

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020564.D
 Acq On : 10 Dec 2024 13:03
 Operator : SY/MD
 Sample : P5216-03
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:48:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	82174	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	129892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	98080	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	35787	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	41710	49.909	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.820%
35) Dibromofluoromethane	7.628	113	39309	48.071	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.103	98	150449	48.317	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.408	95	40664	37.340	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.680%

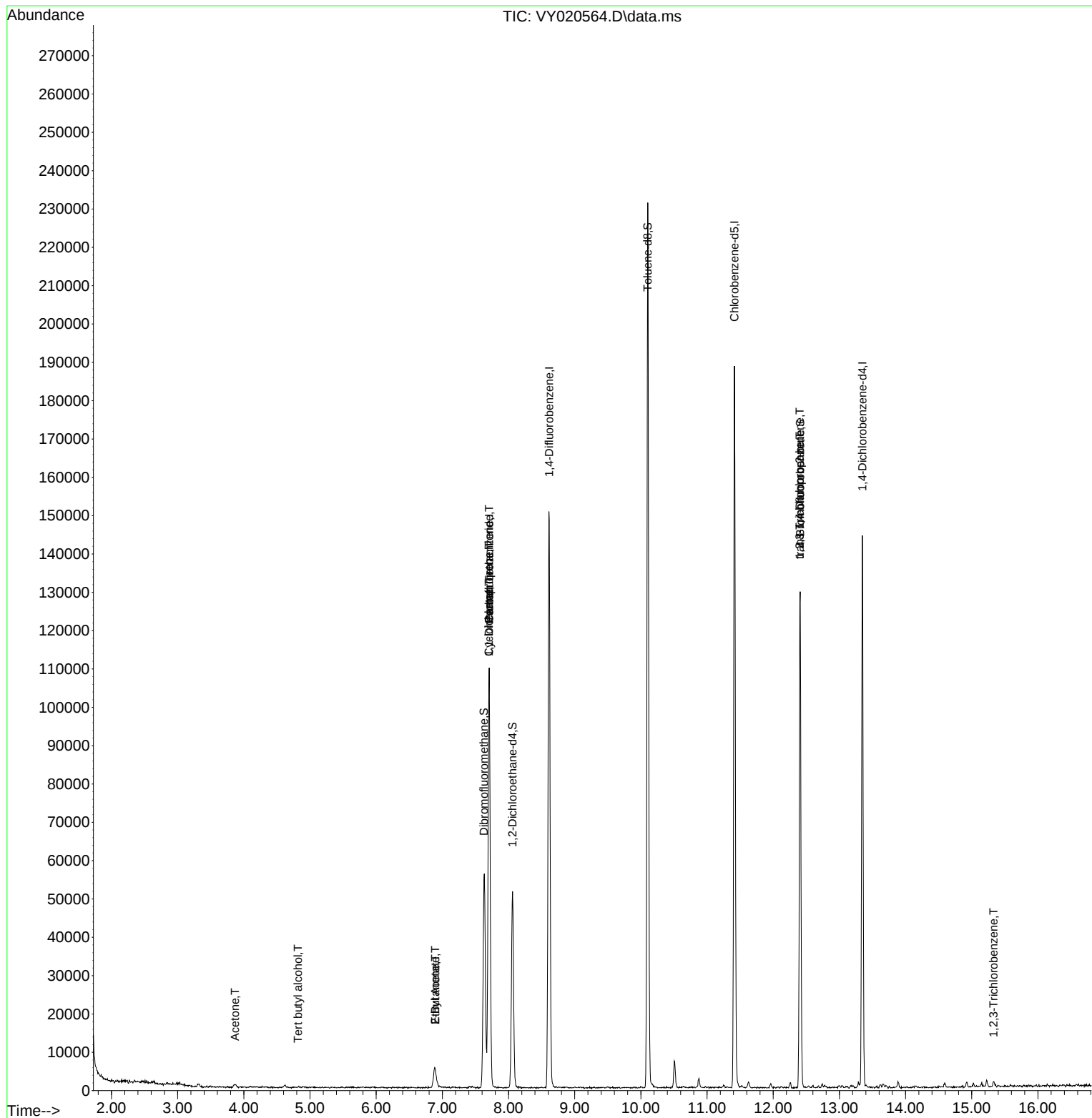
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.817	59	183	3.376	ug/l #	73
16) Acetone	3.866	43	1481	7.127	ug/l	92
25) 2-Butanone	6.890	43	655	2.496	ug/l #	50
31) Cyclohexane	7.701	56	1729	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	6432	4.658	ug/l #	52
37) Ethyl Acetate	6.890	43	655	1.197	ug/l #	45
38) Carbon Tetrachloride	7.707	117	8286	5.028	ug/l #	15
76) 1,2,3-Trichloropropane	12.401	75	22133	60.712	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	22133	124.572	ug/l #	9
96) 1,2,3-Trichlorobenzene	15.328	180	564	1.060	ug/l #	83

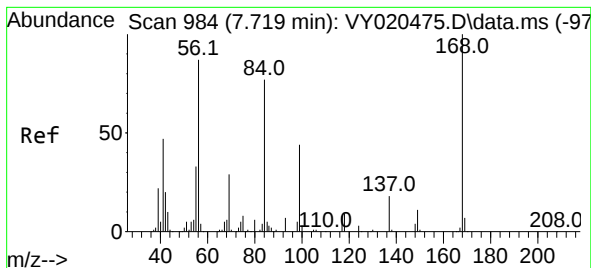
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY020564.D

Acq: 10 Dec 2024 13:03

Instrument :

MSVOA_Y

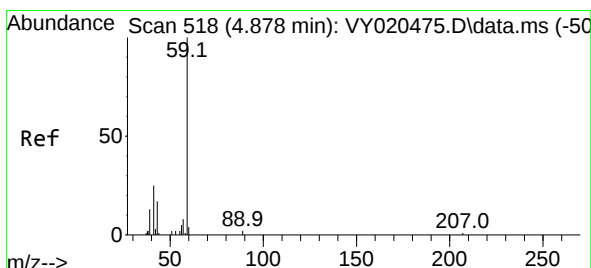
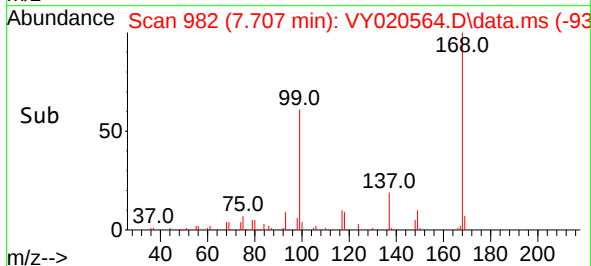
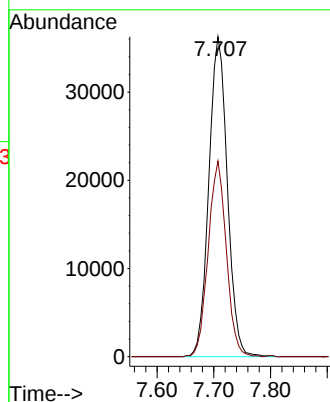
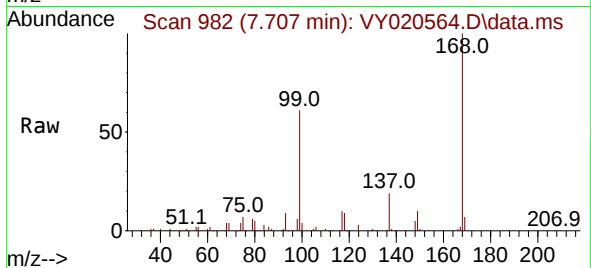
ClientSampleId :

Tgt Ion:168 Resp: 82174

Ion Ratio Lower Upper

168 100

99 61.2 46.6 69.8



#11

Tert butyl alcohol

Concen: 3.376 ug/l

RT: 4.817 min Scan# 508

Delta R.T. -0.061 min

Lab File: VY020564.D

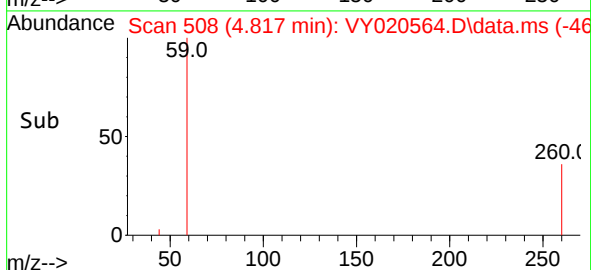
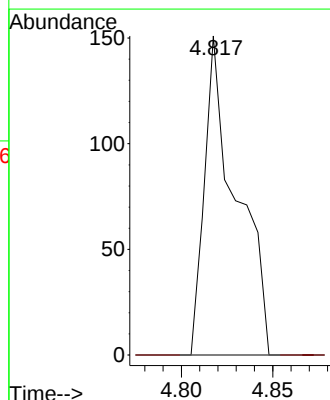
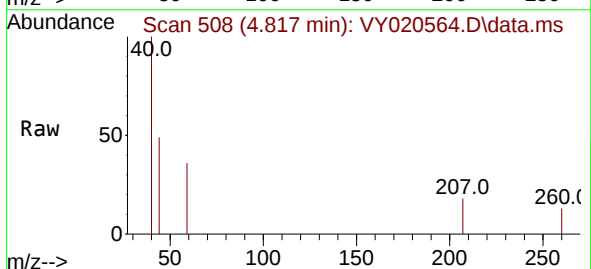
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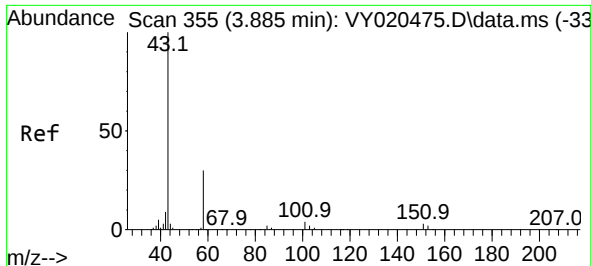
Tgt Ion: 59 Resp: 183

Ion Ratio Lower Upper

59 100

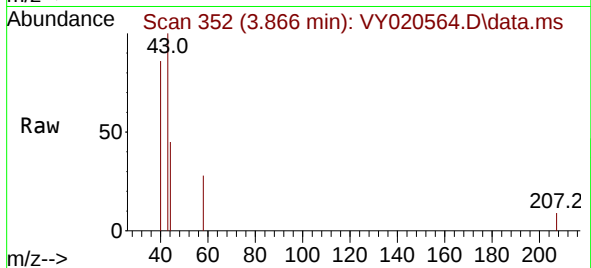
57 0.0 8.2 12.2#



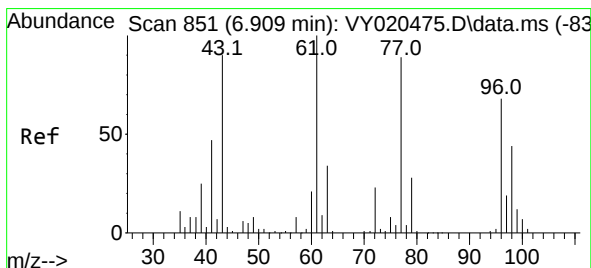
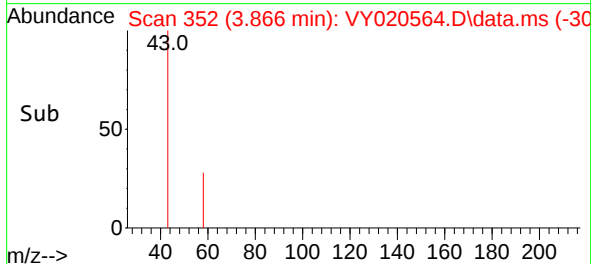
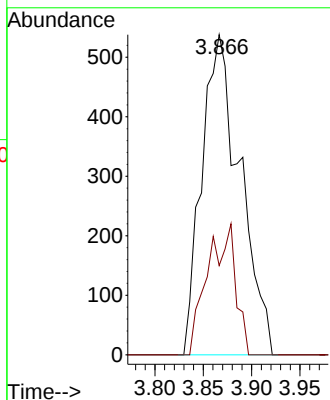


#16
Acetone
Concen: 7.127 ug/l
RT: 3.866 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY020564.D
Acq: 10 Dec 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :

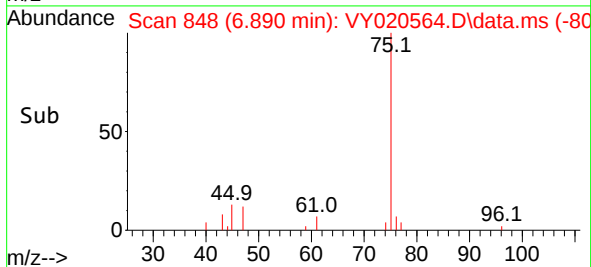
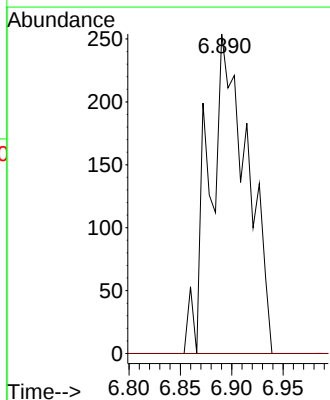
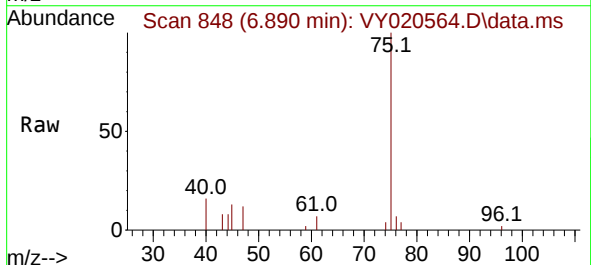


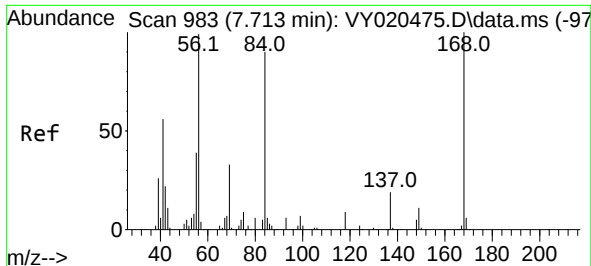
Tgt Ion: 43 Resp: 1481
Ion Ratio Lower Upper
43 100
58 27.9 25.7 38.5



#25
2-Butanone
Concen: 2.496 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.018 min
Lab File: VY020564.D
Acq: 10 Dec 2024 13:03

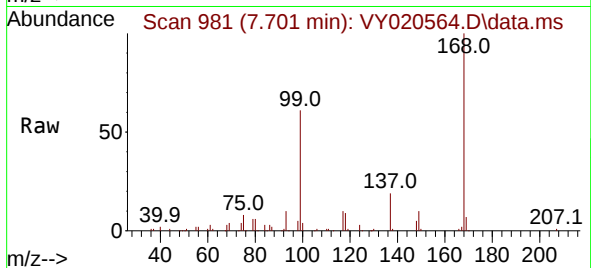
Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



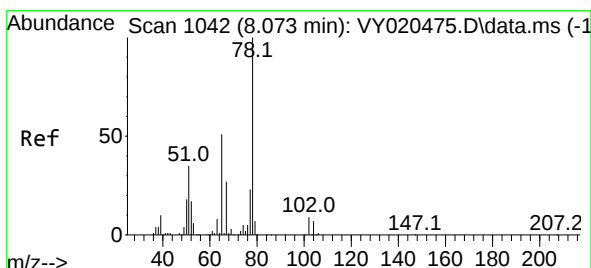
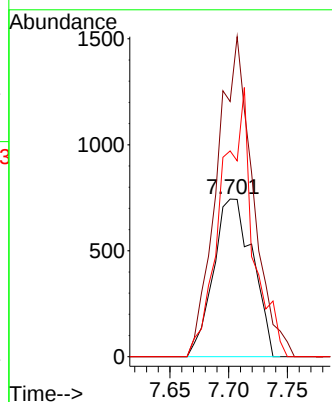
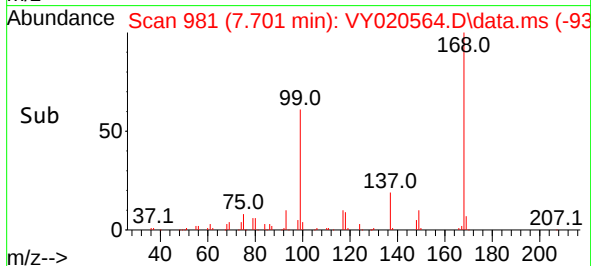


#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020564.D
Acq: 10 Dec 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :

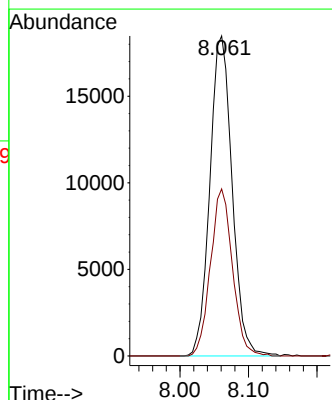
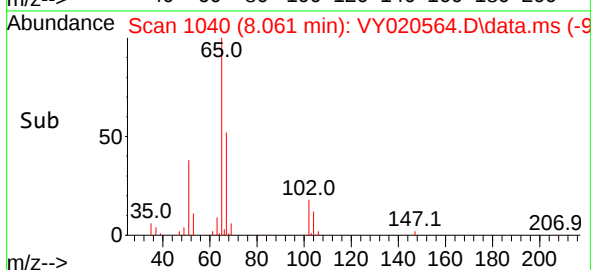
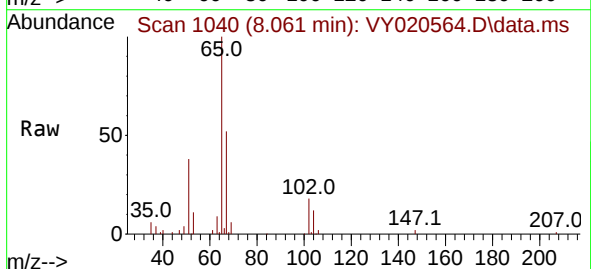


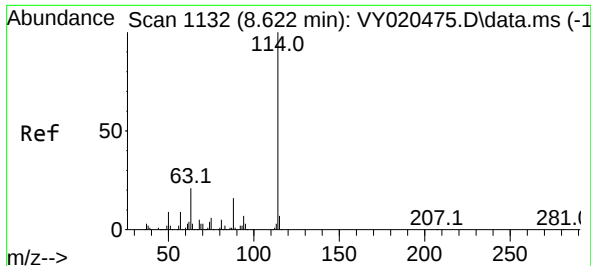
Tgt Ion: 56 Resp: 1729
Ion Ratio Lower Upper
56 100
69 161.8 25.3 37.9#
84 130.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.909 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020564.D
Acq: 10 Dec 2024 13:03

Tgt Ion: 65 Resp: 41710
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

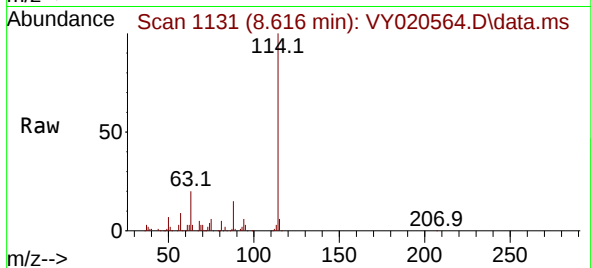
Lab File: VY020564.D

Acq: 10 Dec 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :



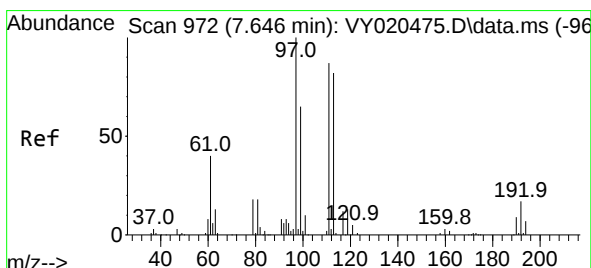
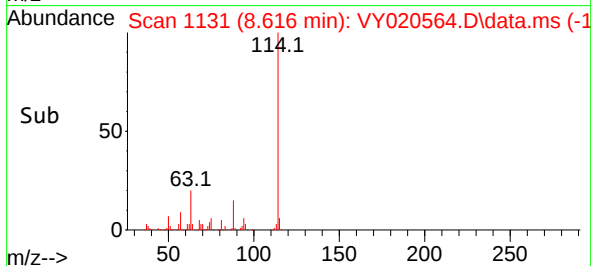
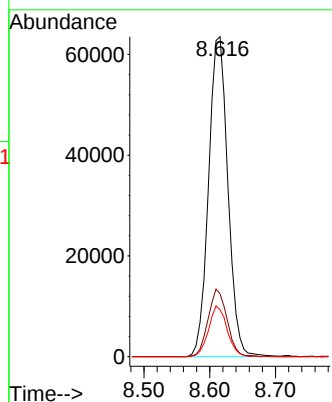
Tgt Ion:114 Resp: 129892

Ion Ratio Lower Upper

114 100

63 19.6 0.0 44.8

88 14.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.071 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.018 min

Lab File: VY020564.D

Acq: 10 Dec 2024 13:03

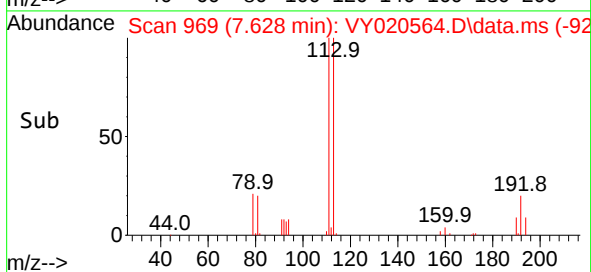
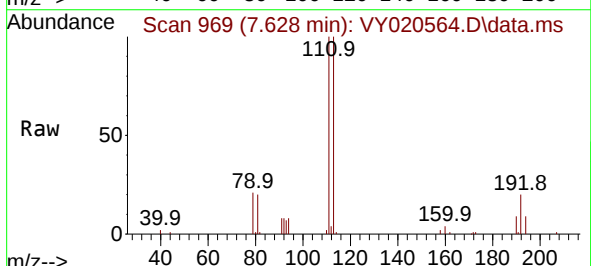
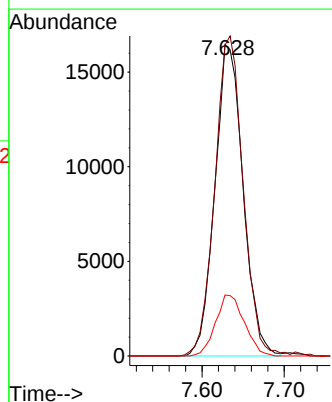
Tgt Ion:113 Resp: 39309

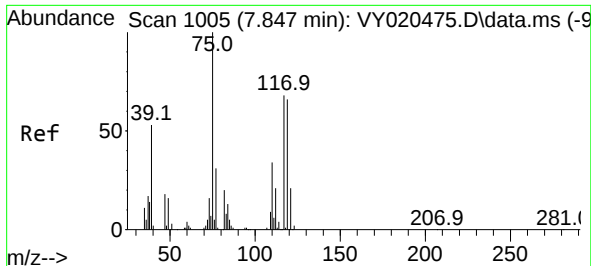
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 19.8 15.1 22.7

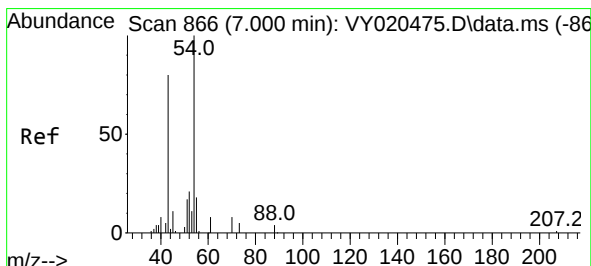
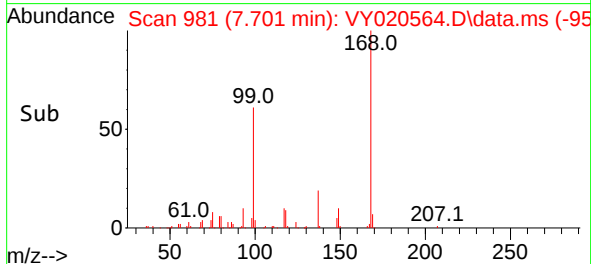
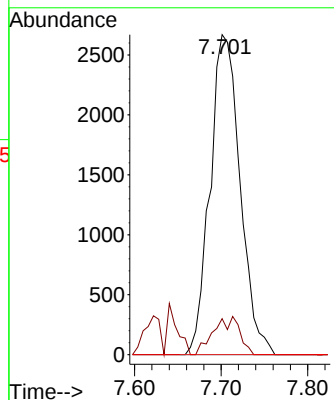
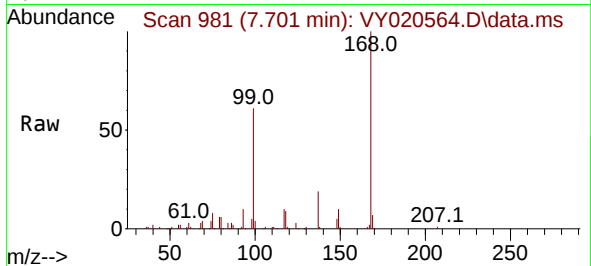




#36
 1,1-Dichloropropene
 Concen: 4.658 ug/l
 RT: 7.701 min Scan# 91
 Delta R.T. -0.146 min
 Lab File: VY020564.D
 Acq: 10 Dec 2024 13:03

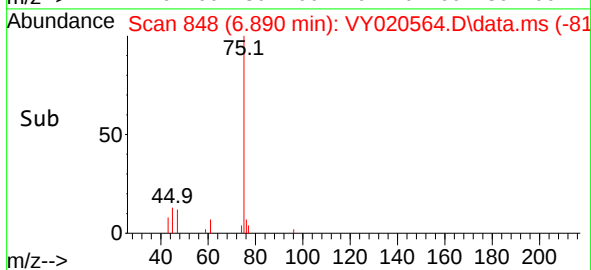
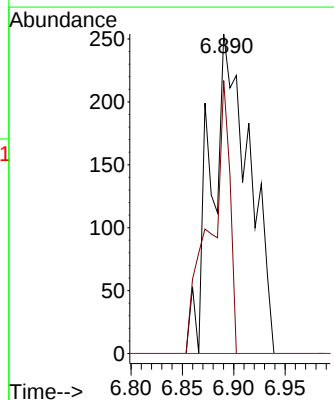
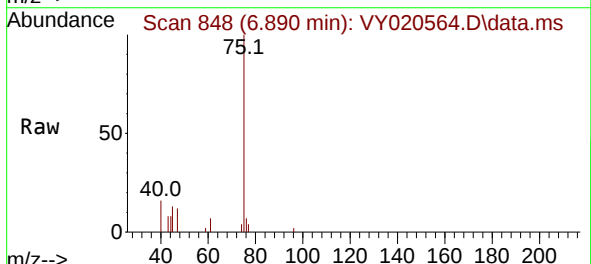
Instrument :
 MSVOA_Y
 ClientSampleId :

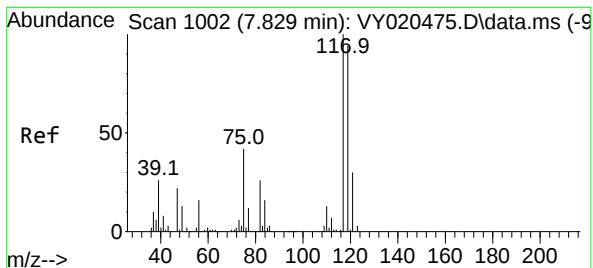
Tgt Ion: 75 Resp: 6432
 Ion Ratio Lower Upper
 75 100
 110 10.4 16.7 50.0#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 1.197 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.110 min
 Lab File: VY020564.D
 Acq: 10 Dec 2024 13:03

Tgt Ion: 43 Resp: 655
 Ion Ratio Lower Upper
 43 100
 61 43.8 10.7 16.1#
 70 0.0 7.3 10.9#





#38

Carbon Tetrachloride

Concen: 5.028 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY020564.D

Acq: 10 Dec 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

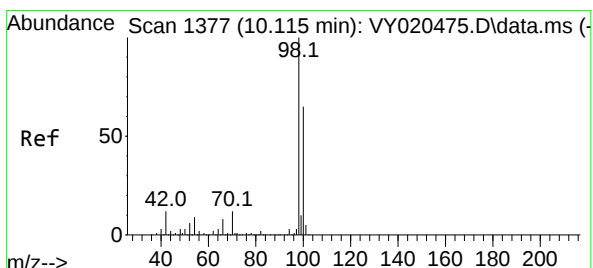
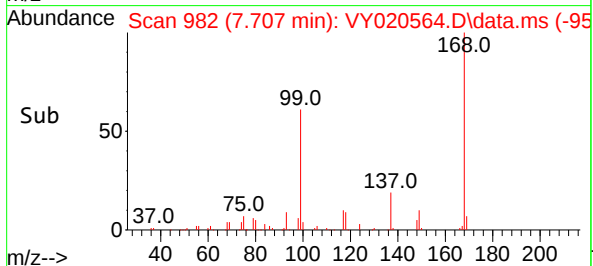
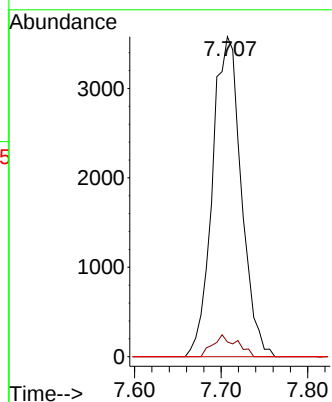
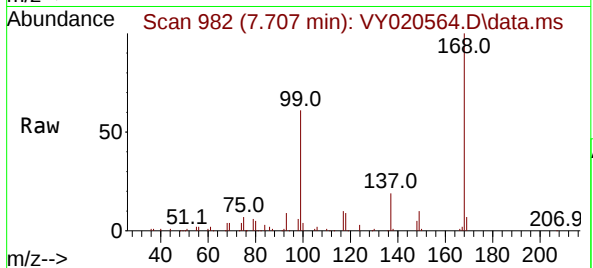
Tgt Ion:117 Resp: 8286

Ion Ratio Lower Upper

117 100

119 4.6 77.8 116.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 48.317 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020564.D

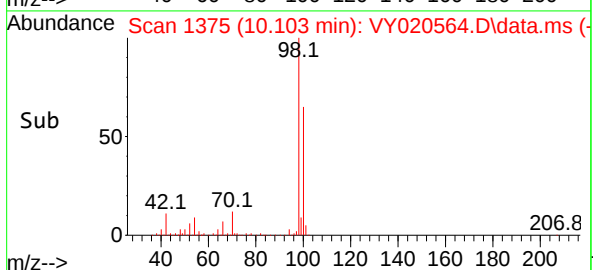
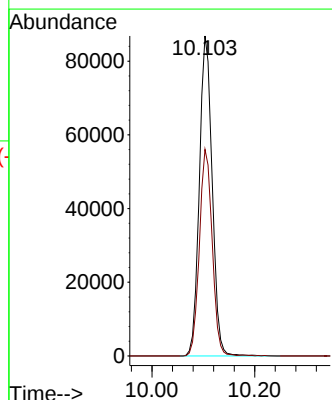
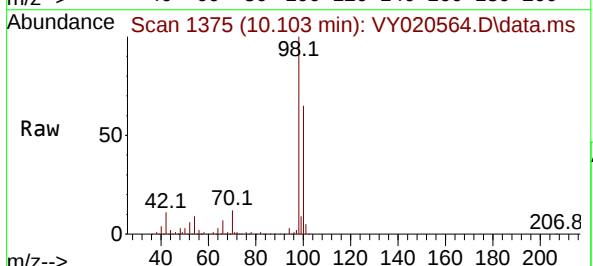
Acq: 10 Dec 2024 13:03

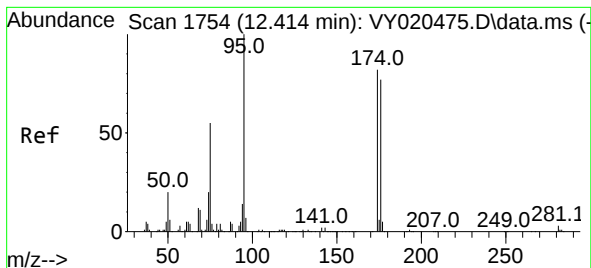
Tgt Ion: 98 Resp: 150449

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9

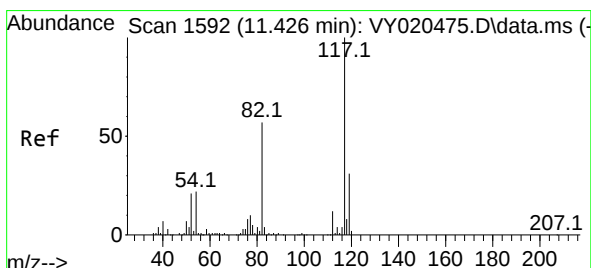
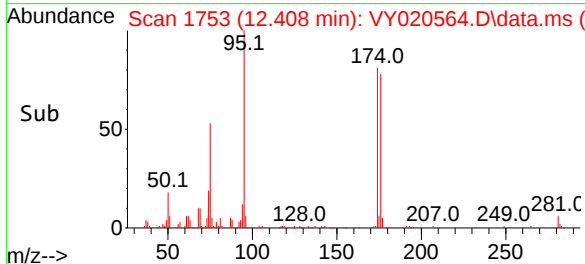
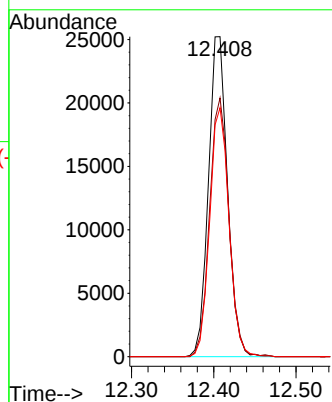
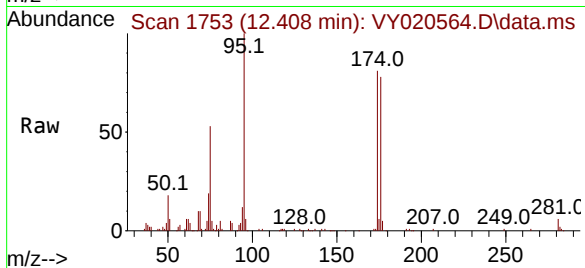




#62
4-Bromofluorobenzene
Concen: 37.340 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020564.D
Acq: 10 Dec 2024 13:03

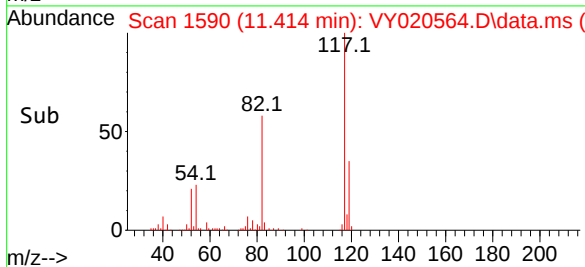
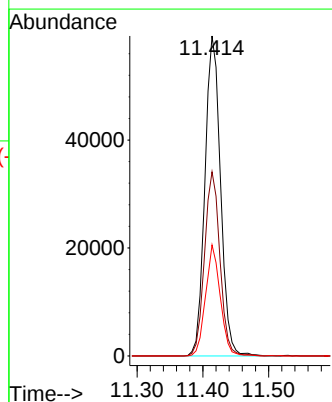
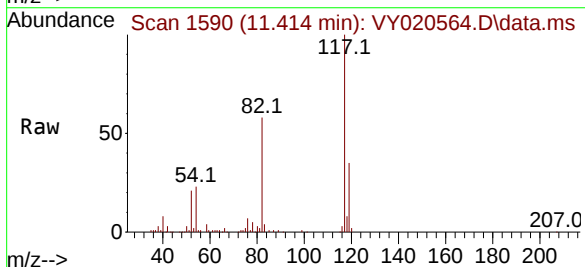
Instrument :
MSVOA_Y
ClientSampleId :

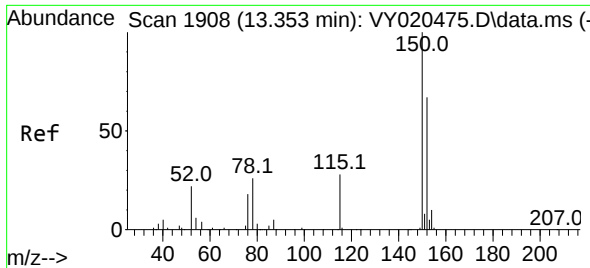
Tgt Ion: 95 Resp: 40664
Ion Ratio Lower Upper
95 100
174 82.2 0.0 156.8
176 78.7 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.012 min
Lab File: VY020564.D
Acq: 10 Dec 2024 13:03

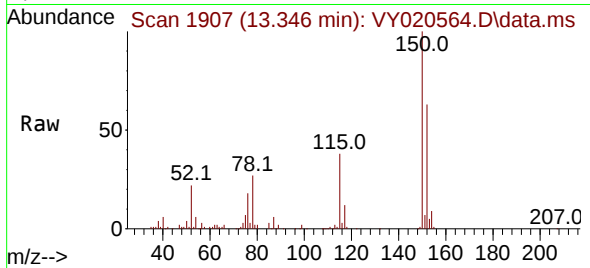
Tgt Ion: 117 Resp: 98080
Ion Ratio Lower Upper
117 100
82 57.5 48.2 72.4
119 34.7 25.8 38.8



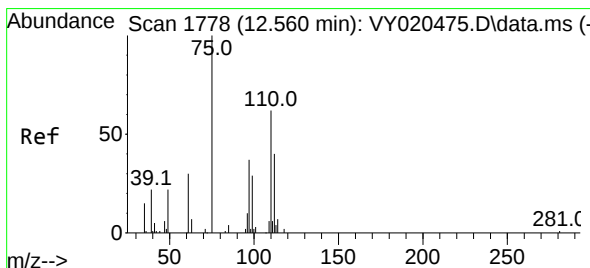
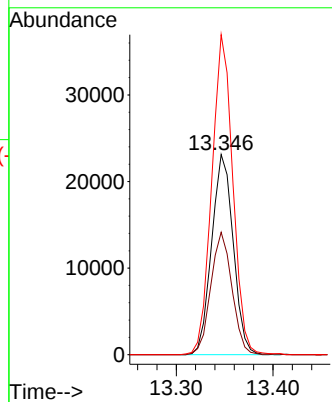
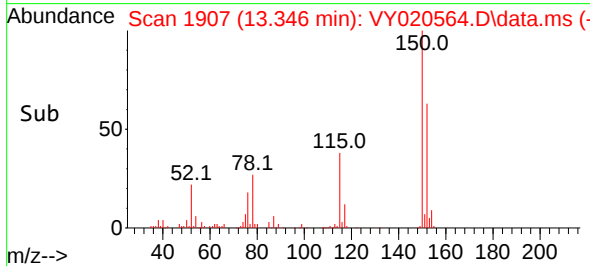


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY020564.D
 Acq: 10 Dec 2024 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :

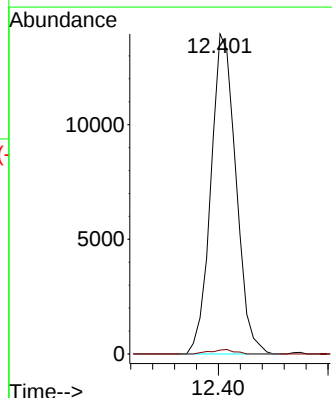
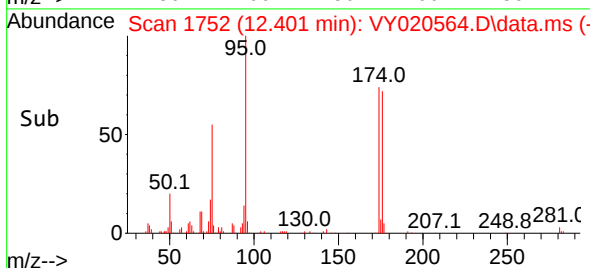
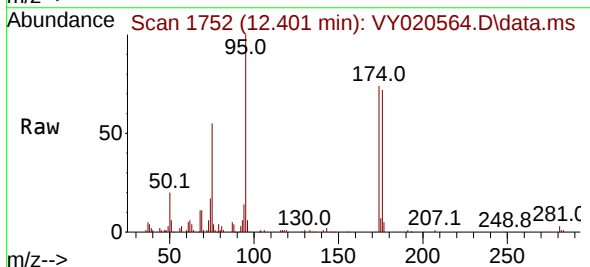


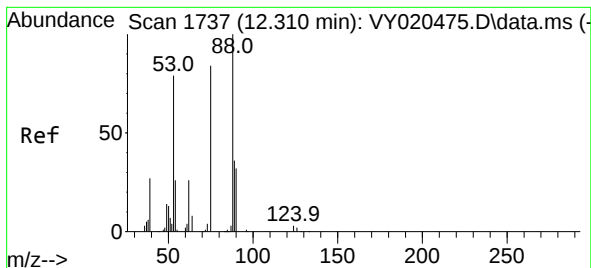
Tgt Ion:152 Resp: 35787
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.0 90.0
 150 155.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 60.712 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.159 min
 Lab File: VY020564.D
 Acq: 10 Dec 2024 13:03

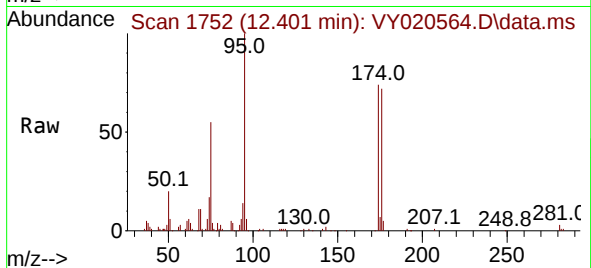
Tgt Ion: 75 Resp: 22133
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



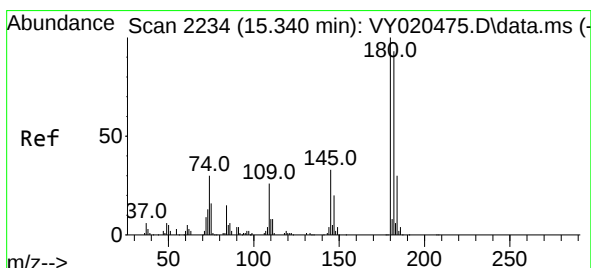
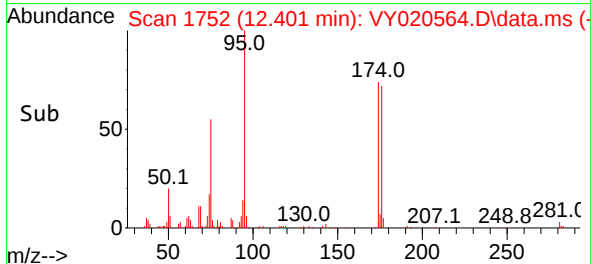
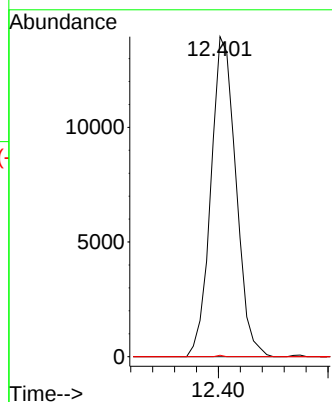


#81
trans-1,4-Dichloro-2-butene
Concen: 124.572 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY020564.D
Acq: 10 Dec 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 22133
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#



#96
1,2,3-Trichlorobenzene
Concen: 1.060 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.012 min
Lab File: VY020564.D
Acq: 10 Dec 2024 13:03

Tgt Ion:180 Resp: 564
Ion Ratio Lower Upper
180 100
182 86.5 47.4 142.3
145 10.6 16.9 50.6#

