

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021220.D
 Acq On : 17 Feb 2025 14:28
 Operator : SY/MD
 Sample : Q1365-08
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 18 00:47:55 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)

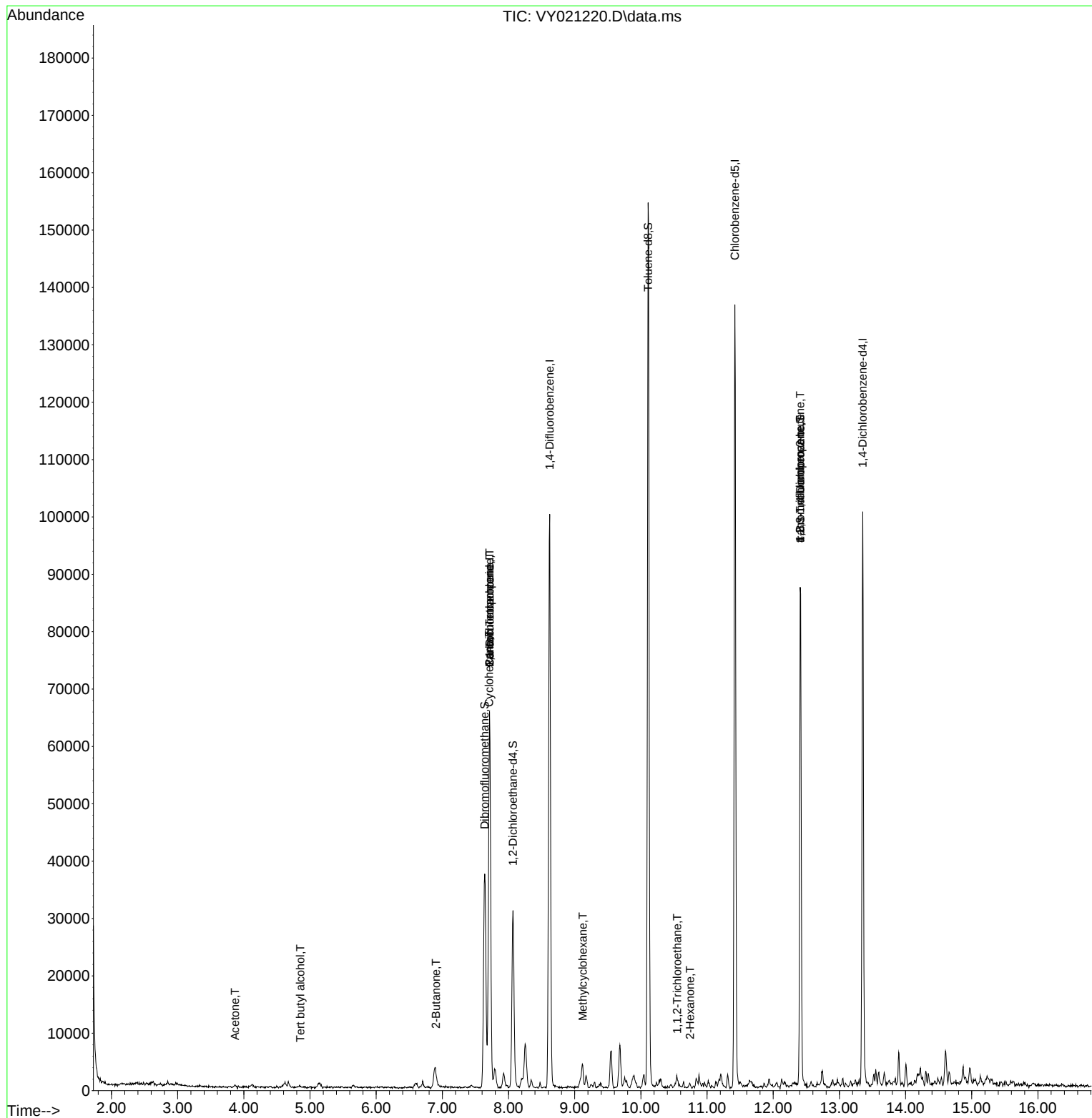
Internal Standards						
1) Pentafluorobenzene	7.713	168	48864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	82112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	70108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	24168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	25712	51.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.720%	
35) Dibromofluoromethane	7.640	113	27495	52.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.500%	
50) Toluene-d8	10.109	98	99417	49.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	12.408	95	26583	40.616	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	338	9.963	ug/l #	75
16) Acetone	3.866	43	510	6.532	ug/l	100
25) 2-Butanone	6.902	43	229	1.785	ug/l #	48
31) Cyclohexane	7.707	56	1583	1.854	ug/l #	65
36) 1,1-Dichloropropene	7.713	75	4101	5.261	ug/l #	44
38) Carbon Tetrachloride	7.713	117	4955	5.441	ug/l #	17
39) Methylcyclohexane	9.122	83	1229	1.289	ug/l #	85
55) 1,1,2-Trichloroethane	10.548	97	479	1.231	ug/l #	15
59) 2-Hexanone	10.743	43	312	1.418	ug/l #	23
76) 1,2,3-Trichloropropane	12.408	75	14728	67.179	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	14728	137.078	ug/l #	12

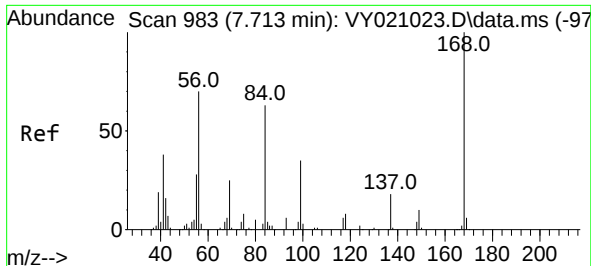
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
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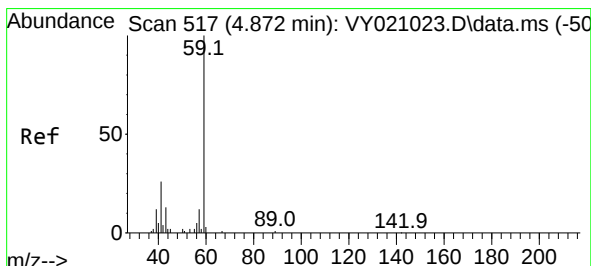
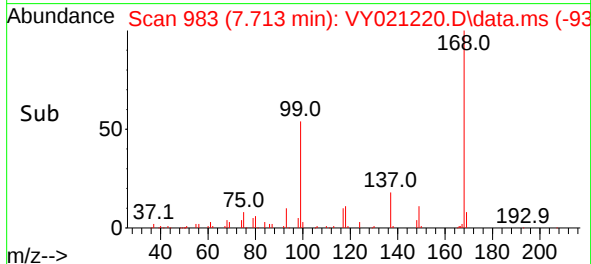
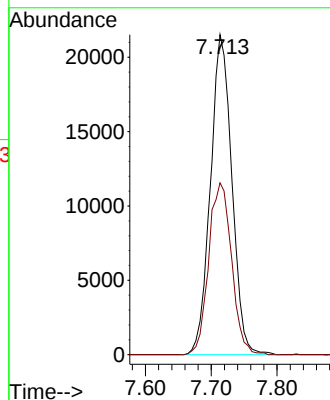
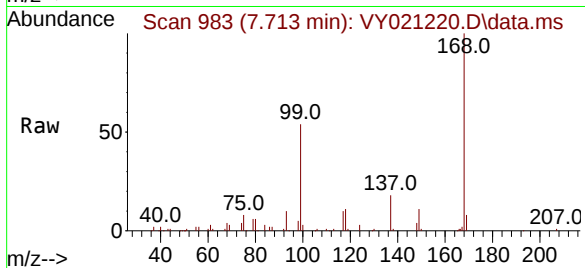




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

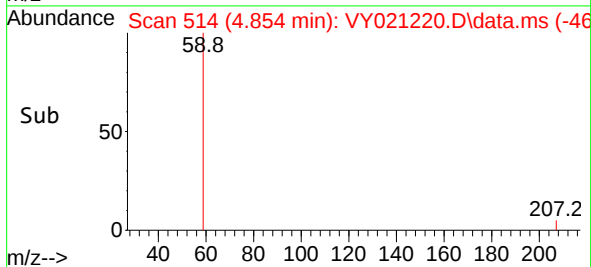
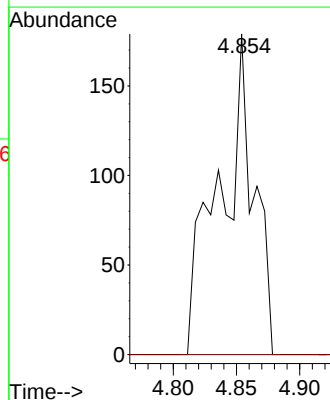
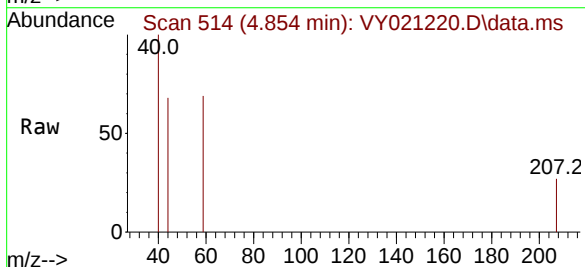
Instrument :
MSVOA_Y
ClientSampleId :

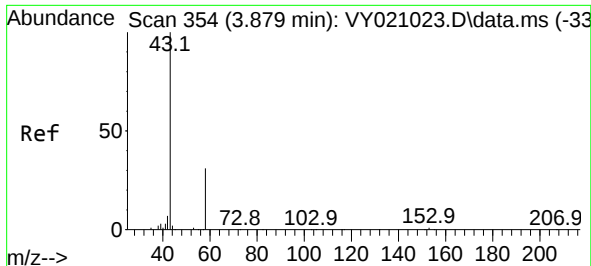
Tgt Ion:168 Resp: 48864
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 9.963 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

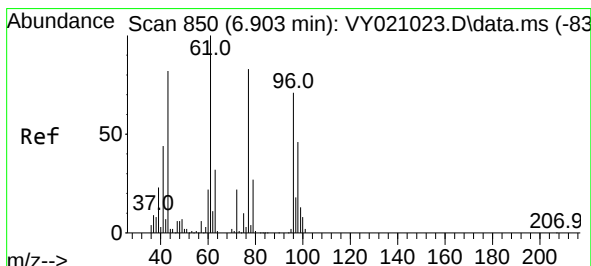
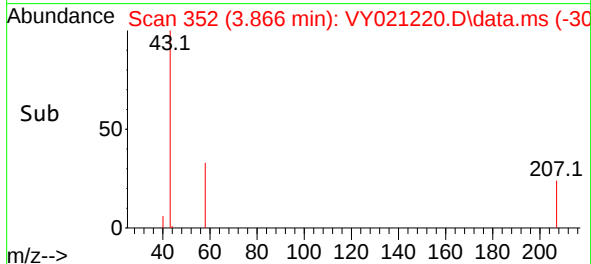
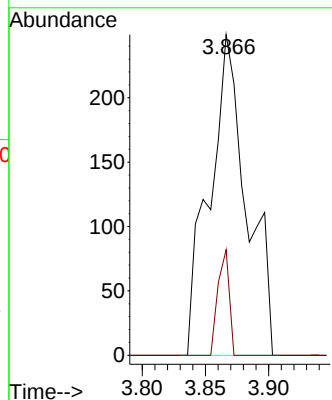
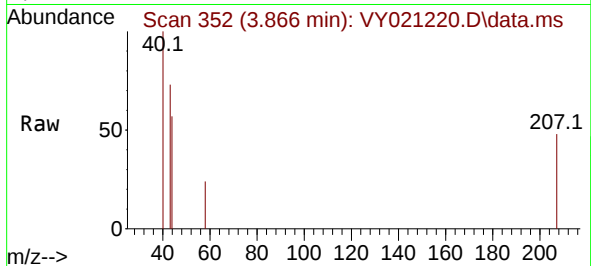




#16
Acetone
Concen: 6.532 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

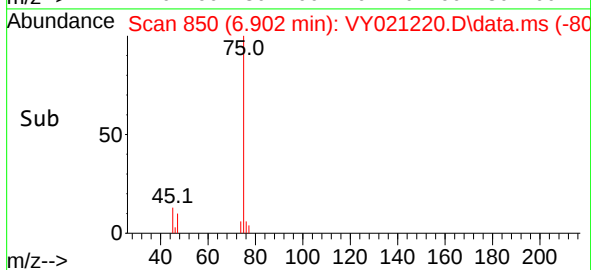
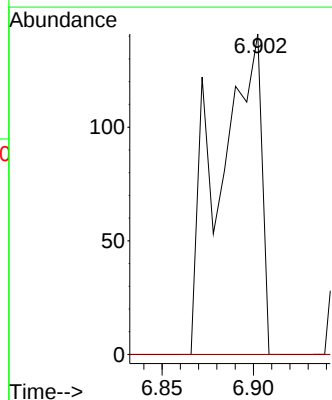
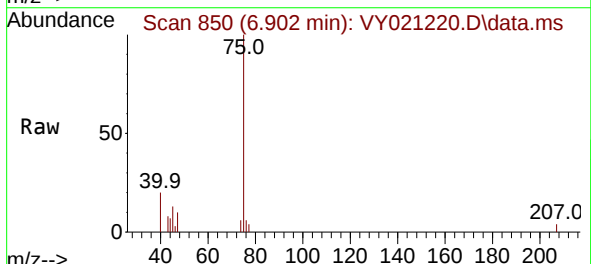
Instrument :
MSVOA_Y
ClientSampleId :

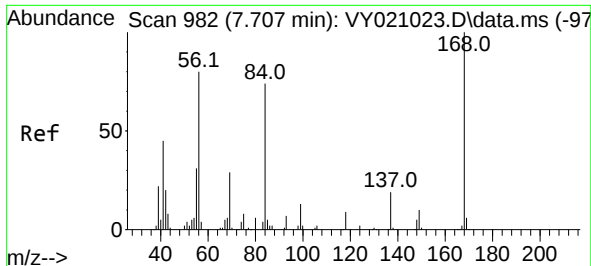
Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 32.9 26.6 39.8



#25
2-Butanone
Concen: 1.785 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

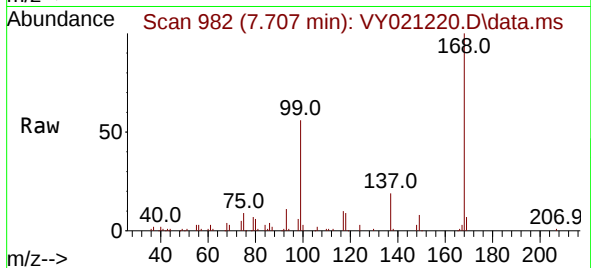
Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



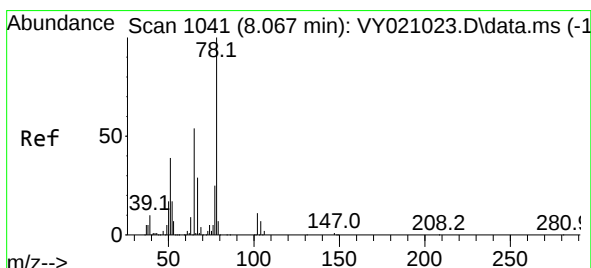
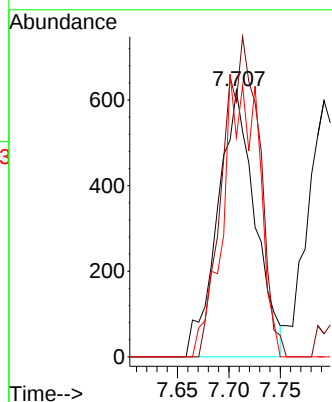
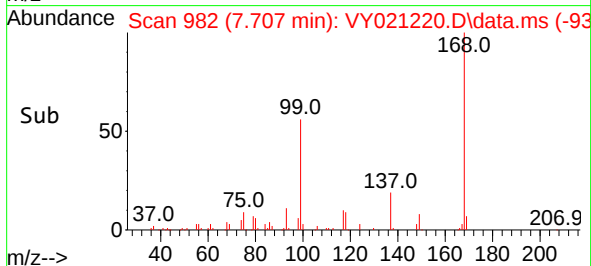


#31
Cyclohexane
Concen: 1.854 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

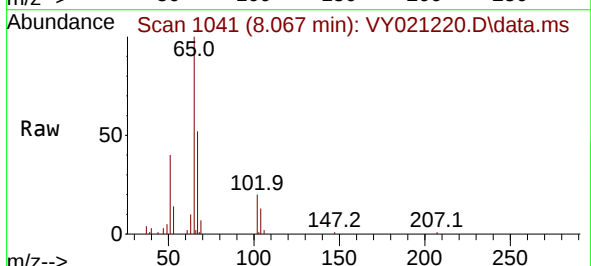
Instrument :
MSVOA_Y
ClientSampleId :



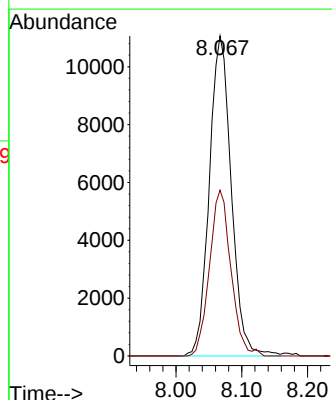
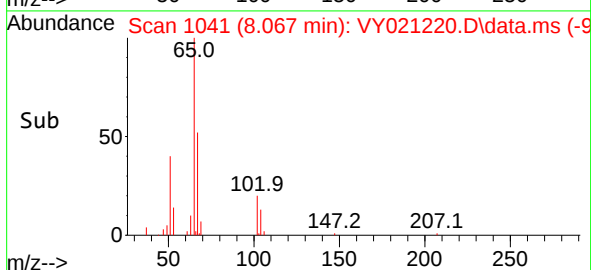
Tgt Ion: 56 Resp: 1583
Ion Ratio Lower Upper
56 100
69 95.8 27.0 40.6#
84 82.5 71.8 107.6

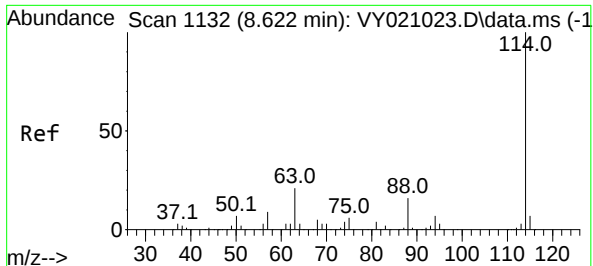


#33
1,2-Dichloroethane-d4
Concen: 51.357 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28



Tgt Ion: 65 Resp: 25712
Ion Ratio Lower Upper
65 100
67 50.5 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: VY021220.D

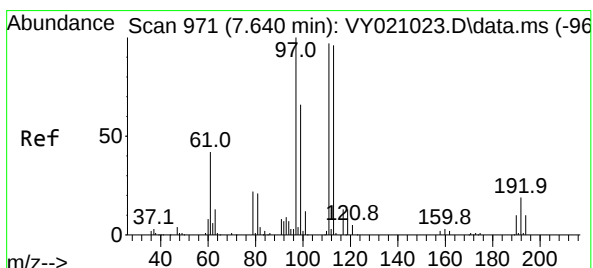
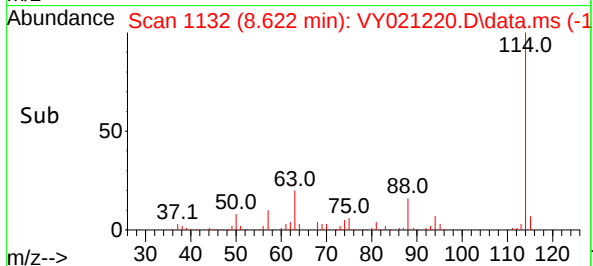
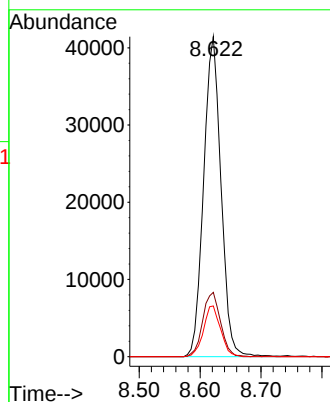
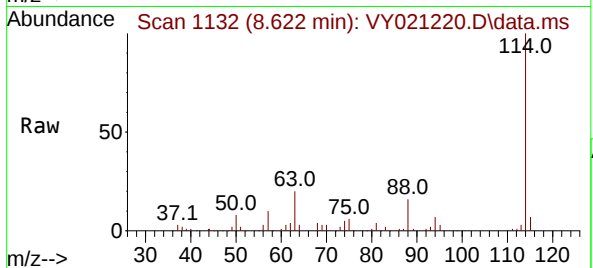
Acq: 17 Feb 2025 14:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	82112
Ion Ratio	Lower	Upper
114	100	
63	20.1	0.0 37.4
88	15.8	0.0 29.0



#35

Dibromofluoromethane

Concen: 52.249 ug/l

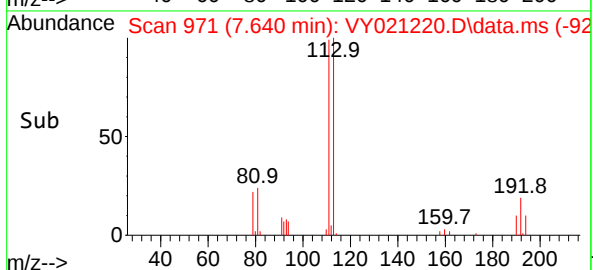
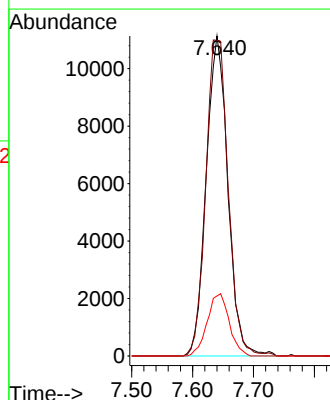
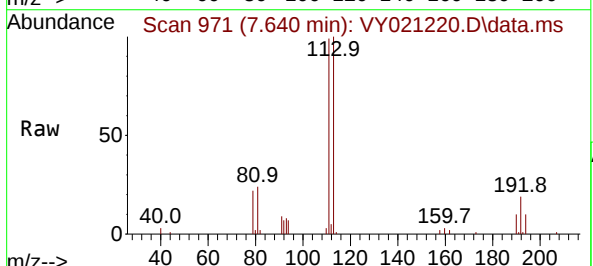
RT: 7.640 min Scan# 971

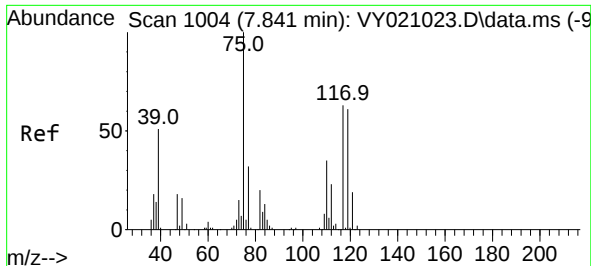
Delta R.T. -0.000 min

Lab File: VY021220.D

Acq: 17 Feb 2025 14:28

Tgt Ion:113	Resp:	27495
Ion Ratio	Lower	Upper
113	100	
111	102.7	83.8 125.6
192	19.8	14.5 21.7

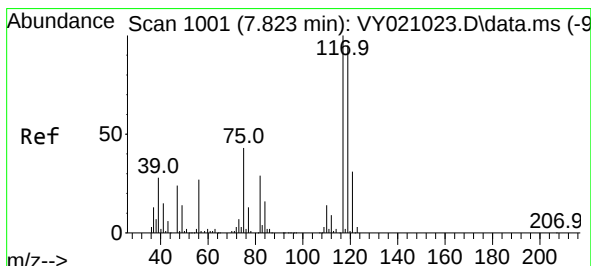
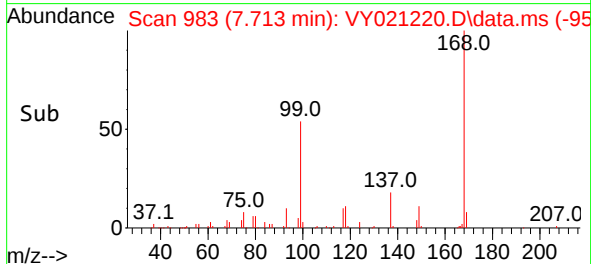
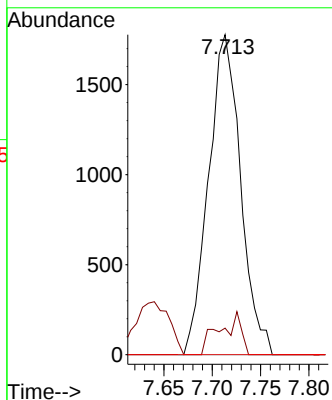
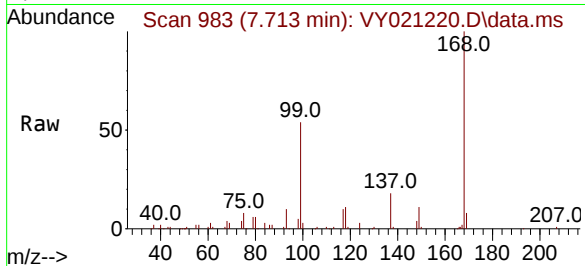




#36
1,1-Dichloropropene
Concen: 5.261 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

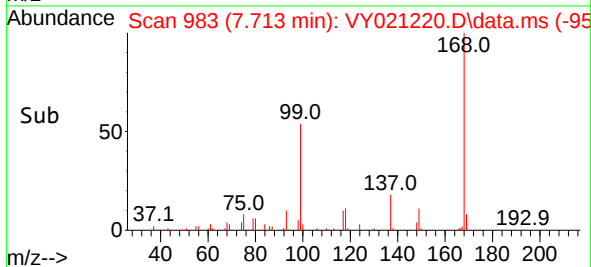
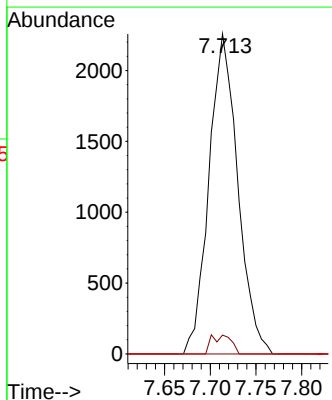
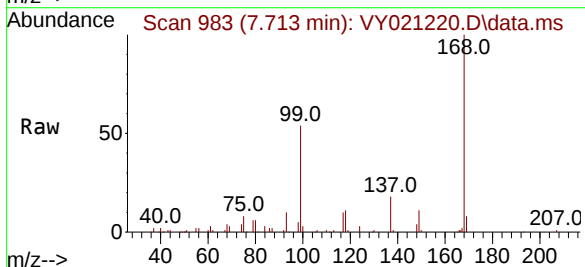
Instrument :
MSVOA_Y
ClientSampleId :

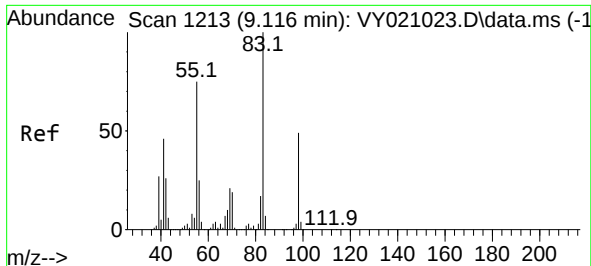
Tgt Ion: 75 Resp: 4101
Ion Ratio Lower Upper
75 100
110 3.1 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.441 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

Tgt Ion: 117 Resp: 4955
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 1.289 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021220.D

Acq: 17 Feb 2025 14:28

Instrument :

MSVOA_Y

ClientSampleId :

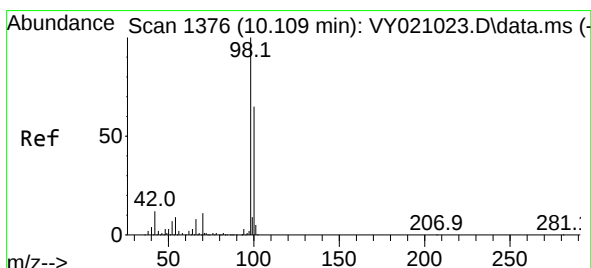
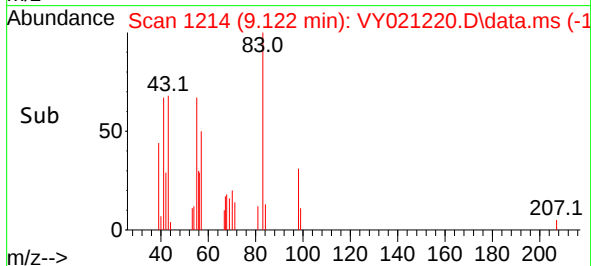
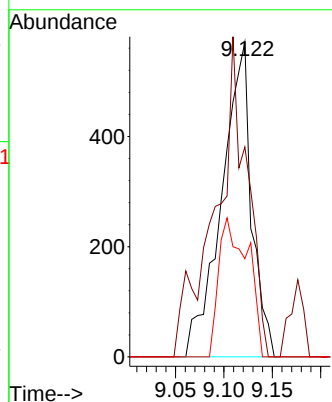
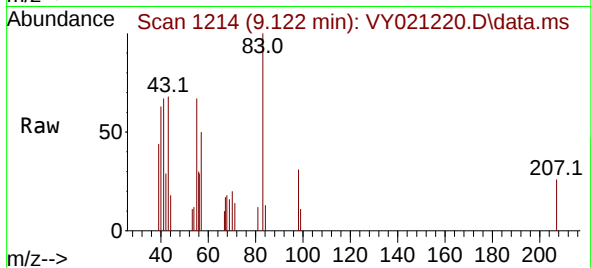
Tgt Ion: 83 Resp: 1229

Ion Ratio Lower Upper

83 100

55 66.7 59.7 89.5

98 31.2 38.0 57.0#



#50

Toluene-d8

Concen: 49.624 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021220.D

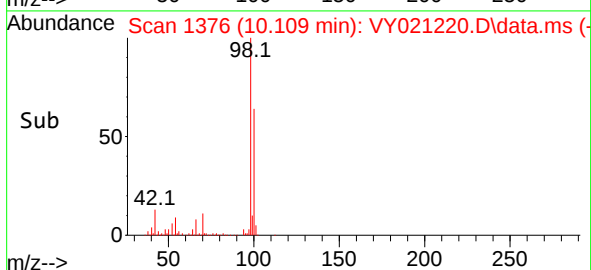
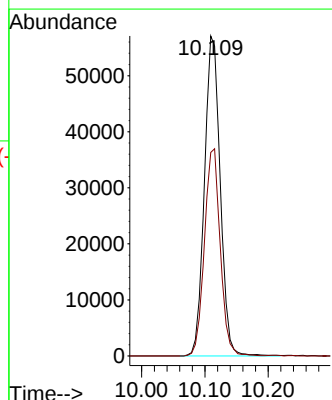
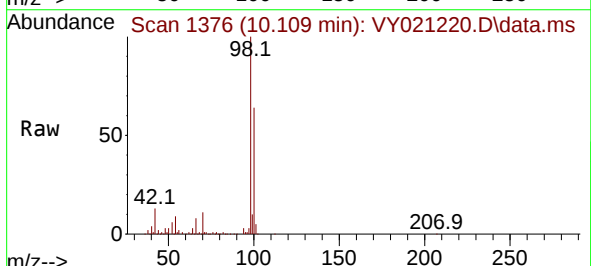
Acq: 17 Feb 2025 14:28

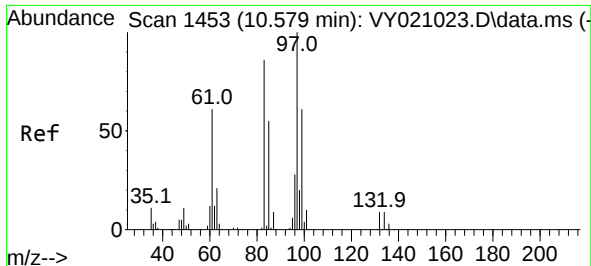
Tgt Ion: 98 Resp: 99417

Ion Ratio Lower Upper

98 100

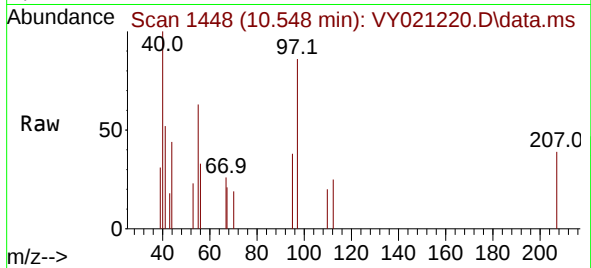
100 64.8 52.3 78.5



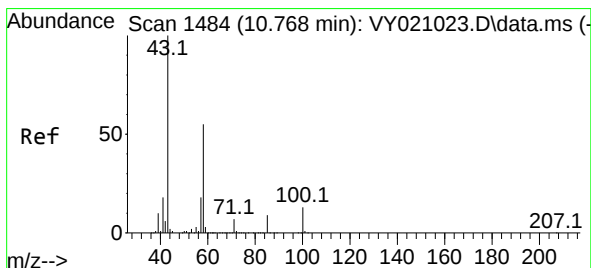
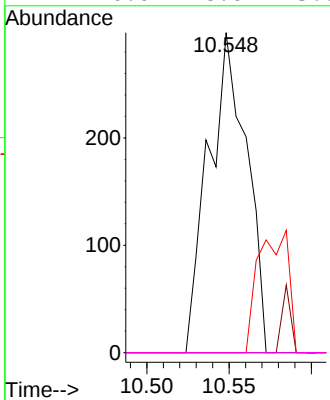
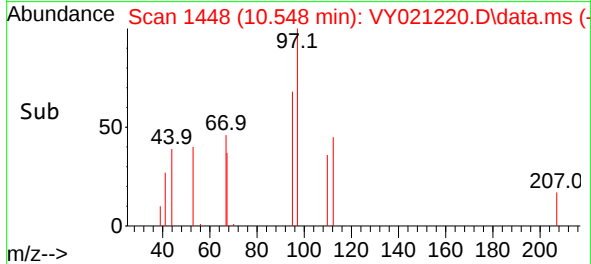


#55
 1,1,2-Trichloroethane
 Concen: 1.231 ug/l
 RT: 10.548 min Scan# 1448
 Delta R.T. -0.031 min
 Lab File: VY021220.D
 Acq: 17 Feb 2025 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :

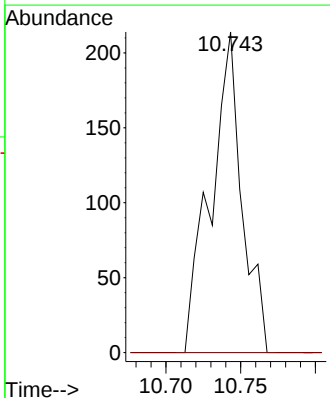
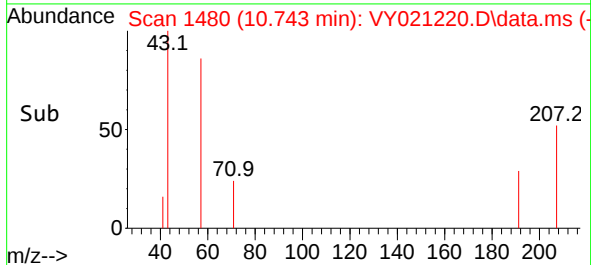
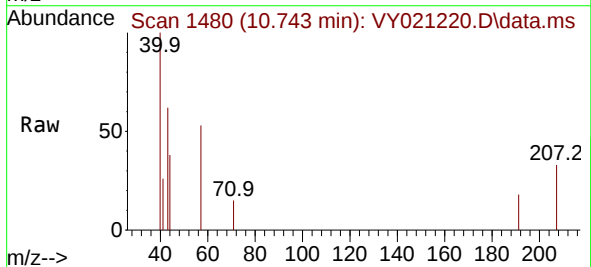


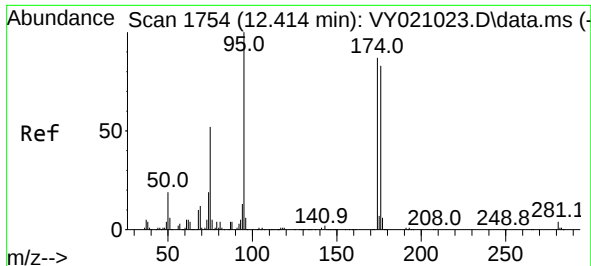
Tgt Ion: 97	Resp: 479
Ion Ratio	Lower Upper
97 100	
83 0.0	69.4 104.2#
85 0.0	43.9 65.9#
99 0.0	48.6 73.0#



#59
 2-Hexanone
 Concen: 1.418 ug/l
 RT: 10.743 min Scan# 1480
 Delta R.T. -0.025 min
 Lab File: VY021220.D
 Acq: 17 Feb 2025 14:28

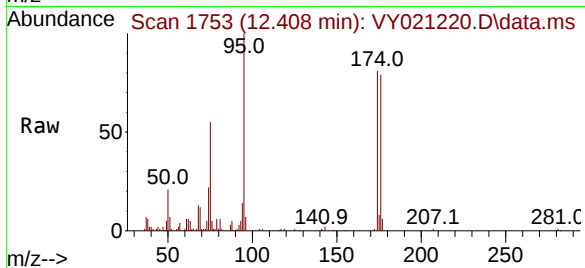
Tgt Ion: 43	Resp: 312
Ion Ratio	Lower Upper
43 100	
58 0.0	28.1 84.3#



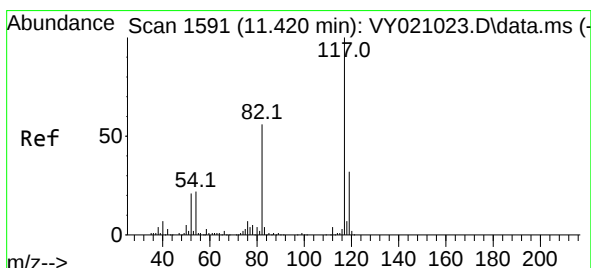
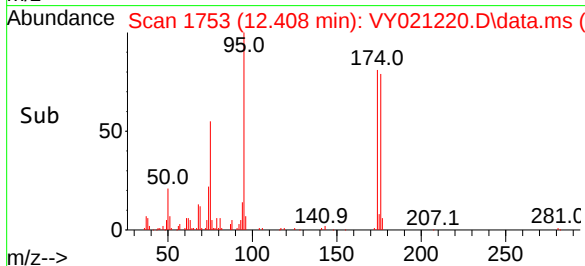
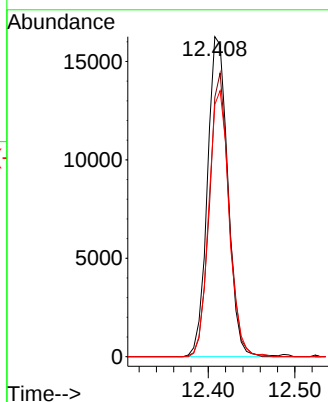


#62
4-Bromofluorobenzene
Concen: 40.616 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

Instrument :
MSVOA_Y
ClientSampleId :

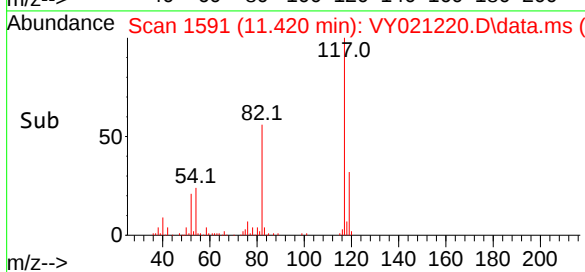
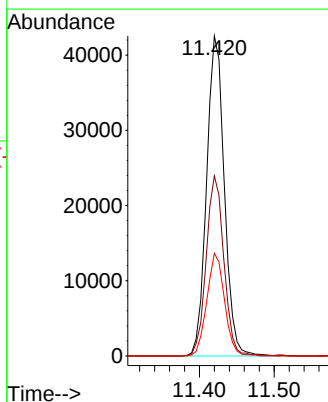
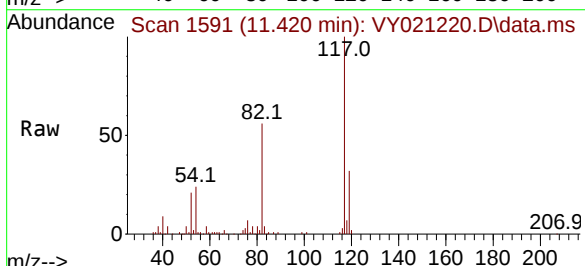


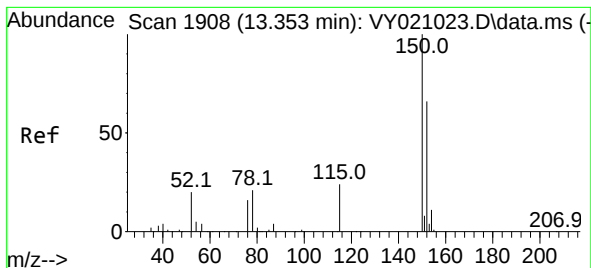
Tgt Ion: 95 Resp: 26583
Ion Ratio Lower Upper
95 100
174 84.6 0.0 160.0
176 83.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

Tgt Ion: 117 Resp: 70108
Ion Ratio Lower Upper
117 100
82 56.3 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

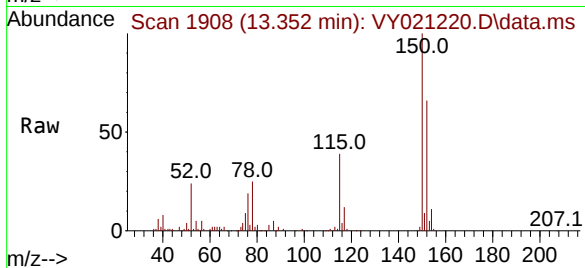
Lab File: VY021220.D

Acq: 17 Feb 2025 14:28

Instrument :

MSVOA_Y

ClientSampleId :



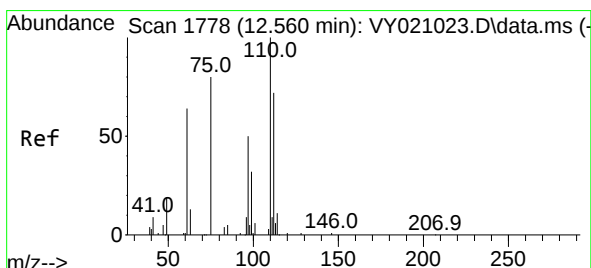
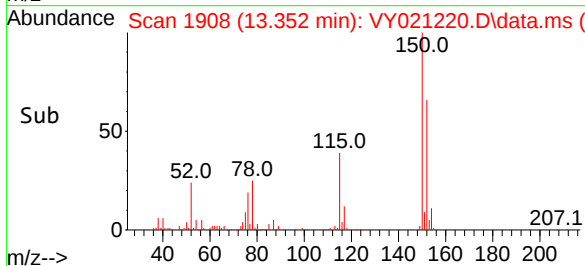
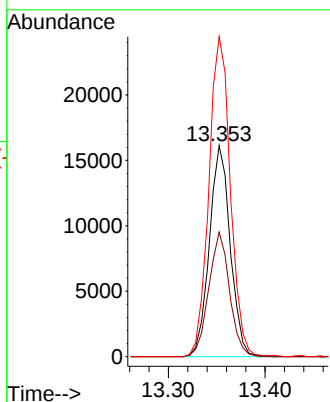
Tgt Ion:152 Resp: 24168

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 156.0 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 67.179 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY021220.D

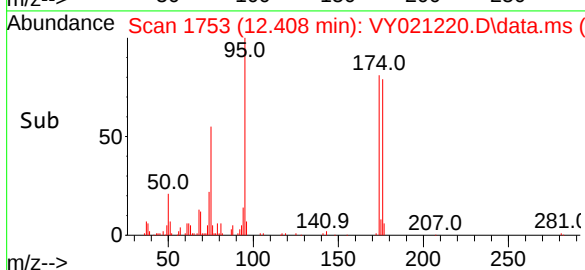
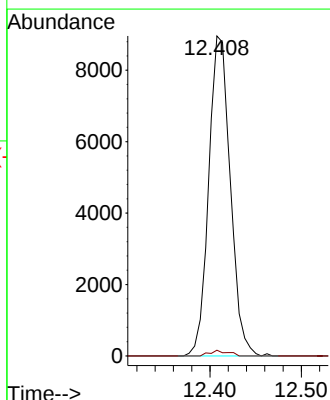
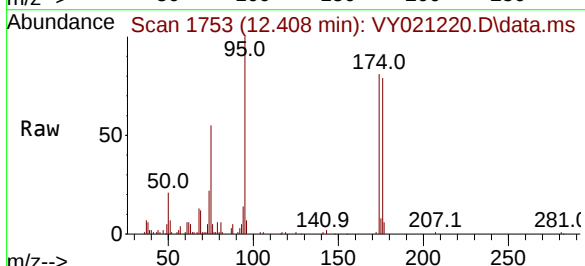
Acq: 17 Feb 2025 14:28

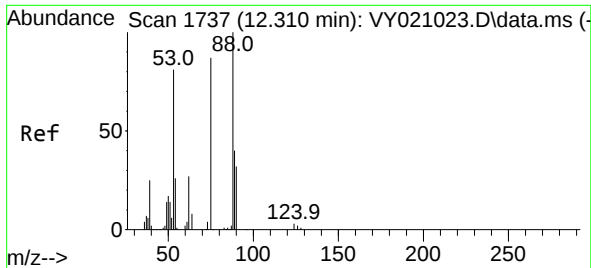
Tgt Ion: 75 Resp: 14728

Ion Ratio Lower Upper

75 100

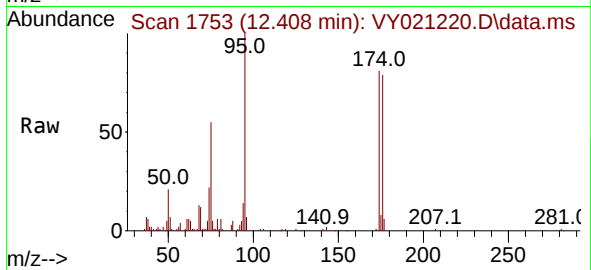
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.078 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY021220.D
 Acq: 17 Feb 2025 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 14728
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

