

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021376.D
 Acq On : 28 Feb 2025 10:59
 Operator : SY/MD
 Sample : VY0228SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBL01

Quant Time: Feb 28 22:18:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

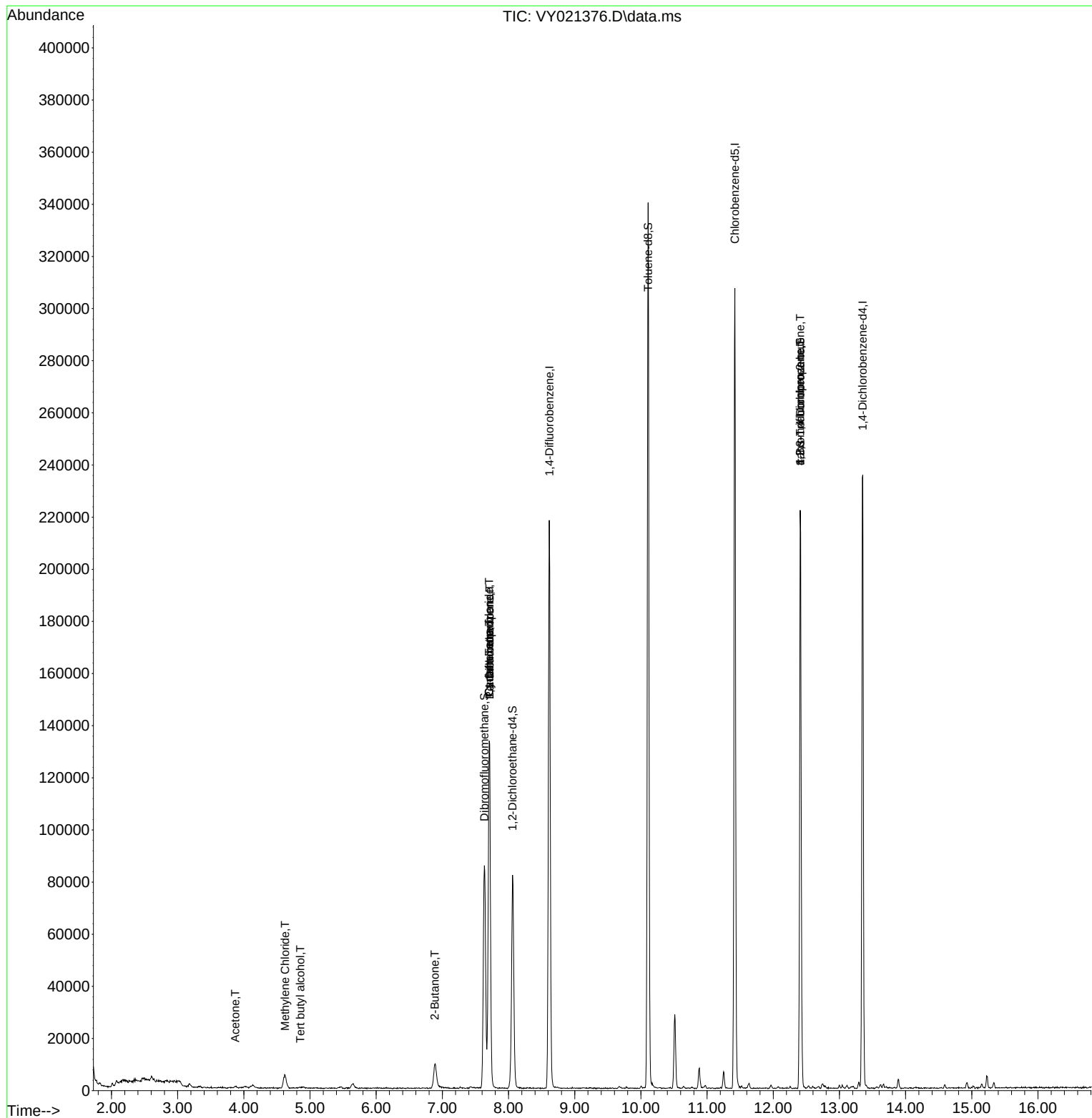
Internal Standards						
1) Pentafluorobenzene	7.713	168	105534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	180558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	159029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	59388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	62494	52.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.400%	
35) Dibromofluoromethane	7.634	113	61564	52.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.020%	
50) Toluene-d8	10.109	98	215695	47.148	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.300%	
62) 4-Bromofluorobenzene	12.408	95	62690	40.717	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	424	4.604	ug/l #	84
16) Acetone	3.873	43	1005	4.376	ug/l	91
20) Methylene Chloride	4.622	84	3642	2.933	ug/l #	80
25) 2-Butanone	6.884	43	447	1.290	ug/l #	87
31) Cyclohexane	7.707	56	2409	1.141	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	8338	4.689	ug/l #	52
38) Carbon Tetrachloride	7.707	117	10128	5.067	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	34736	58.434	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	34736	129.879	ug/l #	10

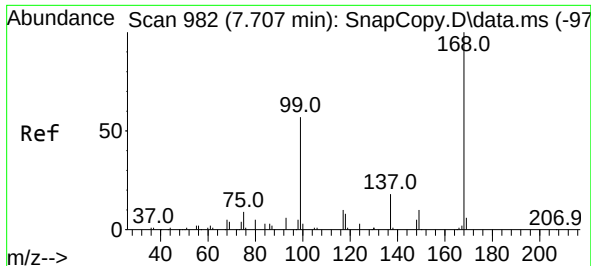
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021376.D
Acq On : 28 Feb 2025 10:59
Operator : SY/MD
Sample : VY0228SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

Quant Time: Feb 28 22:18:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

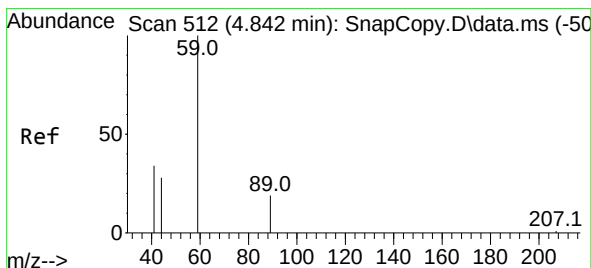
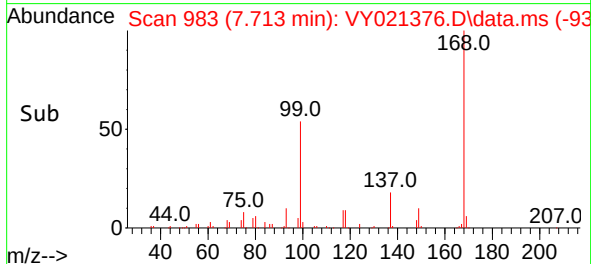
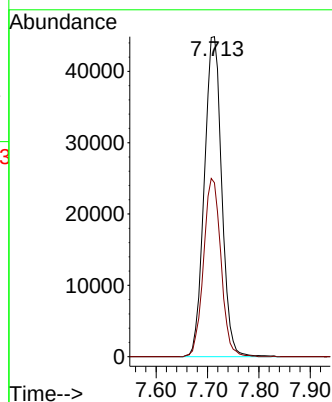
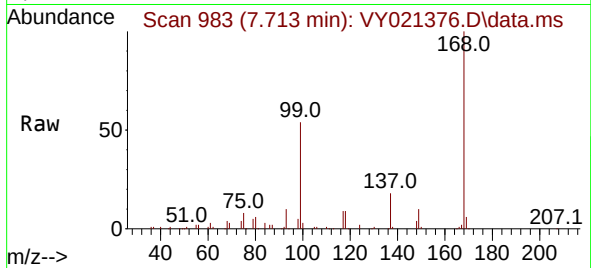




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

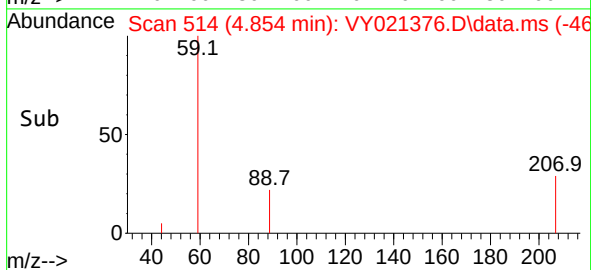
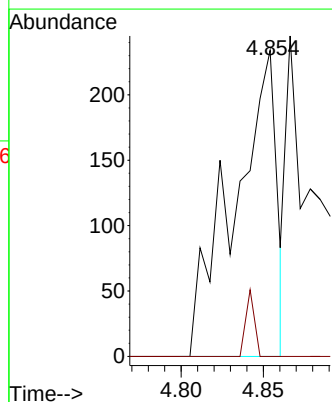
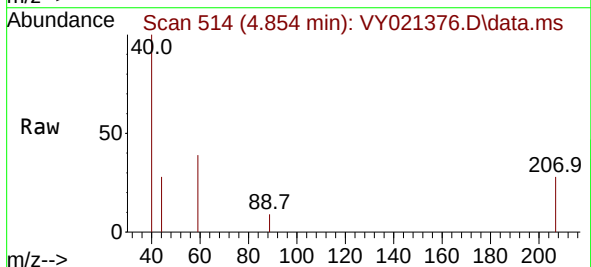
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

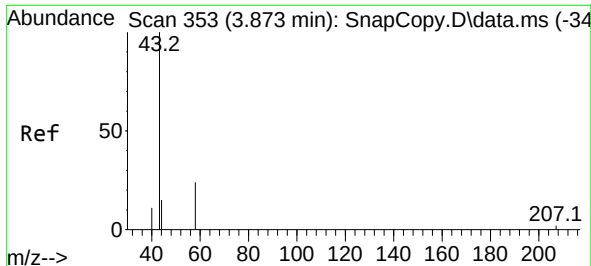
Tgt Ion:168 Resp: 105534
Ion Ratio Lower Upper
168 100
99 54.4 47.1 70.7



#11
Tert butyl alcohol
Concen: 4.604 ug/l
RT: 4.854 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion: 59 Resp: 424
Ion Ratio Lower Upper
59 100
57 4.5 8.3 12.5#

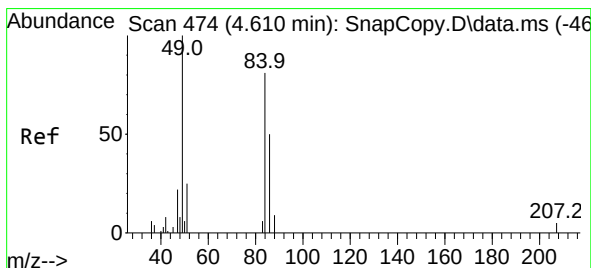
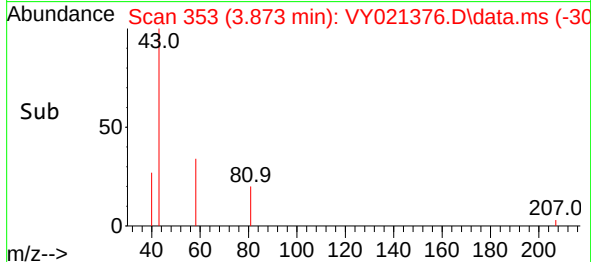
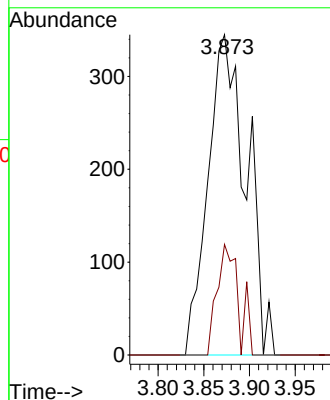
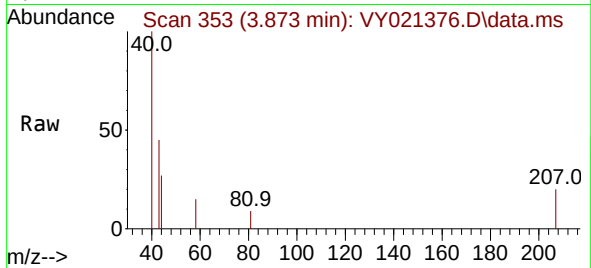




#16
Acetone
Concen: 4.376 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

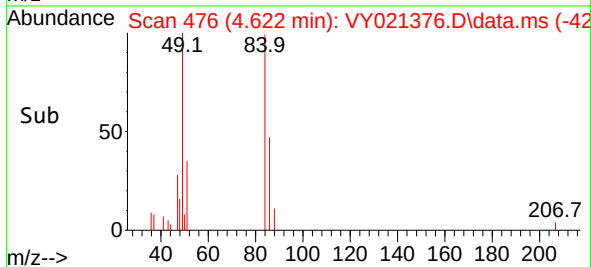
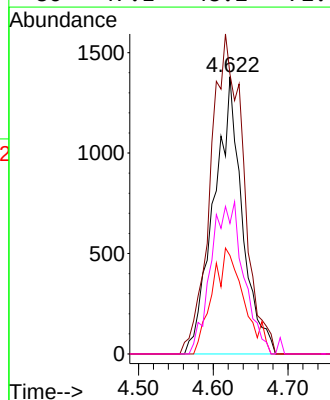
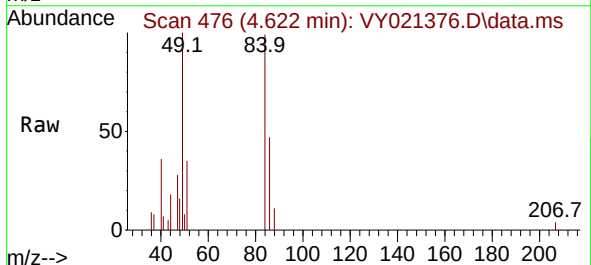
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

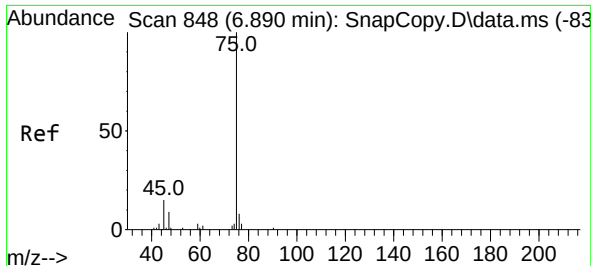
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 34.5 23.5 35.3



#20
Methylene Chloride
Concen: 2.933 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion: 84 Resp: 3642
Ion Ratio Lower Upper
84 100
49 100.9 105.1 157.7#
51 35.5 31.0 46.4
86 47.1 48.2 72.4#

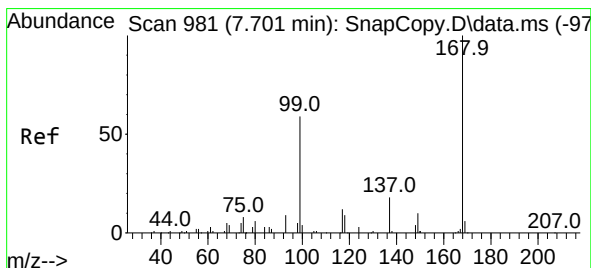
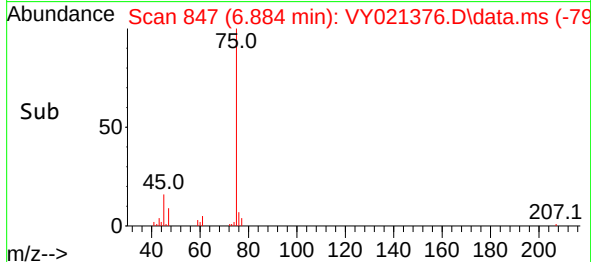
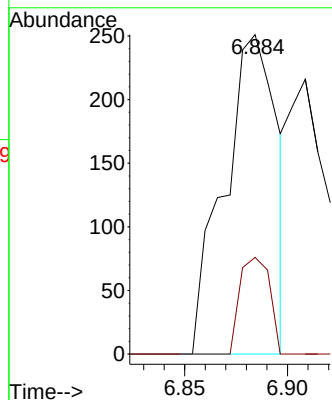
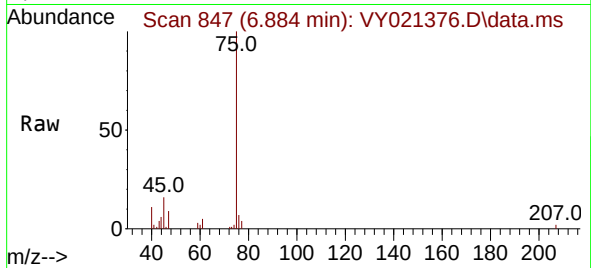




#25
2-Butanone
Concen: 1.290 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

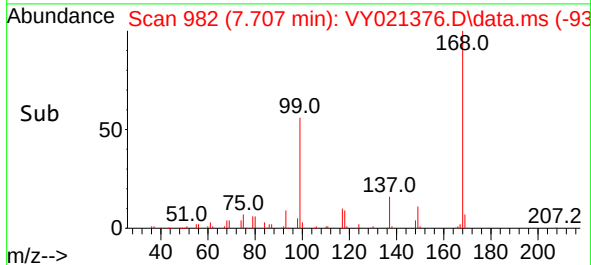
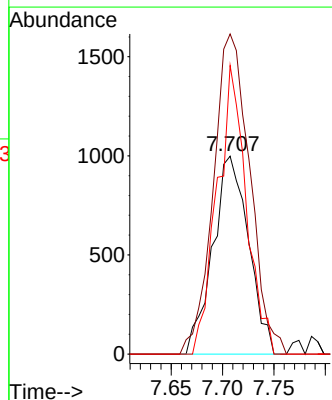
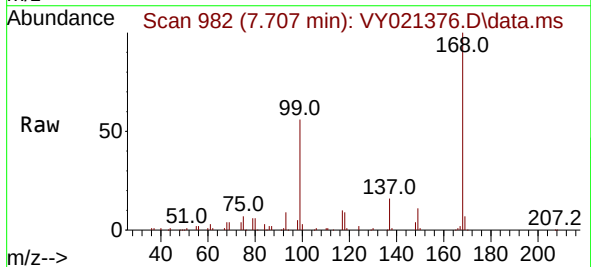
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

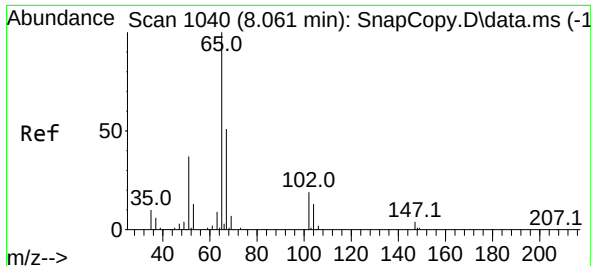
Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
72 30.3 19.0 28.6#



#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion: 56 Resp: 2409
Ion Ratio Lower Upper
56 100
69 161.8 26.2 39.4#
84 145.9 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 52.201 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021376.D

Acq: 28 Feb 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

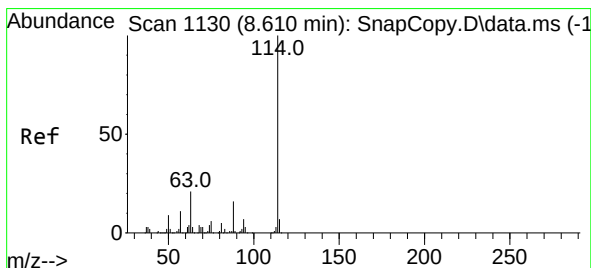
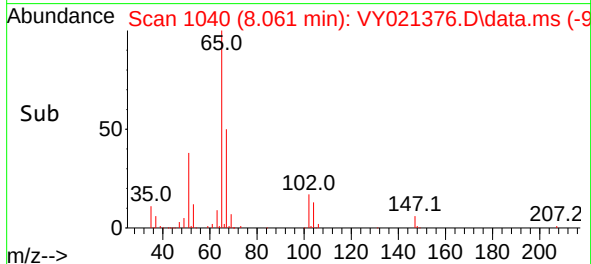
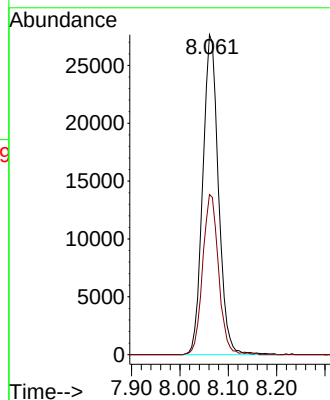
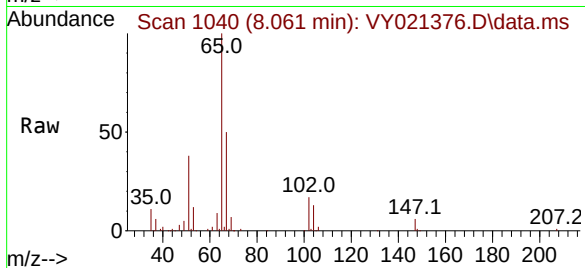
VY0228SBL01

Tgt Ion: 65 Resp: 62494

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021376.D

Acq: 28 Feb 2025 10:59

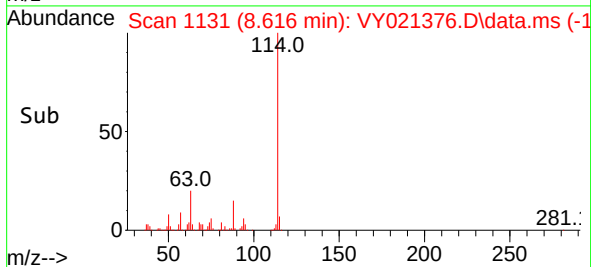
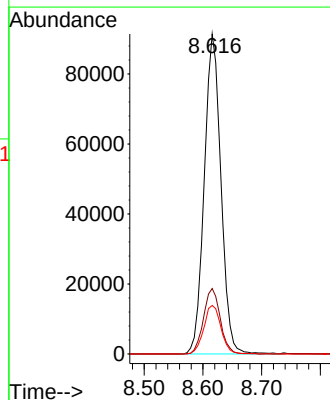
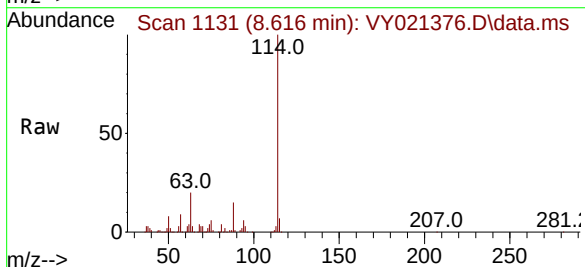
Tgt Ion:114 Resp: 180558

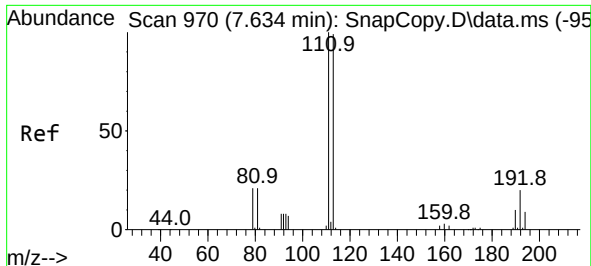
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.2

88 15.2 0.0 29.8

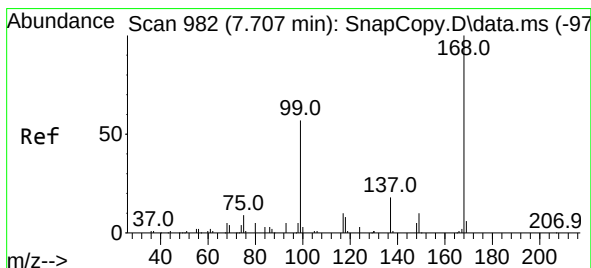
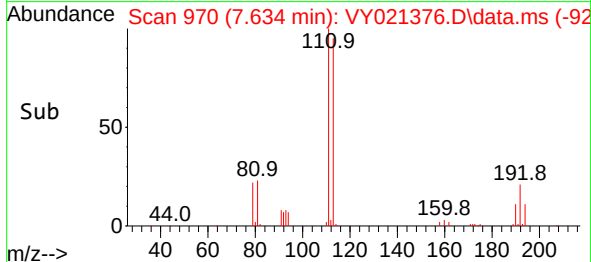
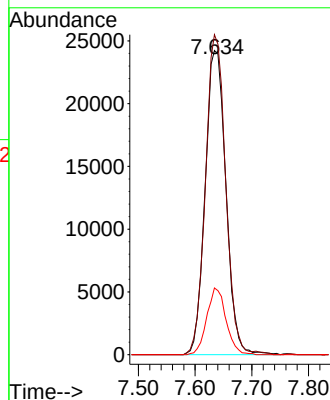
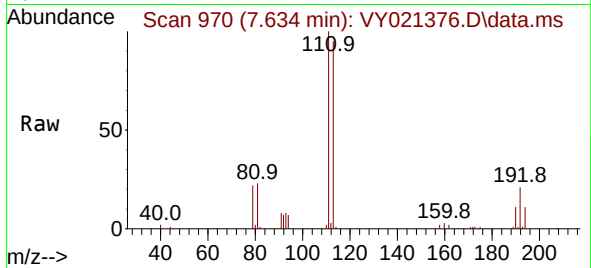




#35
Dibromofluoromethane
Concen: 52.007 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

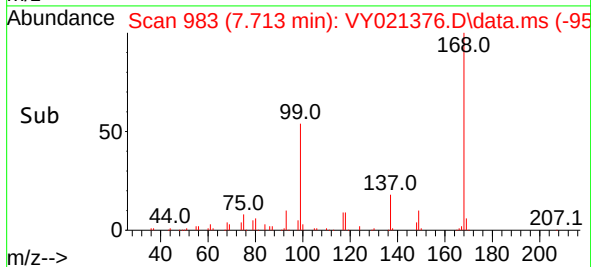
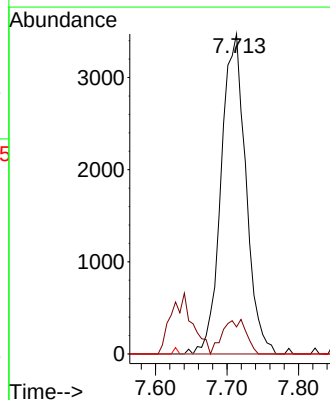
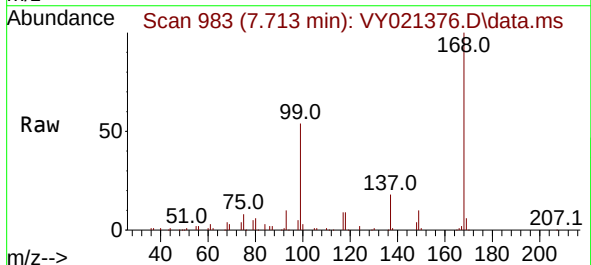
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

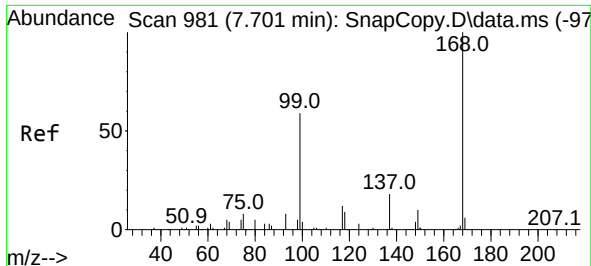
Tgt Ion:113 Resp: 61564
Ion Ratio Lower Upper
113 100
111 102.4 81.0 121.6
192 20.3 15.8 23.8



#36
1,1-Dichloropropene
Concen: 4.689 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion: 75 Resp: 8338
Ion Ratio Lower Upper
75 100
110 10.2 16.9 50.7#
77 0.0 24.6 36.8#

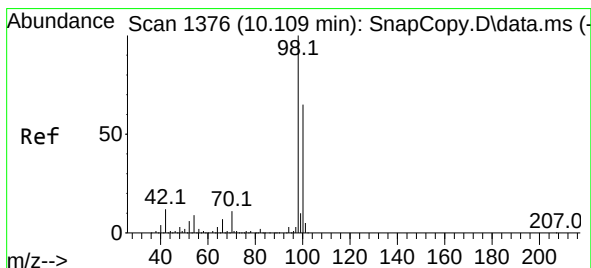
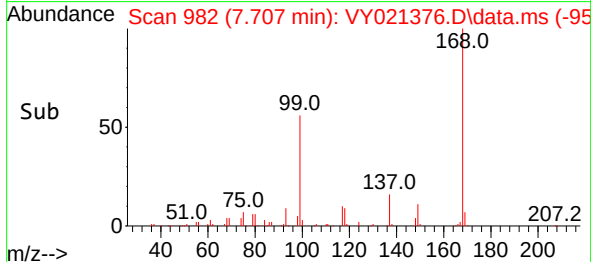
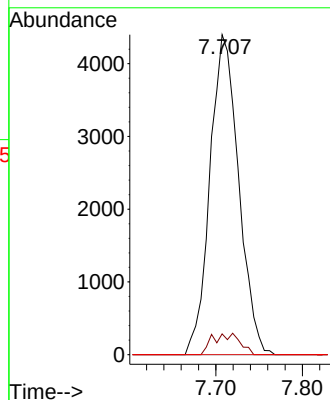
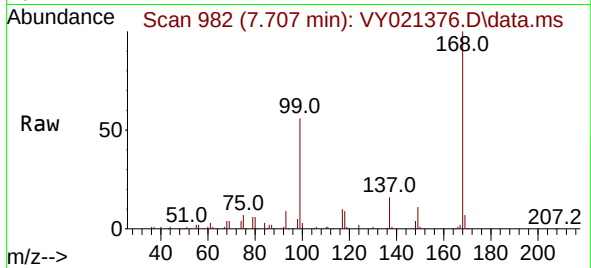




#38
Carbon Tetrachloride
Concen: 5.067 ug/l
RT: 7.707 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

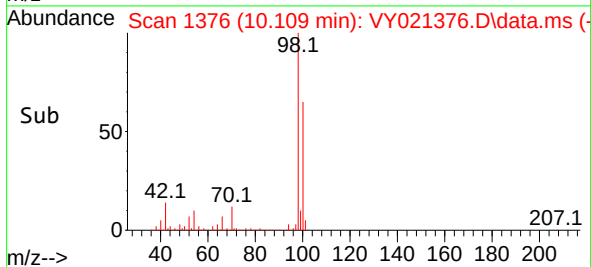
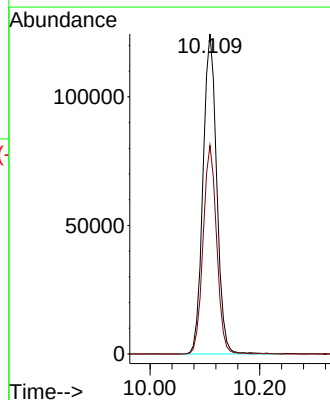
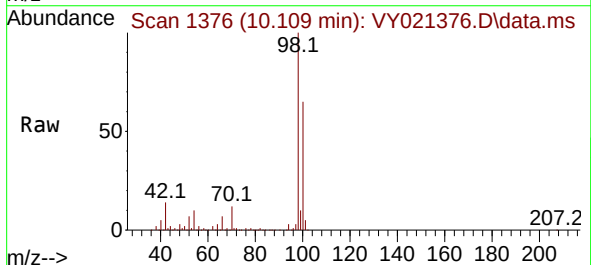
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

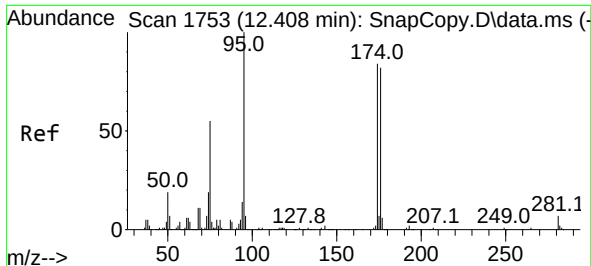
Tgt Ion:117 Resp: 10128
Ion Ratio Lower Upper
117 100
119 6.5 76.0 114.0#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 47.148 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion: 98 Resp: 215695
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6

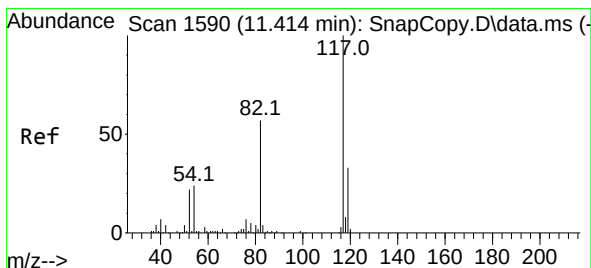
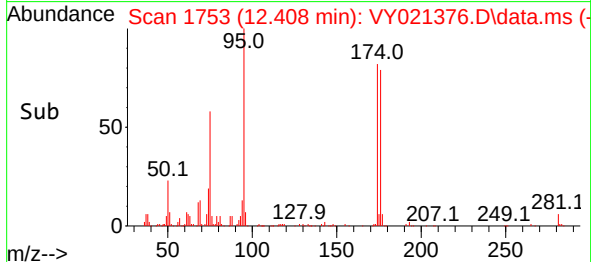
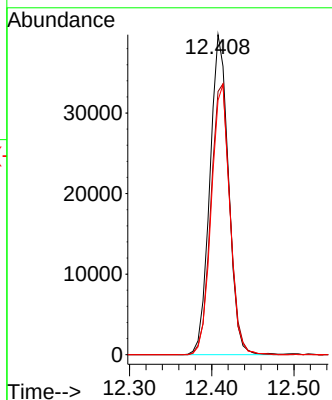
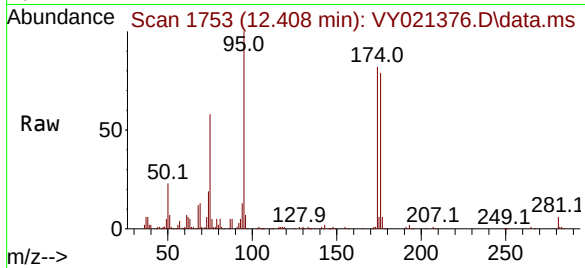




#62
4-Bromofluorobenzene
Concen: 40.717 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

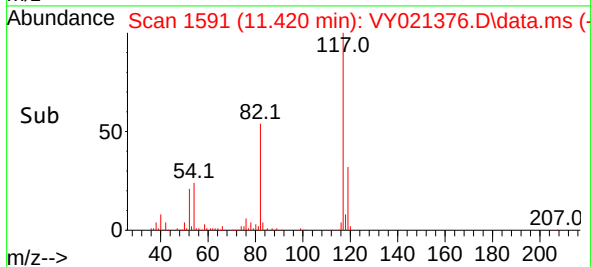
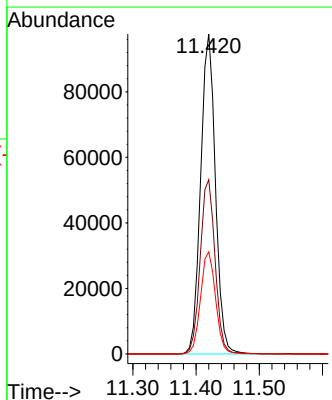
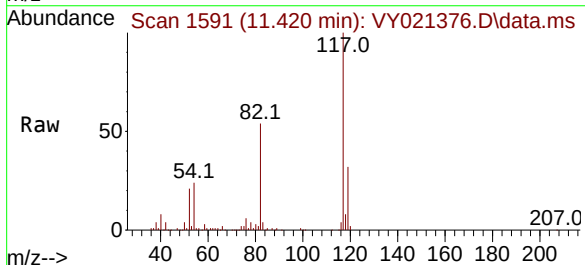
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

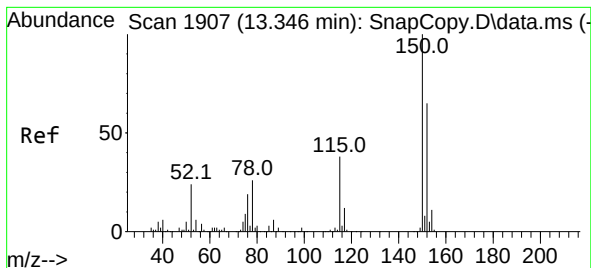
Tgt Ion:	95	Resp:	62690
Ion Ratio	Lower	Upper	
95	100		
174	86.5	0.0	168.0
176	83.6	0.0	162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion:	117	Resp:	159029
Ion Ratio	Lower	Upper	
117	100		
82	54.5	46.2	69.4
119	31.9	24.9	37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY021376.D

Acq: 28 Feb 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBL01

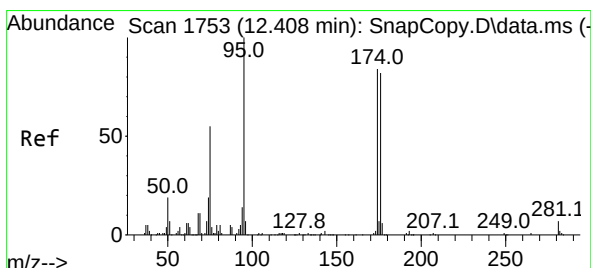
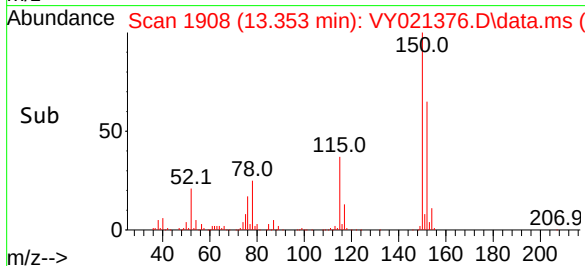
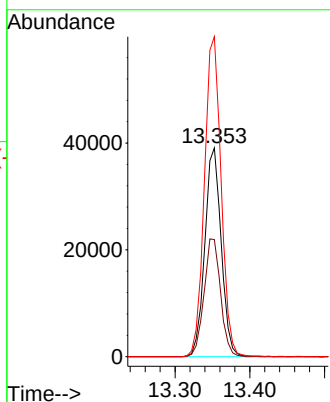
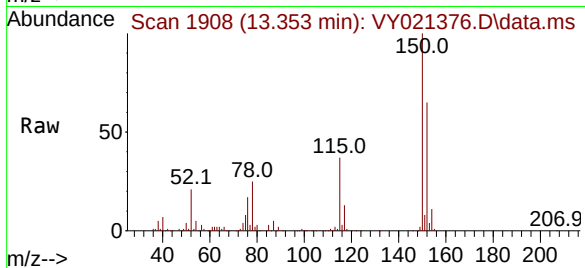
Tgt Ion:152 Resp: 59388

Ion Ratio Lower Upper

152 100

115 57.1 29.3 88.0

150 156.4 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 58.434 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY021376.D

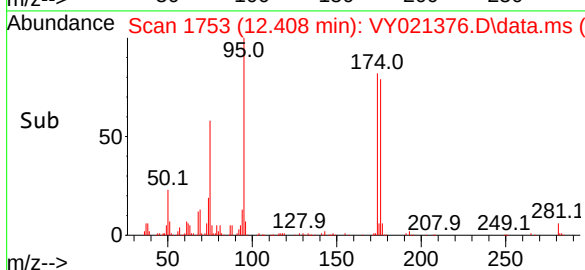
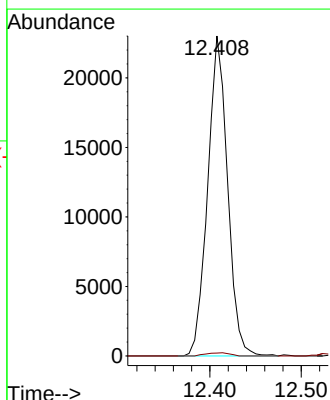
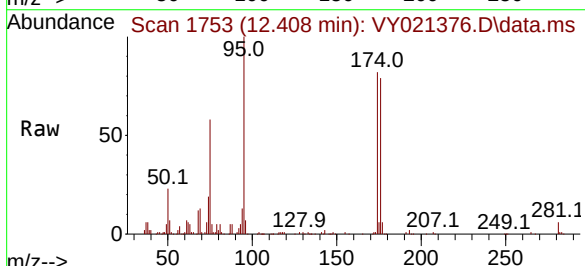
Acq: 28 Feb 2025 10:59

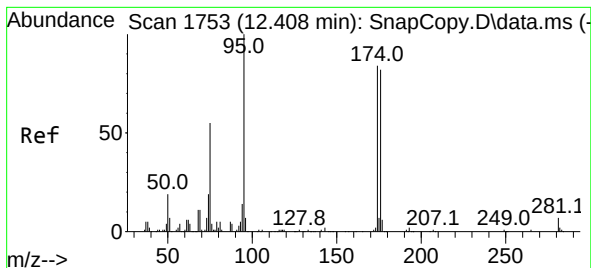
Tgt Ion: 75 Resp: 34736

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.879 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021376.D
 Acq: 28 Feb 2025 10:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBL01

Tgt Ion: 75 Resp: 34736
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.1 118.7#
 89 0.0 35.6 53.4#

