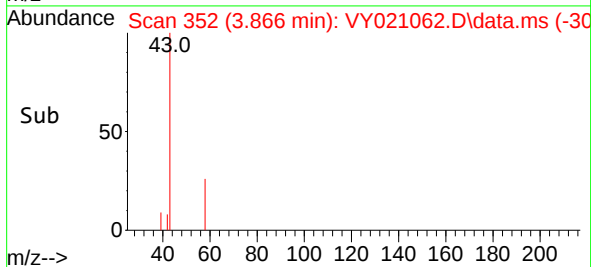
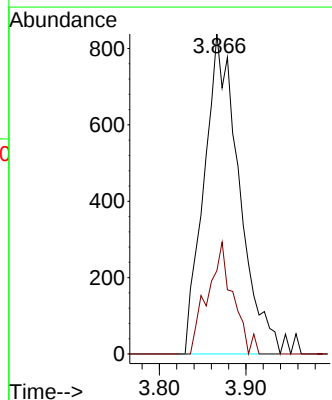
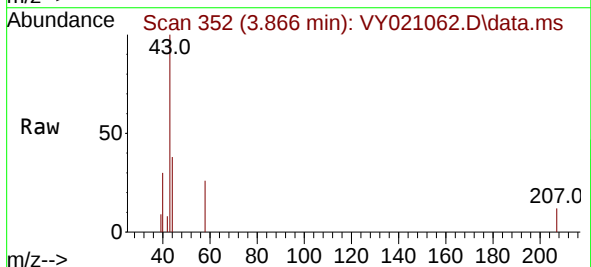
Instrument :
MSVOA_Y
ClientSampleId :

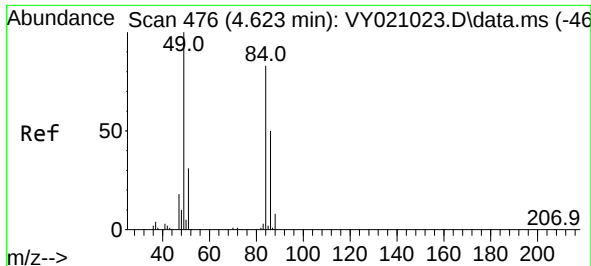
Tgt Ion:168 Resp: 151859
Ion Ratio Lower Upper
168 100
99 57.5 44.2 66.4



#16
Acetone
Concen: 9.693 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

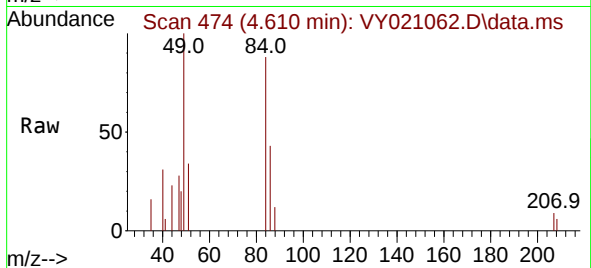
Tgt Ion: 43 Resp: 2352
Ion Ratio Lower Upper
43 100
58 26.0 26.6 39.8#



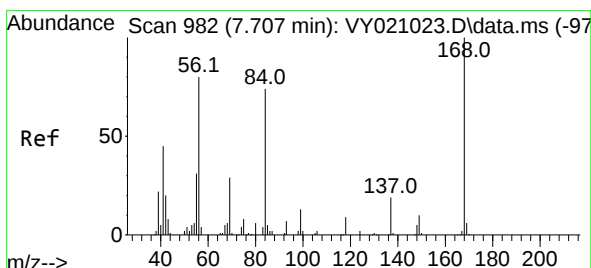
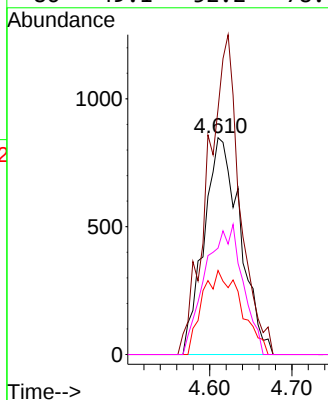
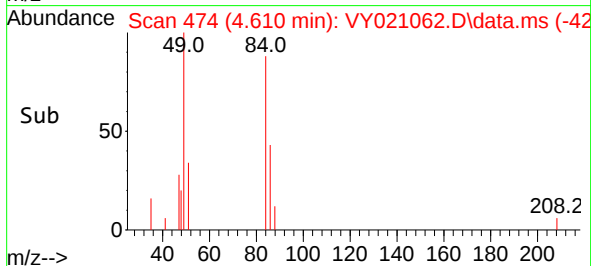


#20
Methylene Chloride
Concen: 1.731 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

Instrument :
MSVOA_Y
ClientSampleId :

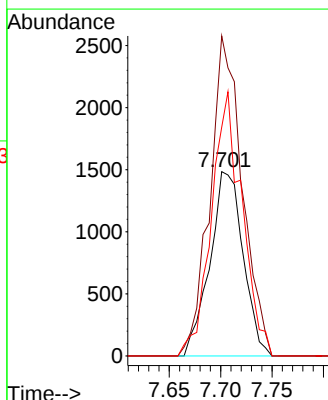
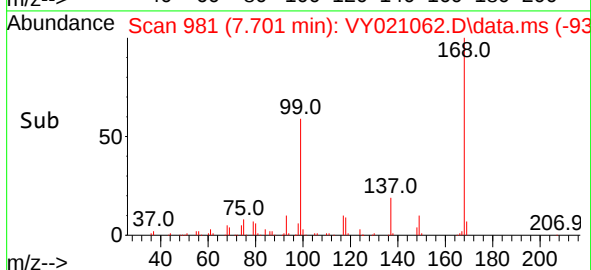
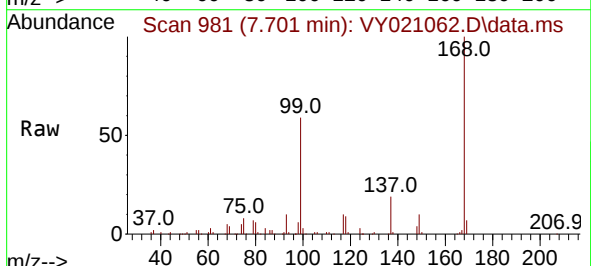


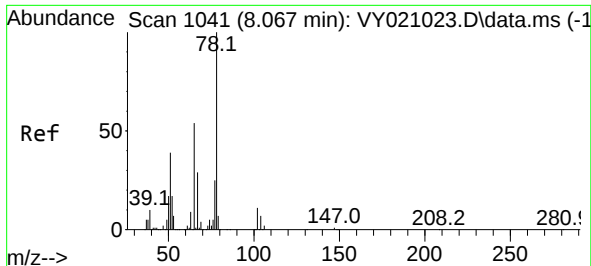
Tgt Ion: 84 Resp: 2611
Ion Ratio Lower Upper
84 100
49 113.2 95.2 142.8
51 38.8 29.9 44.9
86 49.1 52.2 78.4#



#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

Tgt Ion: 56 Resp: 3338
Ion Ratio Lower Upper
56 100
69 173.5 27.0 40.6#
84 124.1 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 63.757 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021062.D

Acq: 04 Feb 2025 16:36

Instrument :

MSVOA_Y

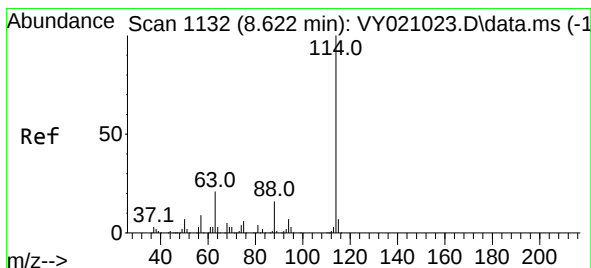
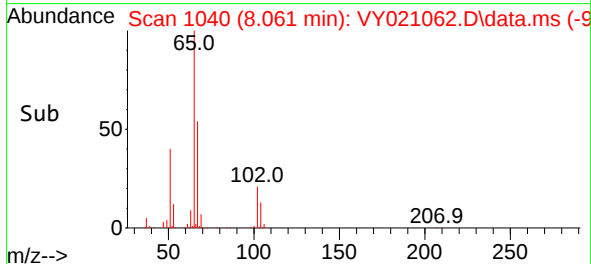
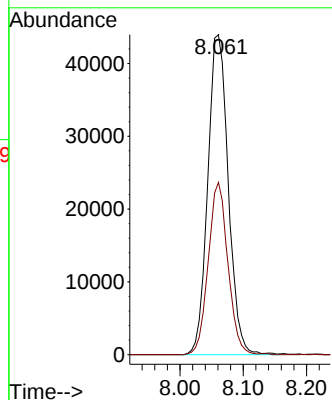
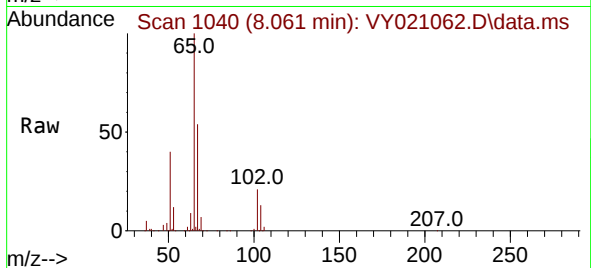
ClientSampleId :

Tgt Ion: 65 Resp: 99200

Ion Ratio Lower Upper

65 100

67 51.6 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: VY021062.D

Acq: 04 Feb 2025 16:36

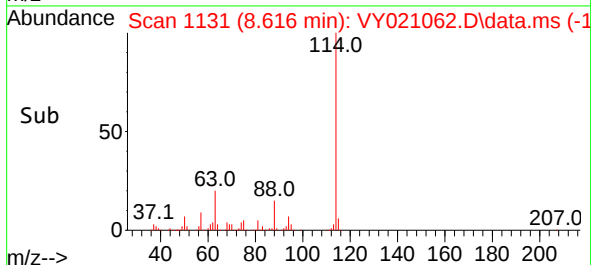
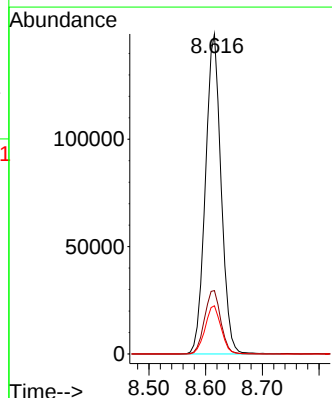
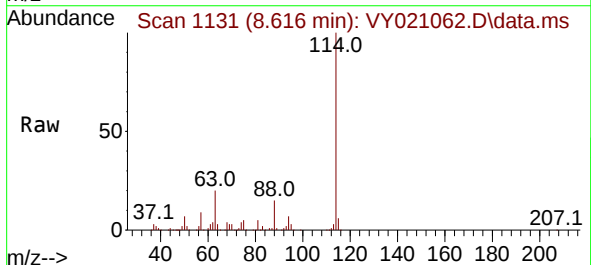
Tgt Ion: 114 Resp: 285967

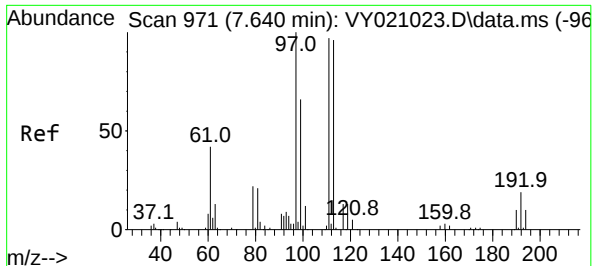
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

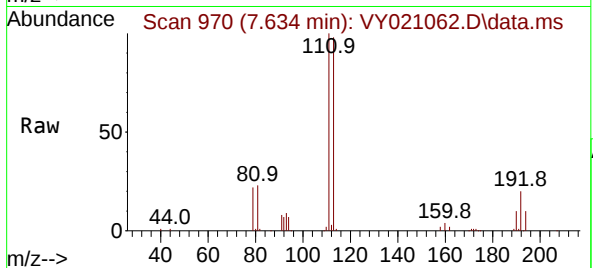
88 15.0 0.0 29.0



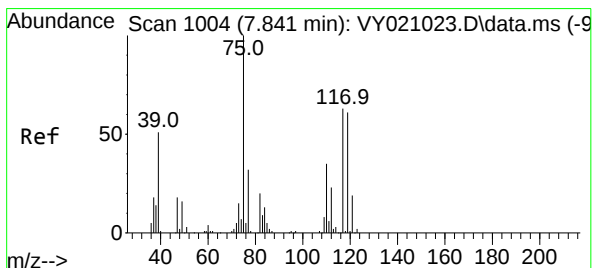
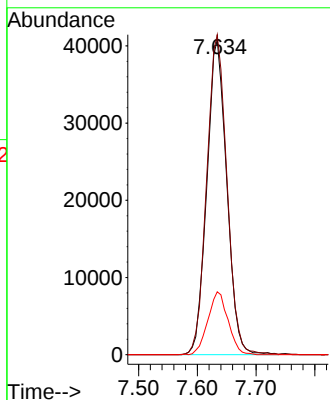
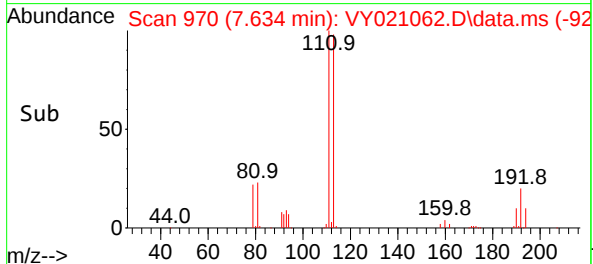


#35
Dibromofluoromethane
Concen: 52.374 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

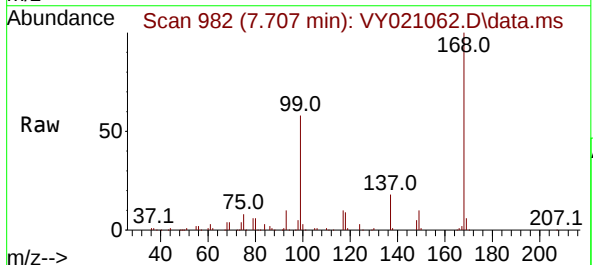
Instrument :
MSVOA_Y
ClientSampleId :



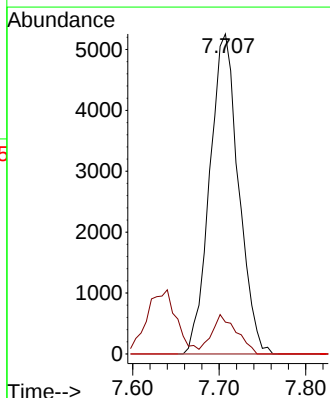
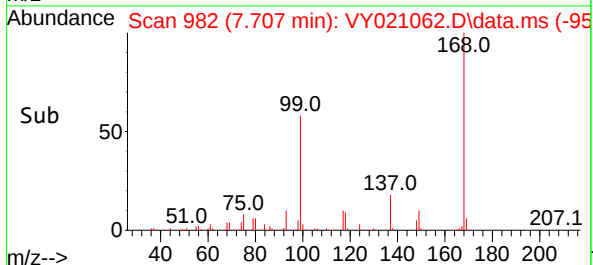
Tgt Ion:113 Resp: 95984
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 20.3 14.5 21.7

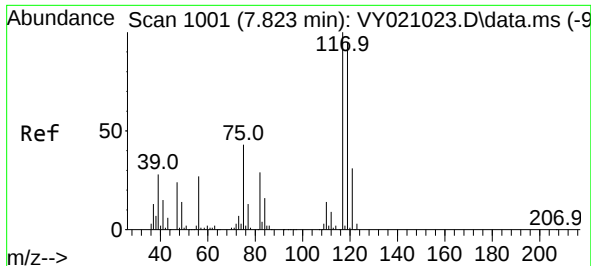


#36
1,1-Dichloropropene
Concen: 4.484 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36



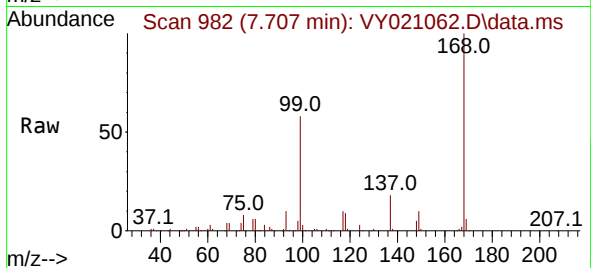
Tgt Ion: 75 Resp: 12173
Ion Ratio Lower Upper
75 100
110 10.6 17.4 52.3#
77 0.0 24.7 37.1#



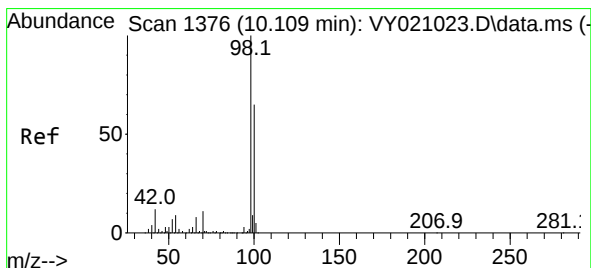
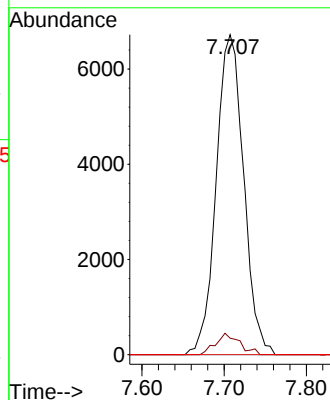
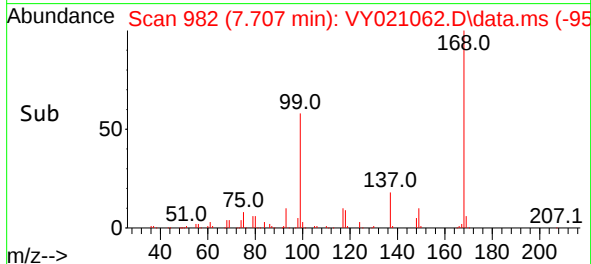


#38
Carbon Tetrachloride
Concen: 4.912 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

Instrument :
MSVOA_Y
ClientSampleId :

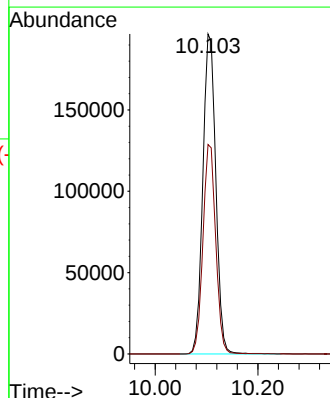
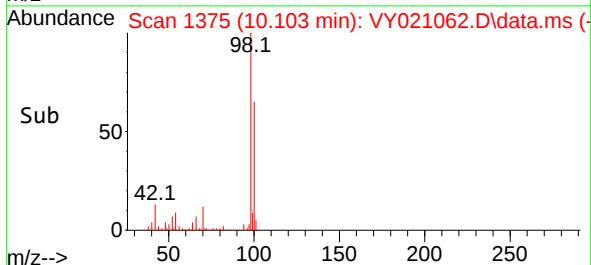
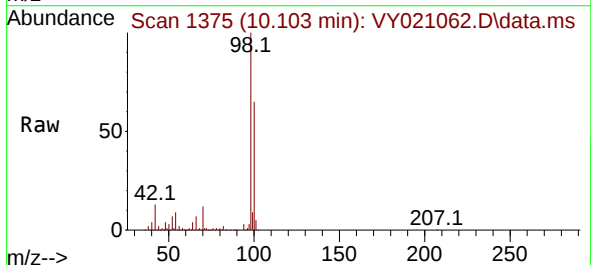


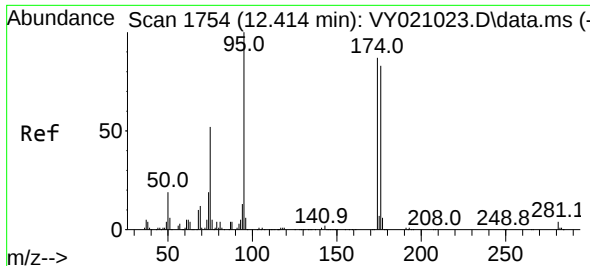
Tgt Ion:117 Resp: 15581
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.178 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

Tgt Ion: 98 Resp: 343119
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

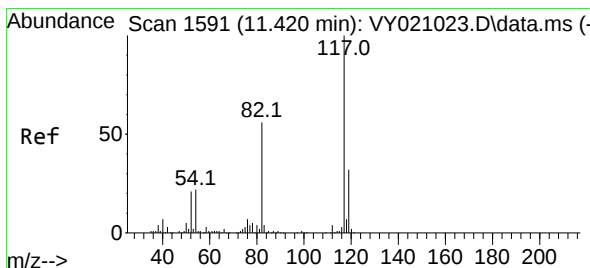
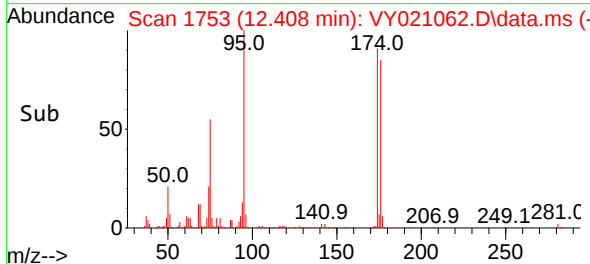
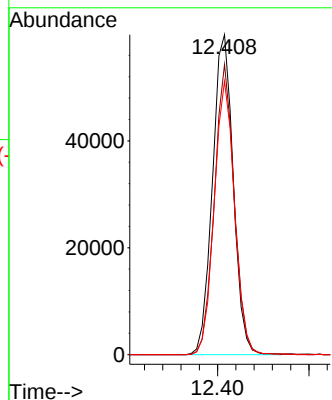
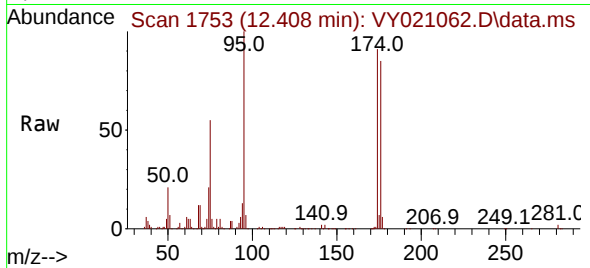




#62
4-Bromofluorobenzene
Concen: 41.313 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

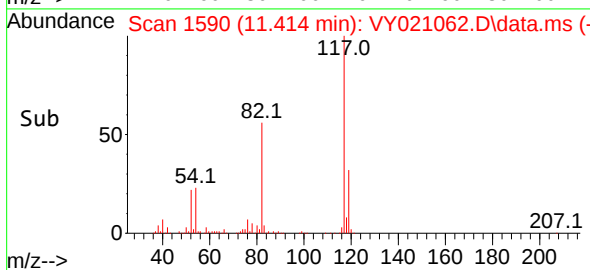
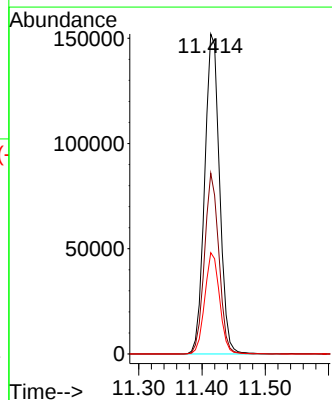
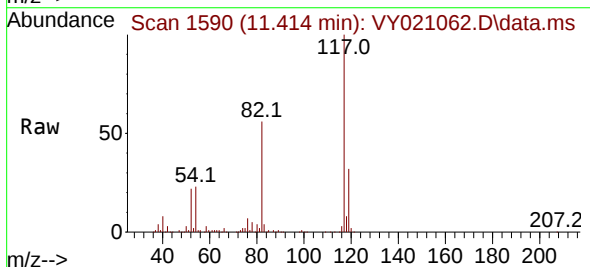
Instrument :
MSVOA_Y
ClientSampleId :

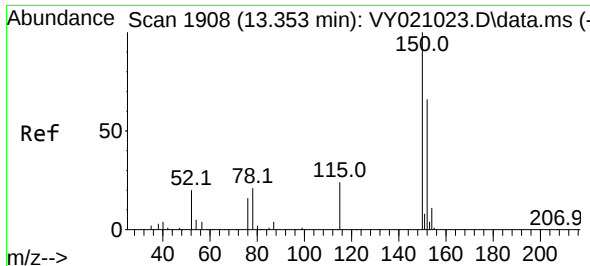
Tgt Ion: 95 Resp: 94169
Ion Ratio Lower Upper
95 100
174 87.2 0.0 160.0
176 84.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021062.D
Acq: 04 Feb 2025 16:36

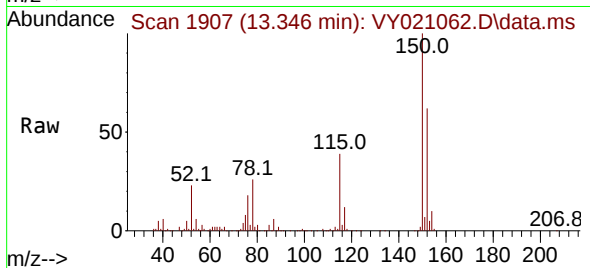
Tgt Ion: 117 Resp: 249464
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.8
119 31.6 26.5 39.7



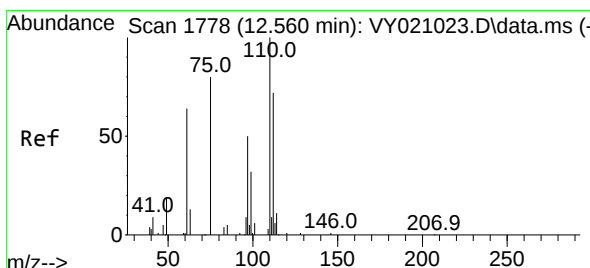
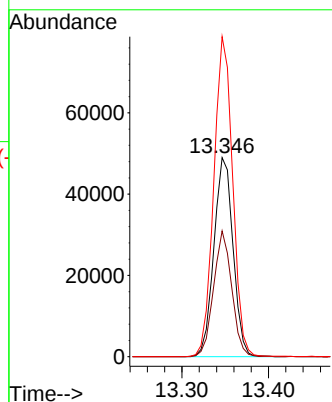
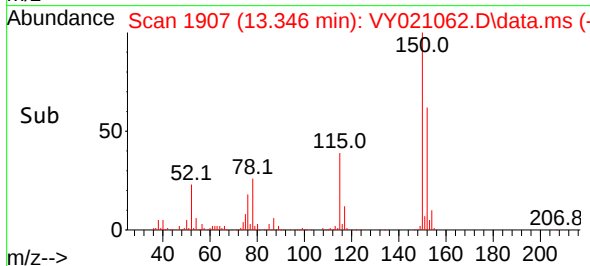


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1753
 Delta R.T. -0.006 min
 Lab File: VY021062.D
 Acq: 04 Feb 2025 16:36

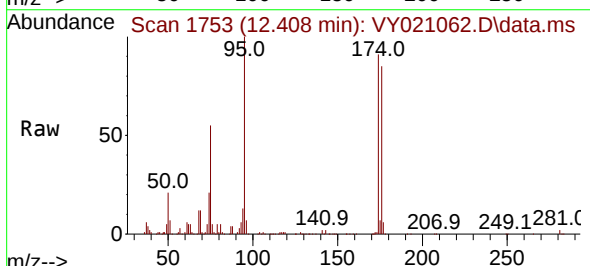
Instrument :
 MSVOA_Y
 ClientSampleId :



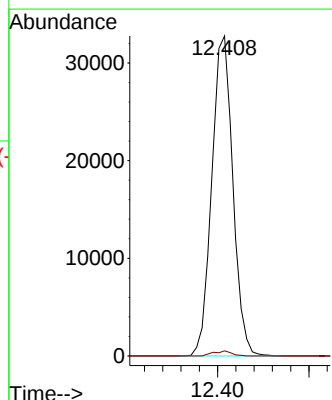
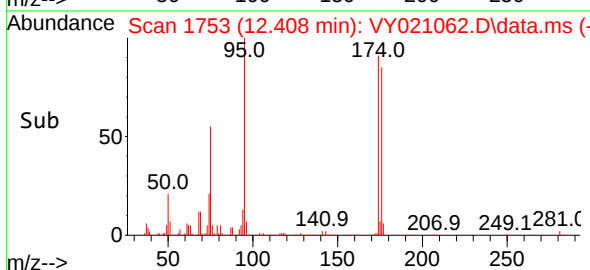
Tgt Ion:152 Resp: 75300
 Ion Ratio Lower Upper
 152 100
 115 59.9 30.0 90.0
 150 158.2 0.0 344.6

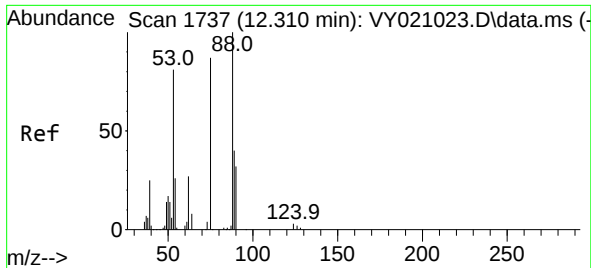


#76
 1,2,3-Trichloropropane
 Concen: 76.592 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.153 min
 Lab File: VY021062.D
 Acq: 04 Feb 2025 16:36



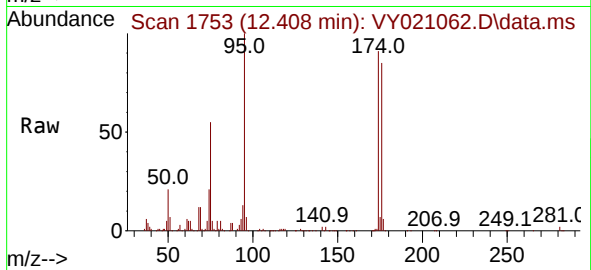
Tgt Ion: 75 Resp: 52317
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.284 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY021062.D
 Acq: 04 Feb 2025 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 52317
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

