

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021386.D
 Acq On : 28 Feb 2025 17:28
 Operator : SY/MD
 Sample : Q1440-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-022625

Quant Time: Feb 28 22:22:45 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)

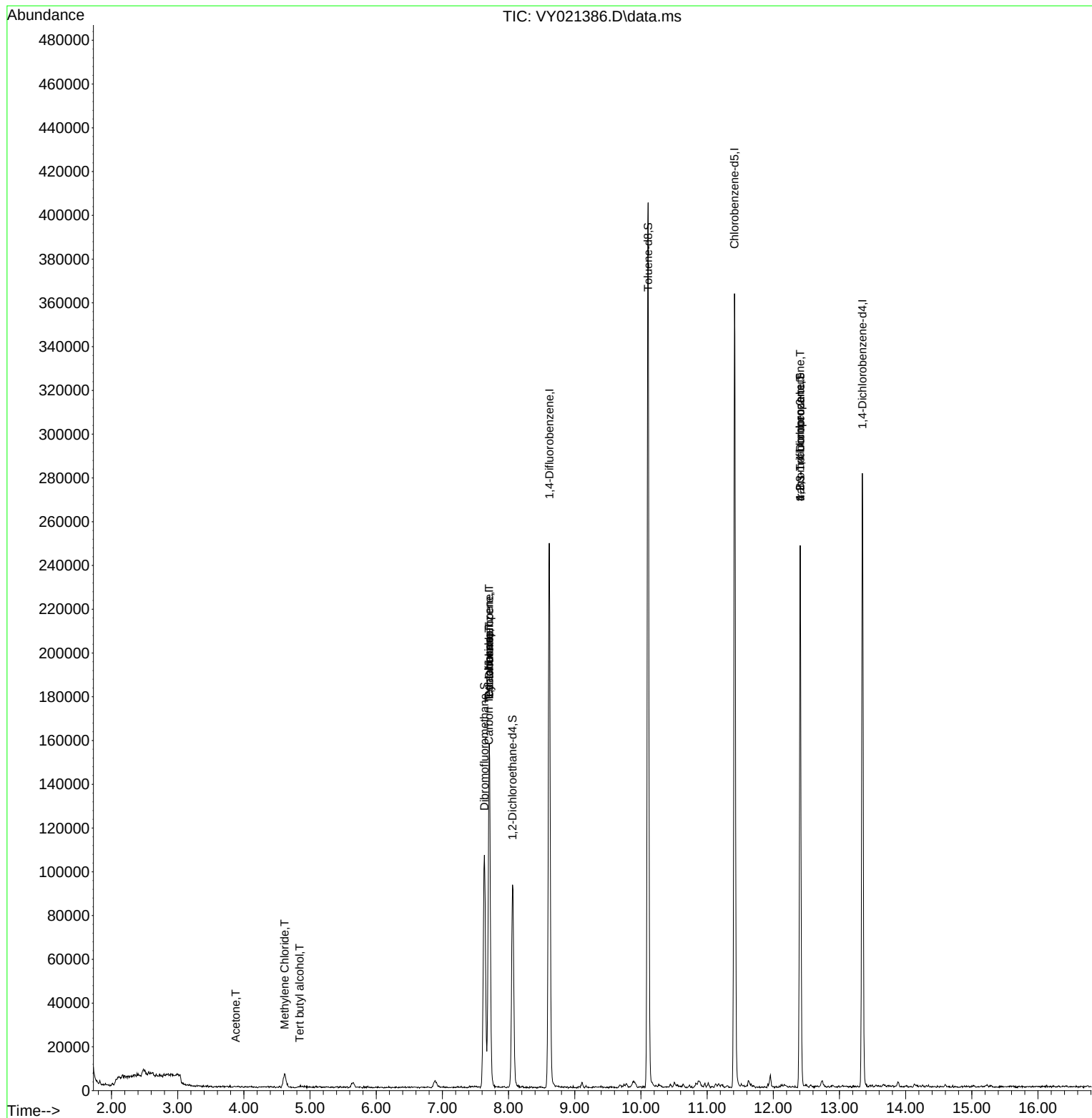
Internal Standards						
1) Pentafluorobenzene	7.707	168	113258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	206049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	186998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	68830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	75165	58.503	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.000%			
35) Dibromofluoromethane	7.634	113	75385	55.805	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.600%			
50) Toluene-d8	10.109	98	255833	49.003	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.000%			
62) 4-Bromofluorobenzene	12.407	95	73275	41.704	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.400%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.842	59	520	5.262	ug/l #	72
16) Acetone	3.878	43	808	3.278	ug/l #	45
20) Methylene Chloride	4.616	84	3964	2.974	ug/l	96
31) Cyclohexane	7.707	56	2760	1.218	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	9912	4.885	ug/l #	52
38) Carbon Tetrachloride	7.701	117	11493	5.038	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	40129	58.246	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	40129	129.461	ug/l #	10

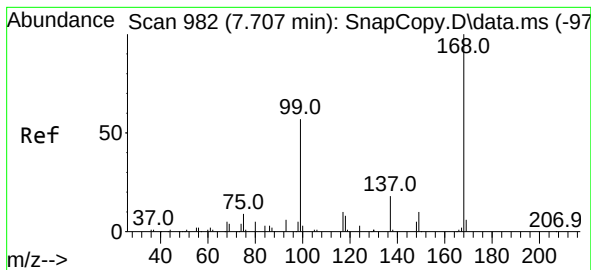
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY021386.D

Acq: 28 Feb 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

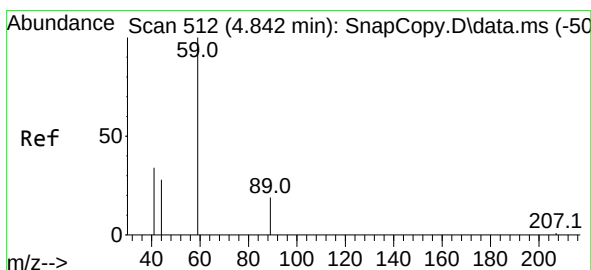
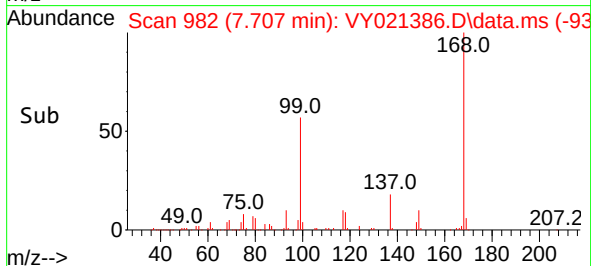
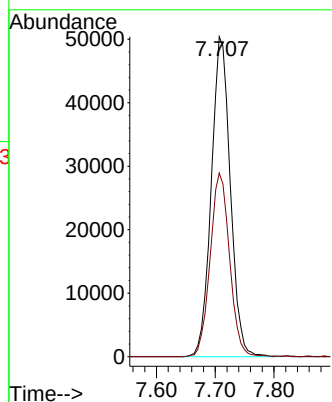
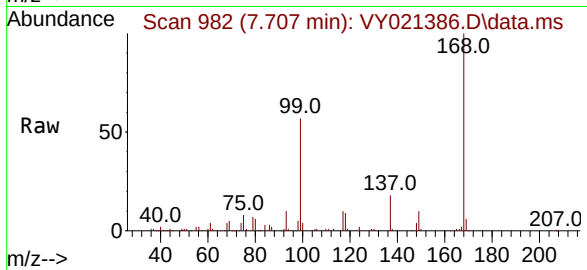
OR-02-022625

Tgt Ion:168 Resp: 113258

Ion Ratio Lower Upper

168 100

99 57.4 47.1 70.7



#11

Tert butyl alcohol

Concen: 5.262 ug/l

RT: 4.842 min Scan# 512

Delta R.T. -0.012 min

Lab File: VY021386.D

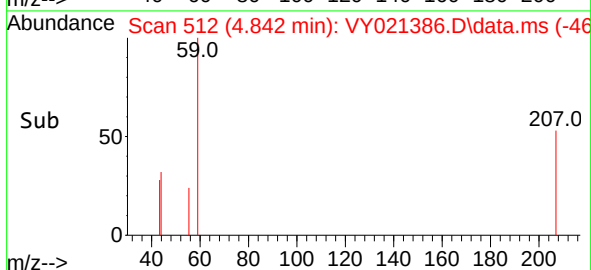
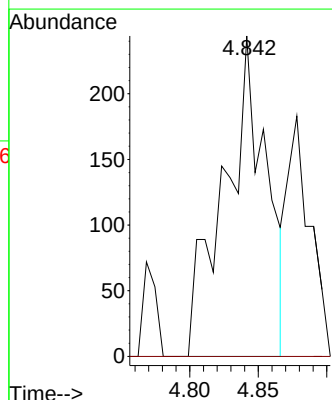
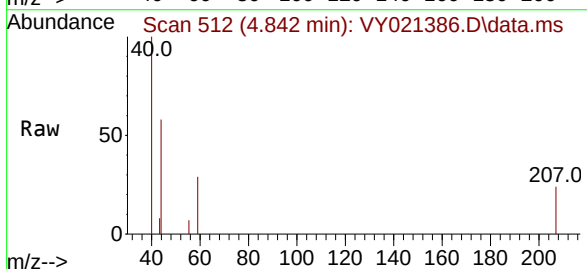
Acq: 28 Feb 2025 17:28

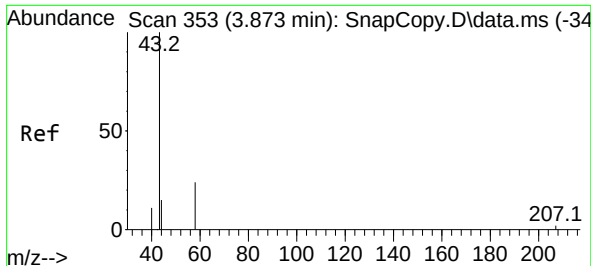
Tgt Ion: 59 Resp: 520

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

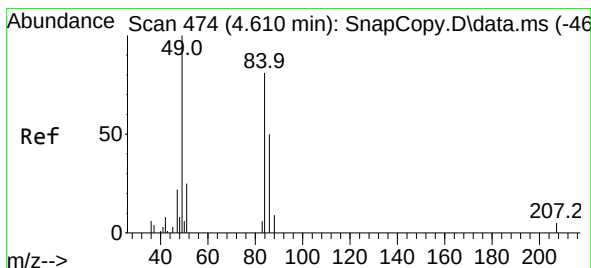
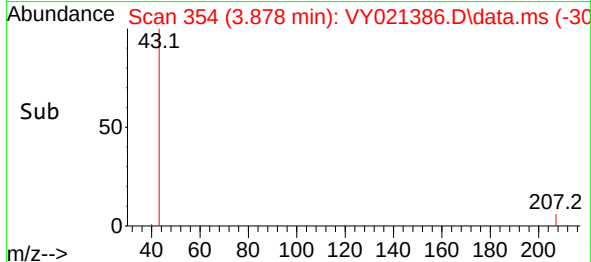
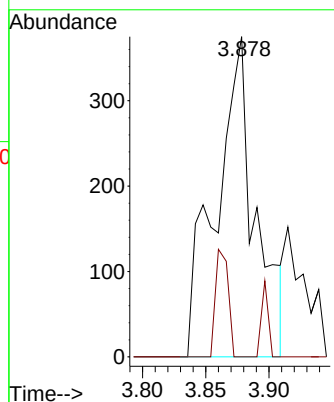
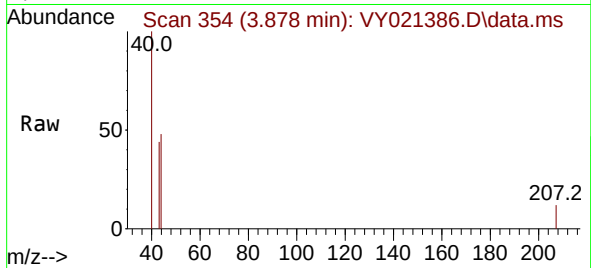




#16
Acetone
Concen: 3.278 ug/l
RT: 3.878 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY021386.D
Acq: 28 Feb 2025 17:28

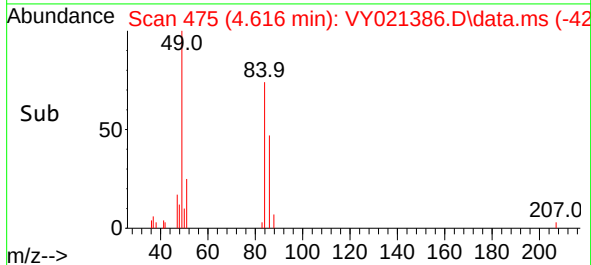
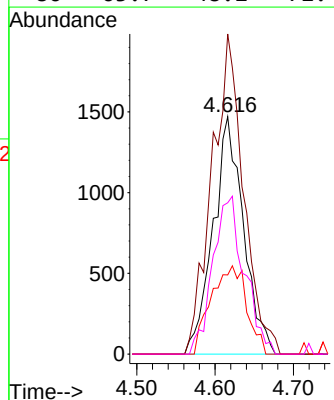
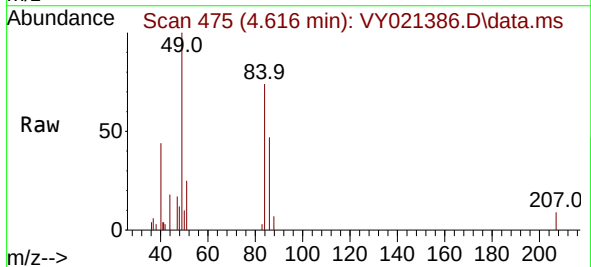
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-022625

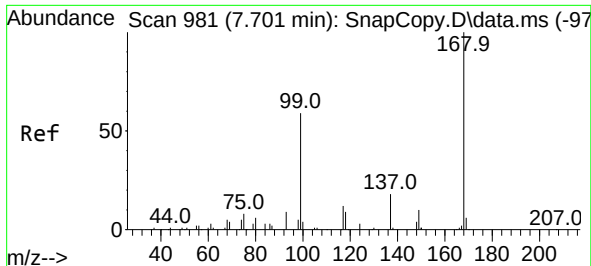
Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 0.0 23.5 35.3#



#20
Methylene Chloride
Concen: 2.974 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021386.D
Acq: 28 Feb 2025 17:28

Tgt Ion: 84 Resp: 3964
Ion Ratio Lower Upper
84 100
49 134.8 105.1 157.7
51 33.3 31.0 46.4
86 63.7 48.2 72.4

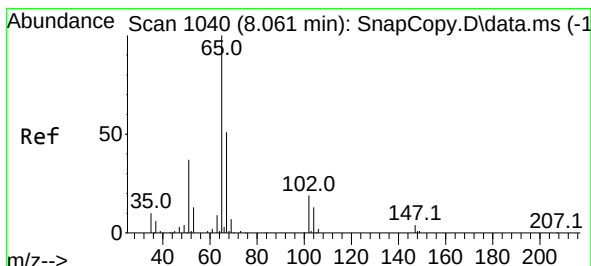
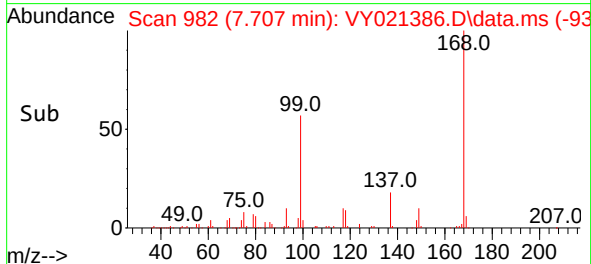
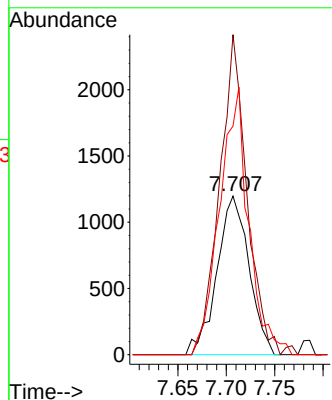
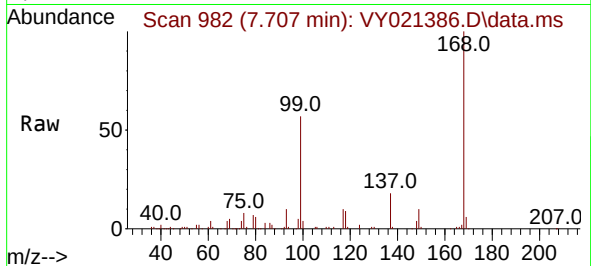




#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021386.D
Acq: 28 Feb 2025 17:28

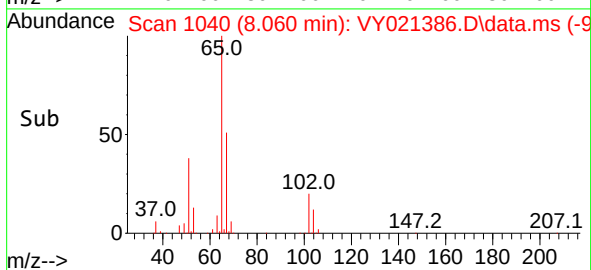
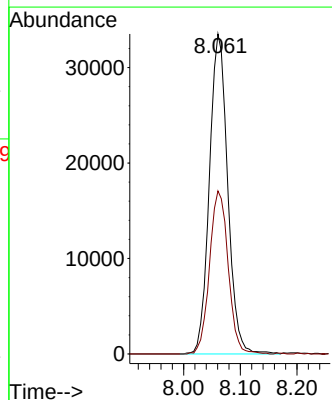
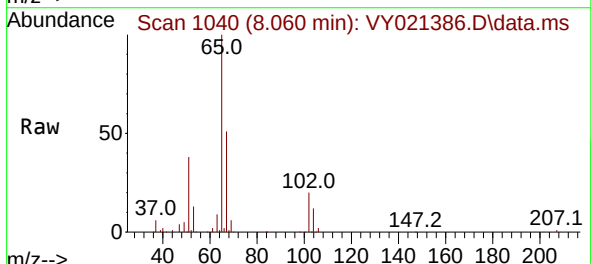
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-022625

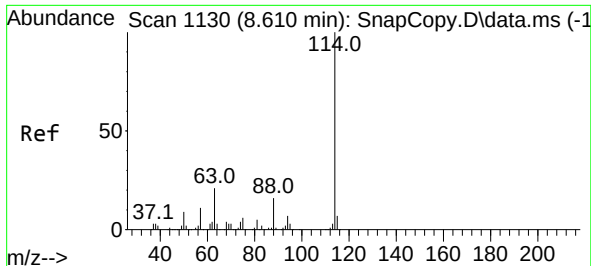
Tgt Ion: 56 Resp: 2760
Ion Ratio Lower Upper
56 100
69 201.8 26.2 39.4#
84 144.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 58.503 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021386.D
Acq: 28 Feb 2025 17:28

Tgt Ion: 65 Resp: 75165
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY021386.D

Acq: 28 Feb 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-022625

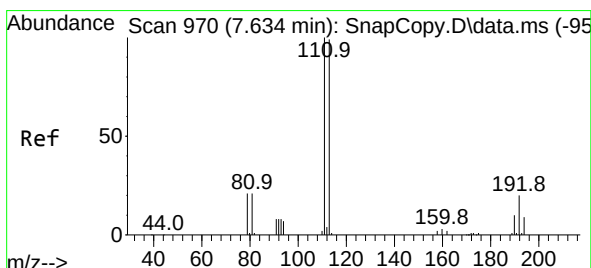
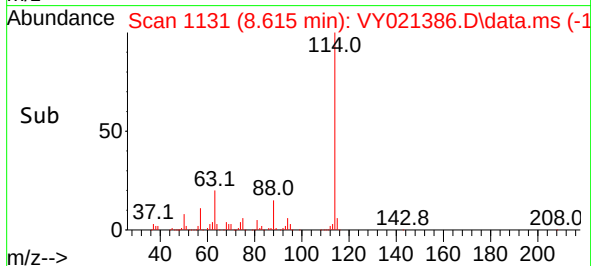
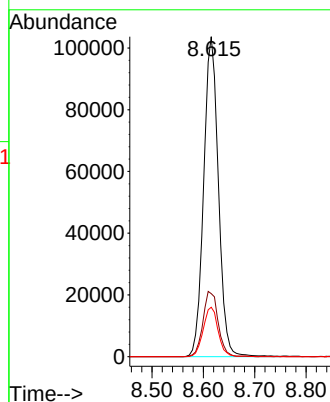
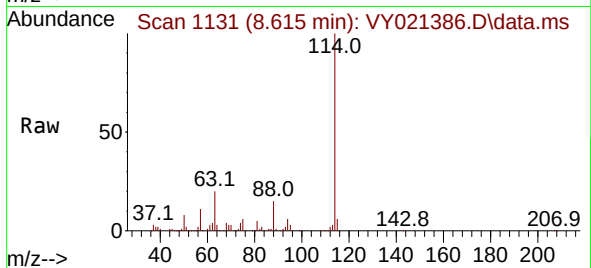
Tgt Ion:114 Resp: 206049

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.2

88 15.5 0.0 29.8



#35

Dibromofluoromethane

Concen: 55.805 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY021386.D

Acq: 28 Feb 2025 17:28

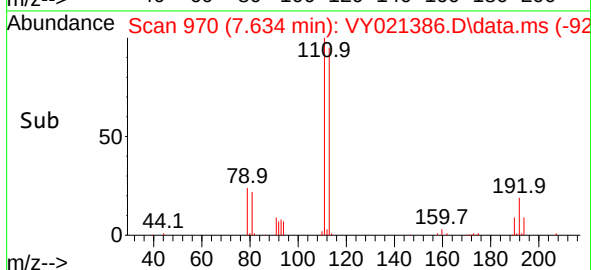
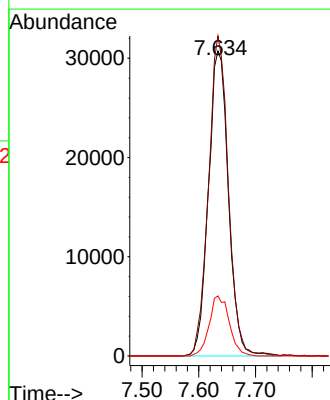
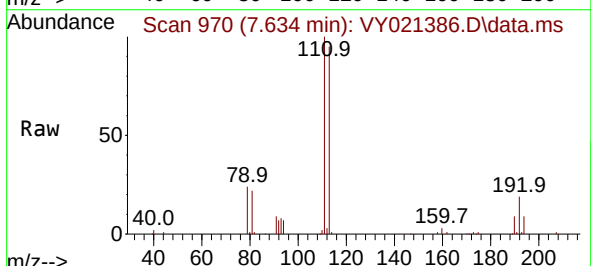
Tgt Ion:113 Resp: 75385

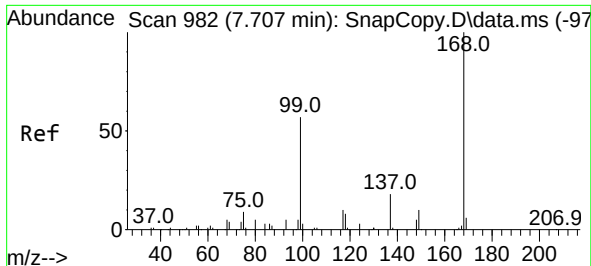
Ion Ratio Lower Upper

113 100

111 103.8 81.0 121.6

192 19.7 15.8 23.8

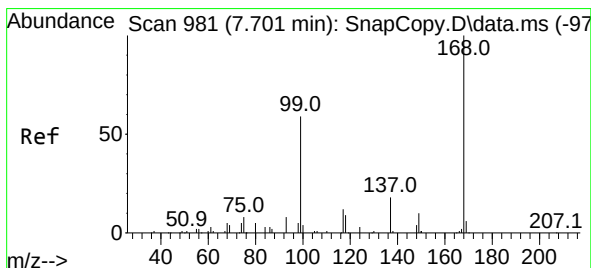
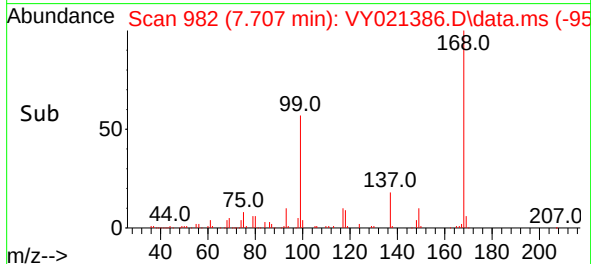
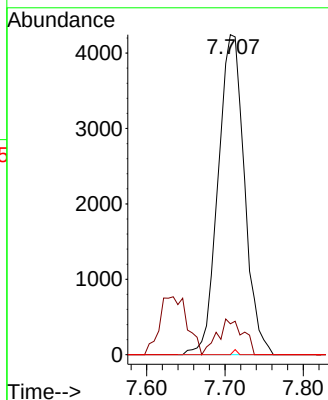
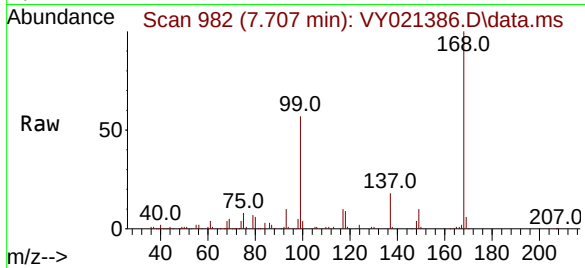




#36
 1,1-Dichloropropene
 Concen: 4.885 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY021386.D
 Acq: 28 Feb 2025 17:28

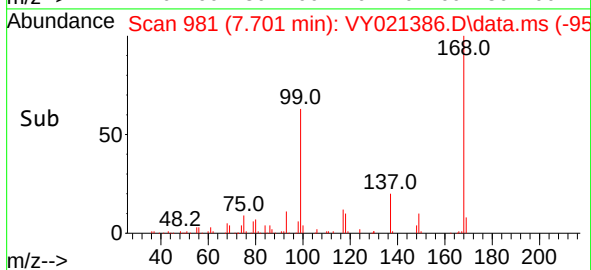
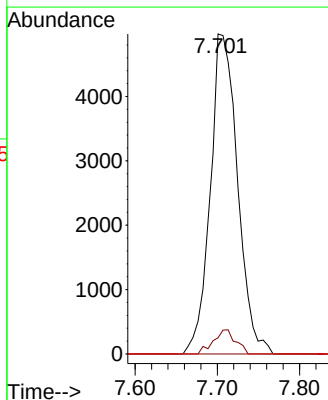
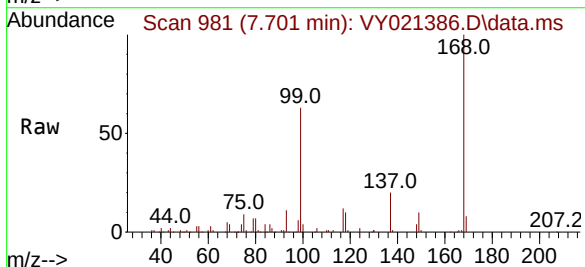
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-022625

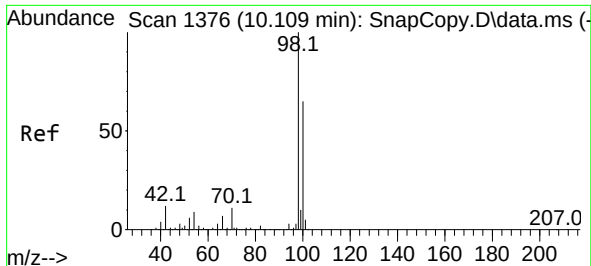
Tgt Ion:	75	Resp:	9912
Ion	Ratio	Lower	Upper
75	100		
110	10.7	16.9	50.7#
77	0.3	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.038 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.116 min
 Lab File: VY021386.D
 Acq: 28 Feb 2025 17:28

Tgt Ion:	117	Resp:	11493
Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.0	114.0#
121	0.0	24.9	37.3#

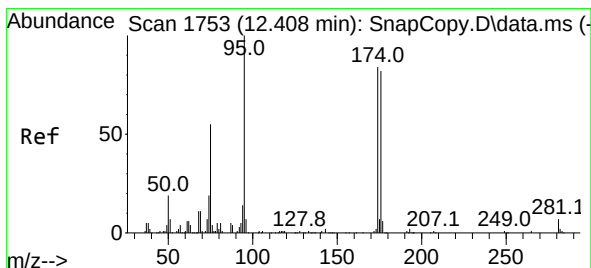
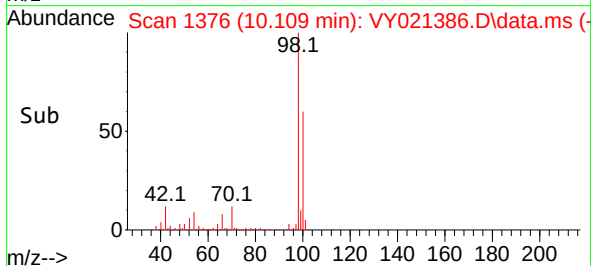
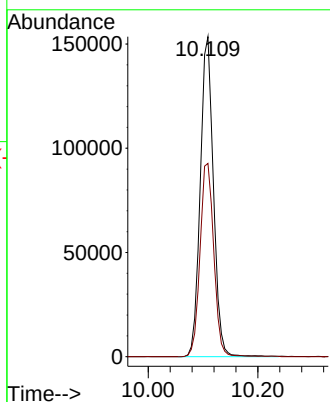
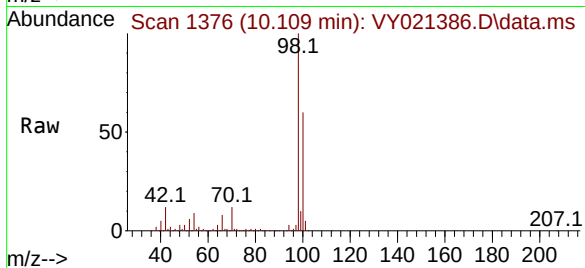




#50
Toluene-d8
Concen: 49.003 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021386.D
Acq: 28 Feb 2025 17:28

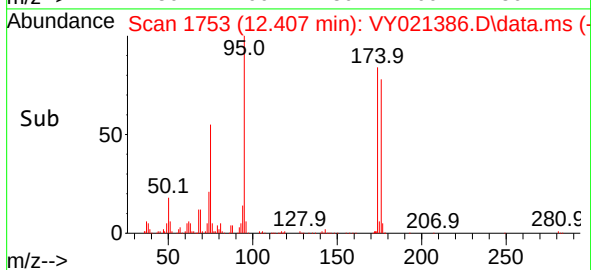
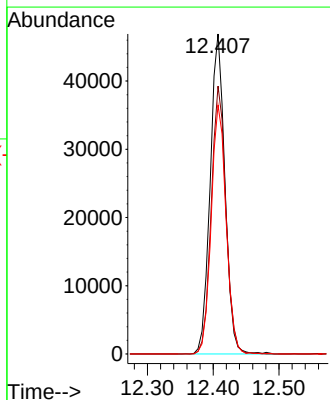
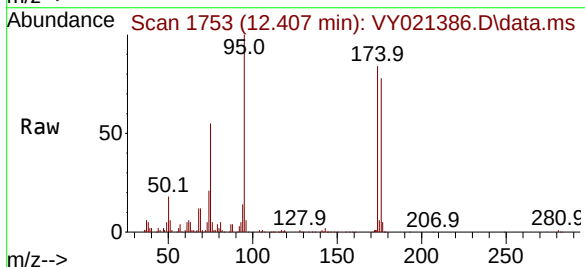
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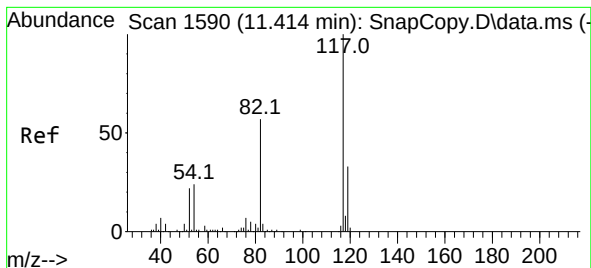
Tgt Ion: 98 Resp: 255833
Ion Ratio Lower Upper
98 100
100 63.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.704 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021386.D
Acq: 28 Feb 2025 17:28

Tgt Ion: 95 Resp: 73275
Ion Ratio Lower Upper
95 100
174 83.6 0.0 168.0
176 78.4 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021386.D

Acq: 28 Feb 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-022625

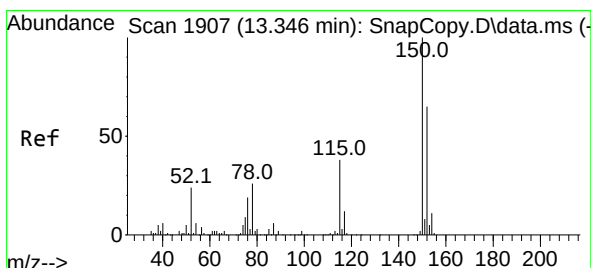
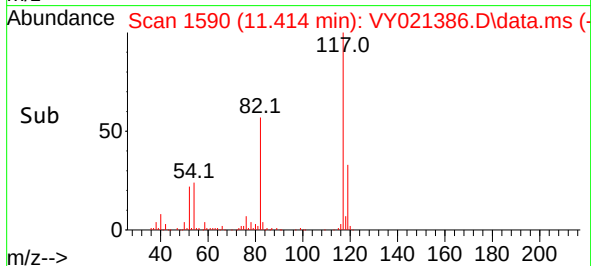
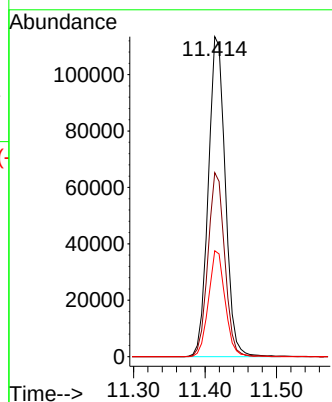
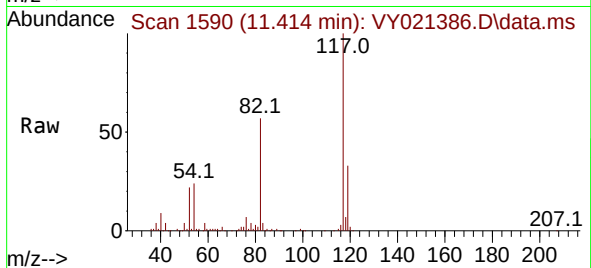
Tgt Ion:117 Resp: 186998

Ion Ratio Lower Upper

117 100

82 57.5 46.2 69.4

119 33.1 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021386.D

Acq: 28 Feb 2025 17:28

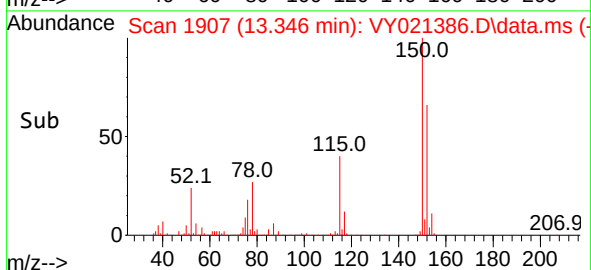
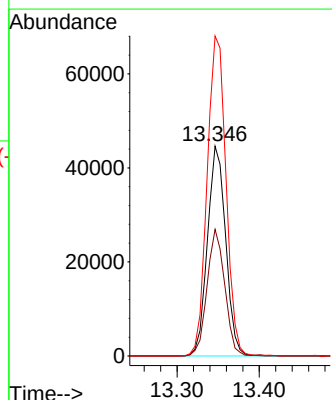
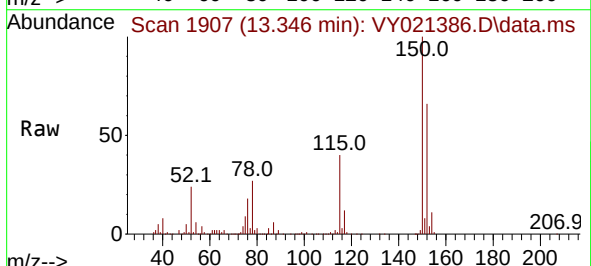
Tgt Ion:152 Resp: 68830

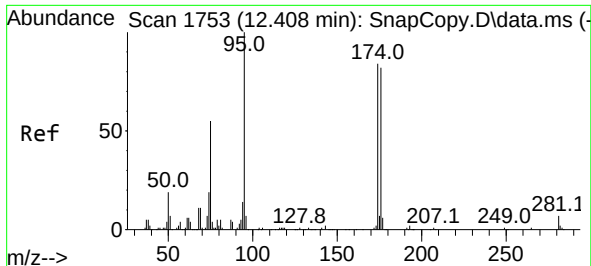
Ion Ratio Lower Upper

152 100

115 58.5 29.3 88.0

150 157.6 0.0 347.4

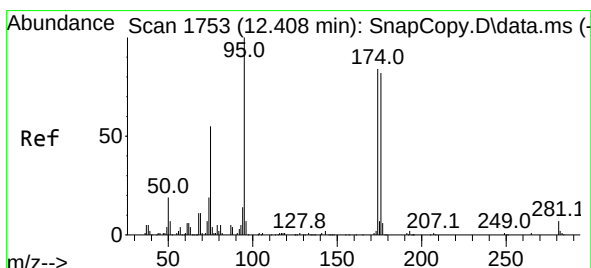
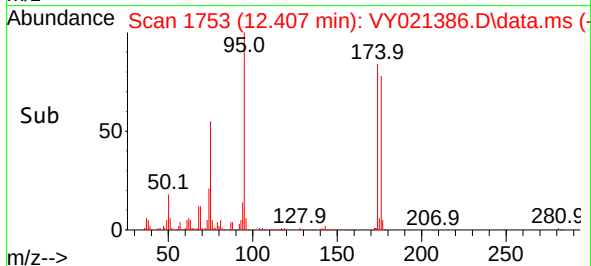
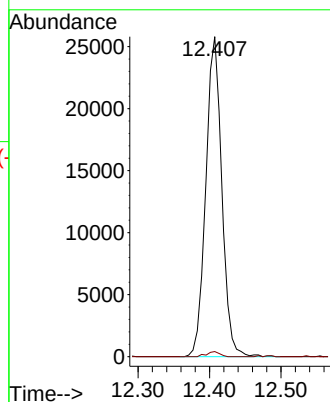
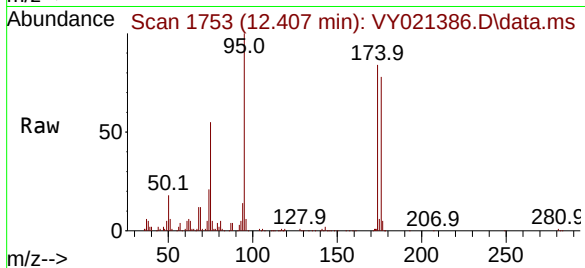




#76
 1,2,3-Trichloropropane
 Concen: 58.246 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.153 min
 Lab File: VY021386.D
 Acq: 28 Feb 2025 17:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-022625

Tgt Ion: 75 Resp: 40129
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.461 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. 0.103 min
 Lab File: VY021386.D
 Acq: 28 Feb 2025 17:28

Tgt Ion: 75 Resp: 40129
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.0 35.6 53.4#

