

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021383.D
 Acq On : 28 Feb 2025 16:18
 Operator : SY/MD
 Sample : Q1448-02
 Misc : 6.87g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P1RE

Quant Time: Feb 28 22:21:38 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)

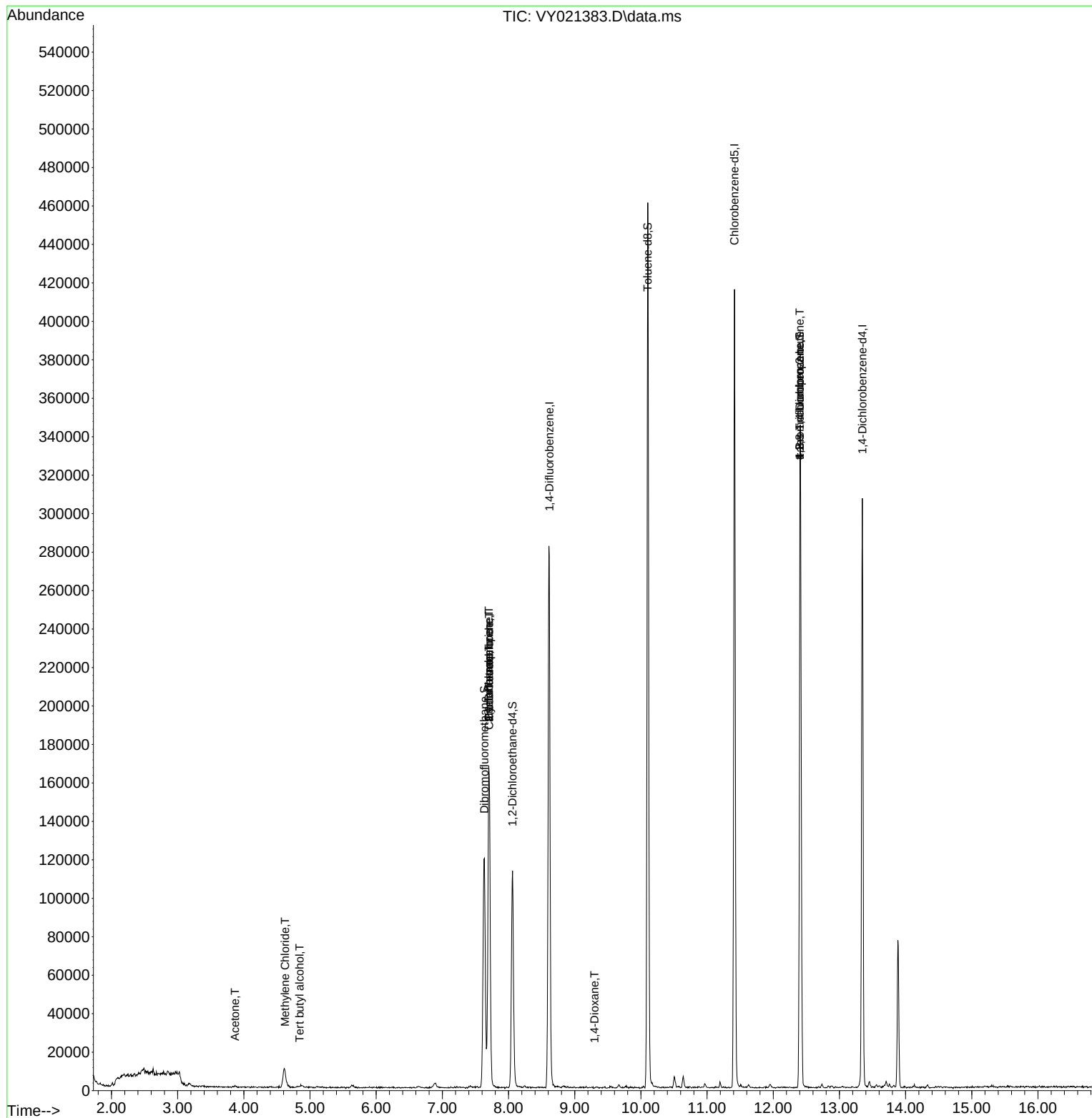
Internal Standards						
1) Pentafluorobenzene	7.701	168	128523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	234842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	209615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	75987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	88399	60.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.260%
35) Dibromofluoromethane	7.634	113	85169	55.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.640%
50) Toluene-d8	10.103	98	285341	47.954	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.402	95	82379	41.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	291	2.595	ug/l #	93
16) Acetone	3.866	43	826	2.953	ug/l #	77
20) Methylene Chloride	4.622	84	6981	4.616	ug/l #	78
31) Cyclohexane	7.701	56	3180	1.237	ug/l #	26
36) 1,1-Dichloropropene	7.701	75	11374	4.918	ug/l #	51
38) Carbon Tetrachloride	7.707	117	13816	5.314	ug/l #	16
49) 1,4-Dioxane	9.298	88	20	2.000	ug/l #	20
76) 1,2,3-Trichloropropane	12.402	75	45507	59.831	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	45507	132.983	ug/l #	11

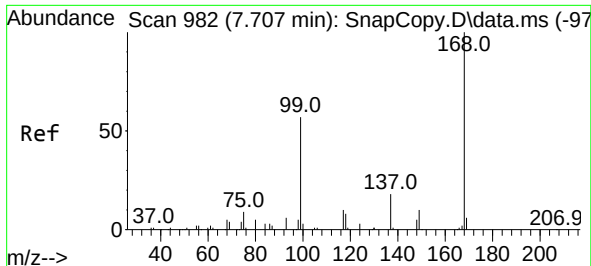
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

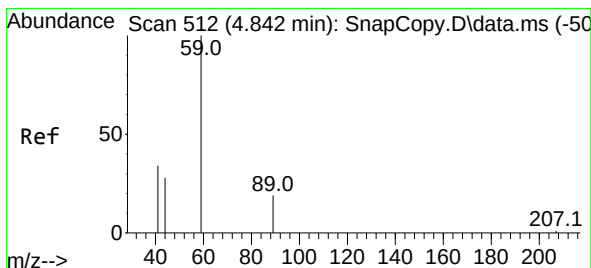
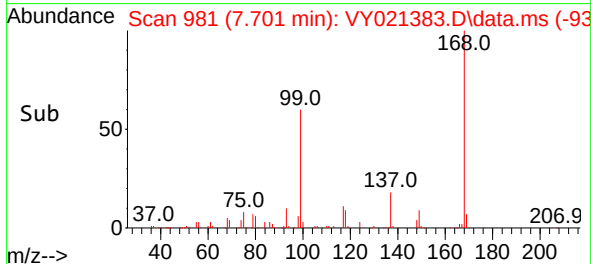
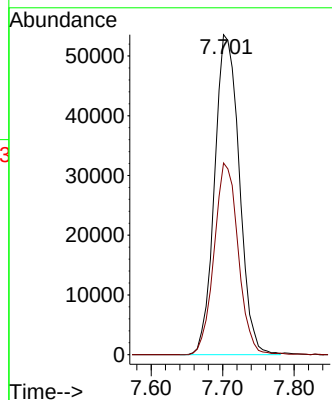
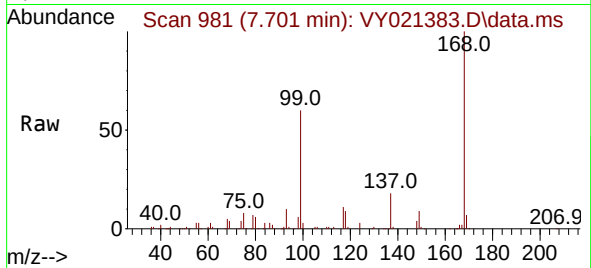




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

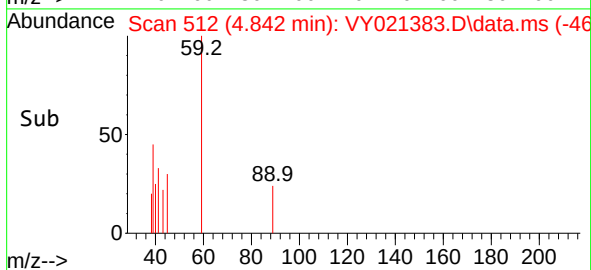
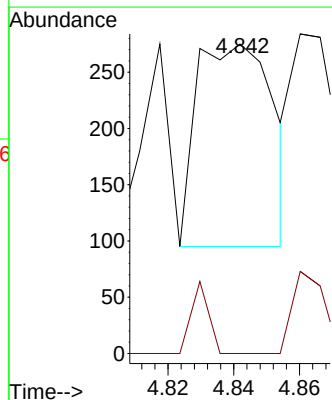
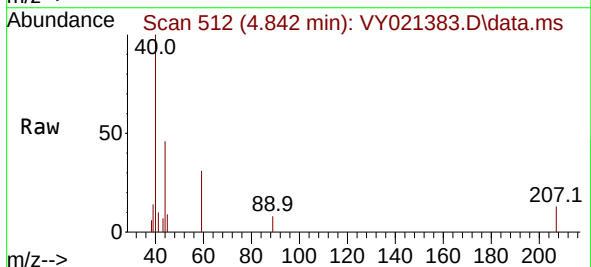
Instrument :
MSVOA_Y
ClientSampleId :
P1RE

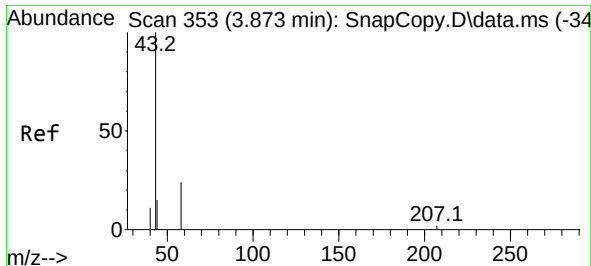
Tgt Ion:168 Resp: 128523
Ion Ratio Lower Upper
168 100
99 59.9 47.1 70.7



#11
Tert butyl alcohol
Concen: 2.595 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

Tgt Ion: 59 Resp: 291
Ion Ratio Lower Upper
59 100
57 7.9 8.3 12.5#

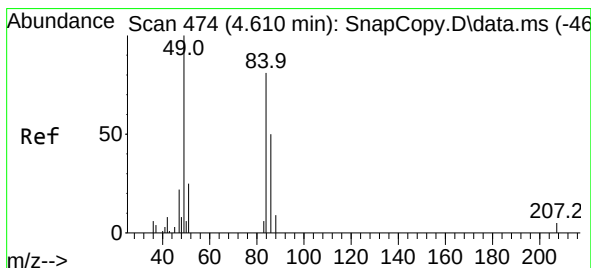
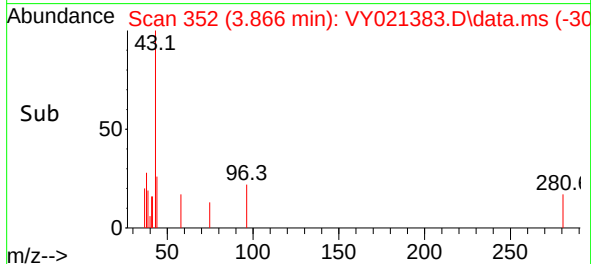
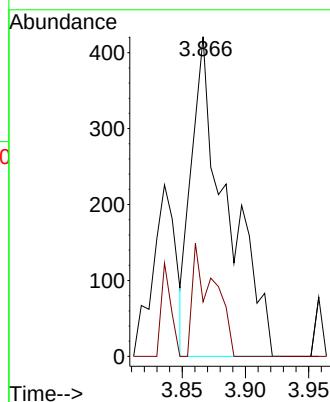
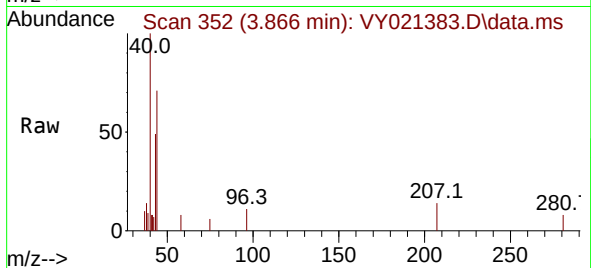




#16
Acetone
Concen: 2.953 ug/l
RT: 3.866 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

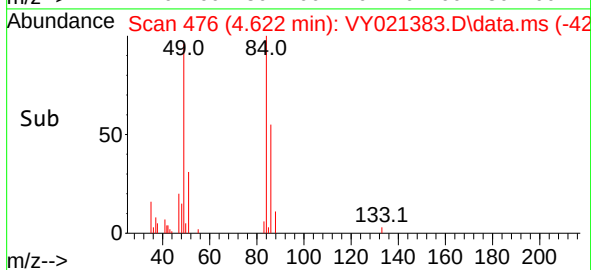
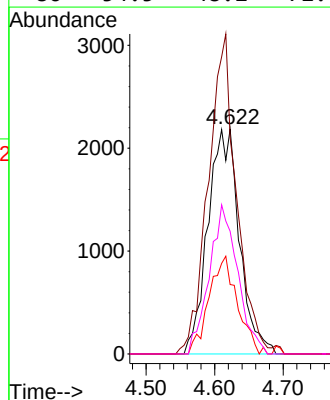
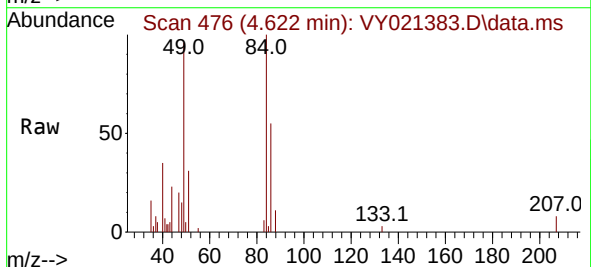
Instrument :
MSVOA_Y
ClientSampleId :
P1RE

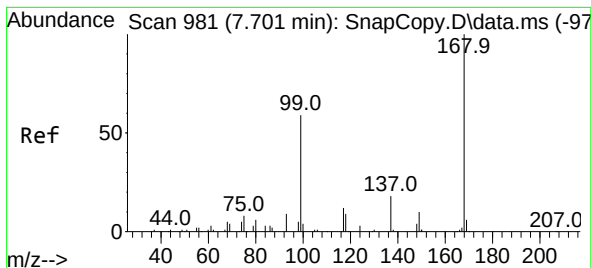
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 17.1 23.5 35.3#



#20
Methylene Chloride
Concen: 4.616 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

Tgt Ion: 84 Resp: 6981
Ion Ratio Lower Upper
84 100
49 93.8 105.1 157.7#
51 30.9 31.0 46.4#
86 54.5 48.2 72.4





#31

Cyclohexane

Concen: 1.237 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY021383.D

Acq: 28 Feb 2025 16:18

Instrument :

MSVOA_Y

ClientSampleId :

P1RE

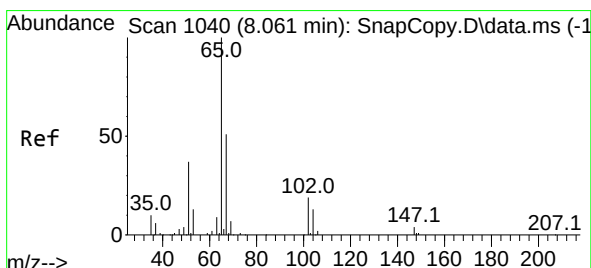
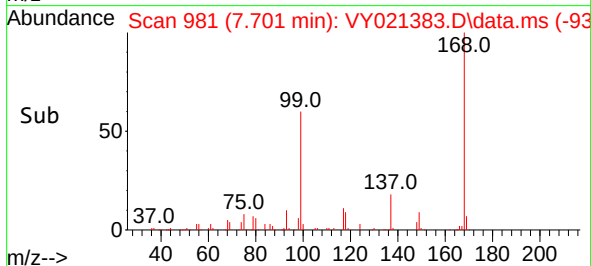
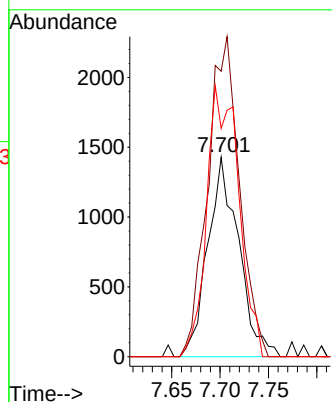
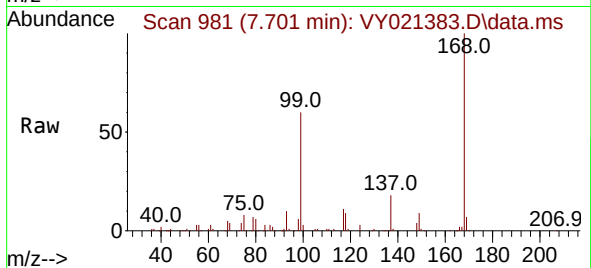
Tgt Ion: 56 Resp: 3180

Ion Ratio Lower Upper

56 100

69 143.2 26.2 39.4#

84 114.5 70.2 105.4#



#33

1,2-Dichloroethane-d4

Concen: 60.631 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021383.D

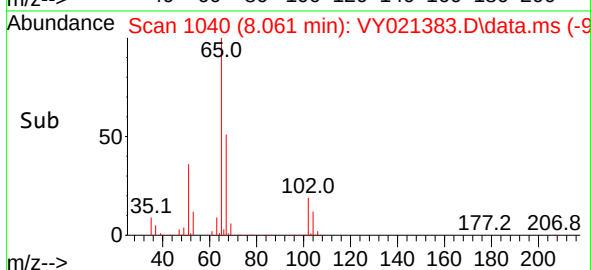
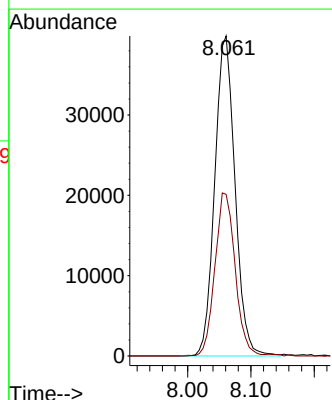
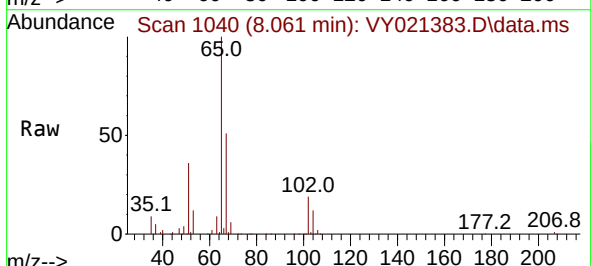
Acq: 28 Feb 2025 16:18

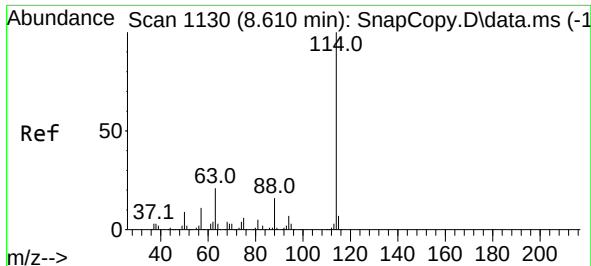
Tgt Ion: 65 Resp: 88399

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY021383.D

Acq: 28 Feb 2025 16:18

Instrument :

MSVOA_Y

ClientSampleId :

P1RE

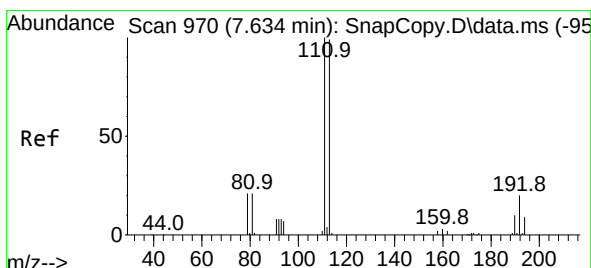
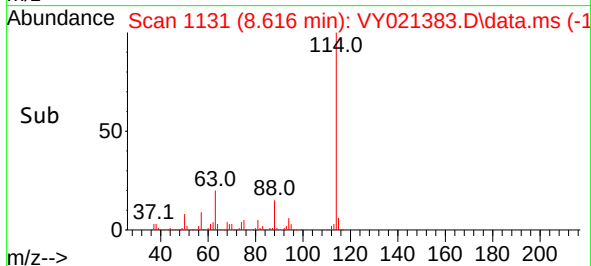
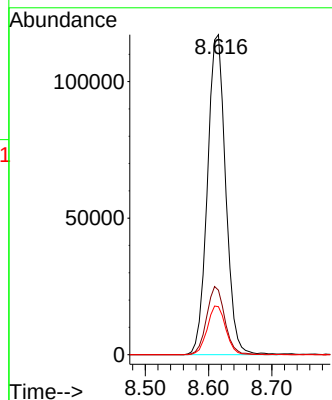
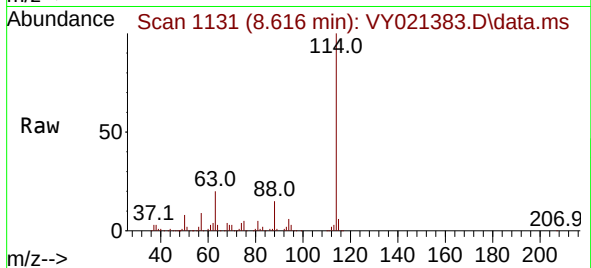
Tgt Ion:114 Resp: 234842

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.2

88 15.0 0.0 29.8



#35

Dibromofluoromethane

Concen: 55.317 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021383.D

Acq: 28 Feb 2025 16:18

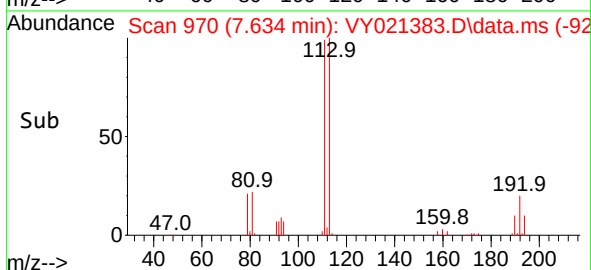
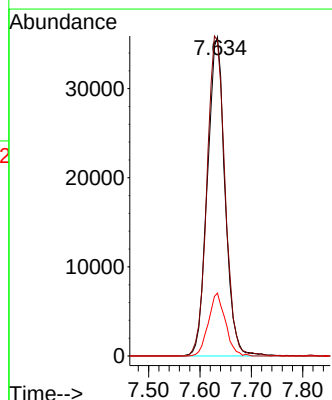
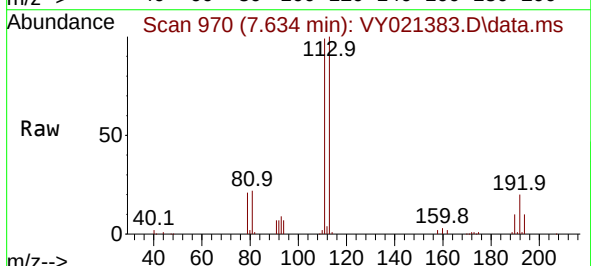
Tgt Ion:113 Resp: 85169

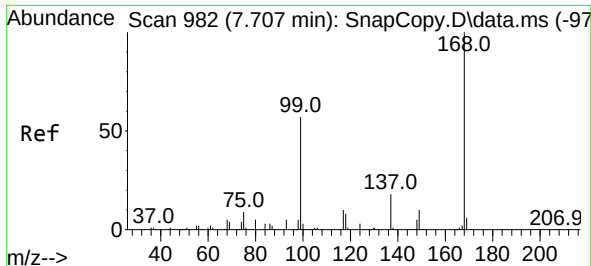
Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.6

192 19.1 15.8 23.8

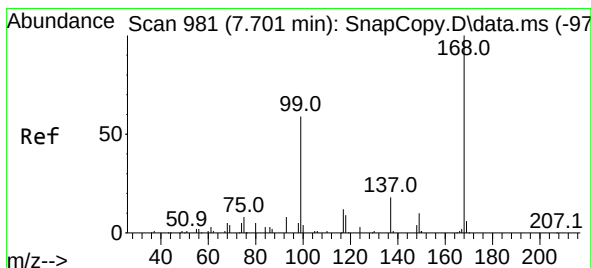
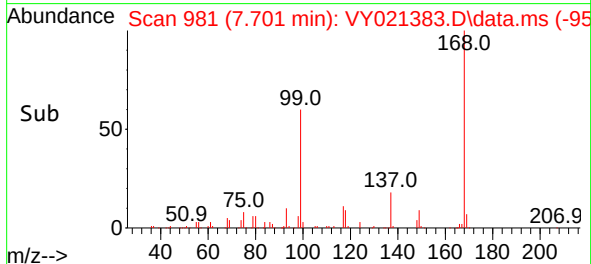
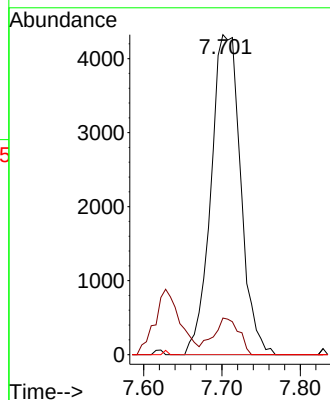
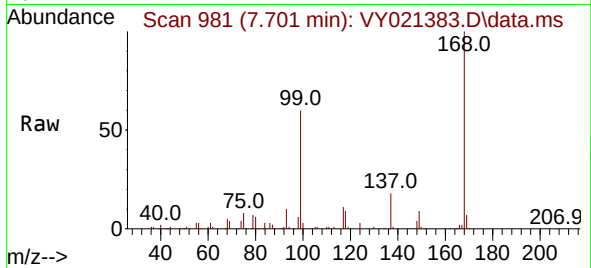




#36
 1,1-Dichloropropene
 Concen: 4.918 ug/l
 RT: 7.701 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY021383.D
 Acq: 28 Feb 2025 16:18

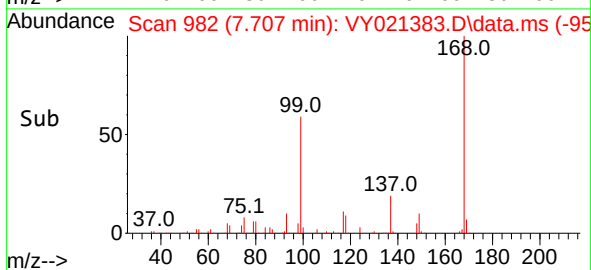
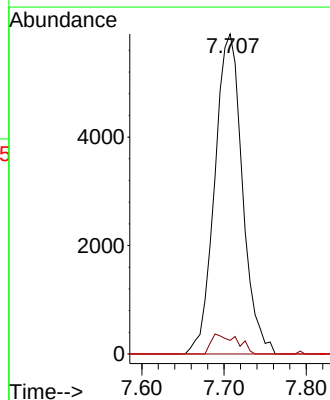
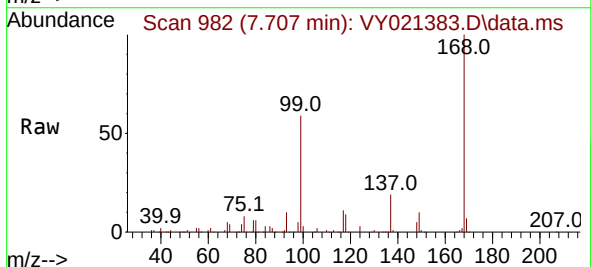
Instrument :
 MSVOA_Y
 ClientSampleId :
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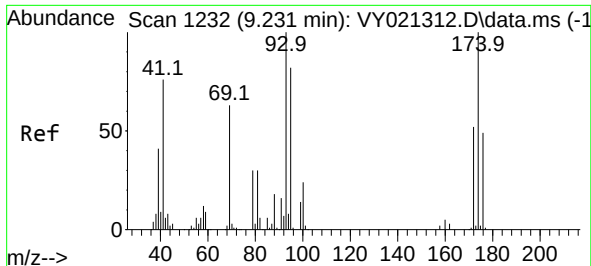
Tgt Ion: 75 Resp: 11374
 Ion Ratio Lower Upper
 75 100
 110 9.9 16.9 50.7#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.314 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY021383.D
 Acq: 28 Feb 2025 16:18

Tgt Ion: 117 Resp: 13816
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.0 114.0#
 121 0.0 24.9 37.3#





#49

1,4-Dioxane

Concen: 2.000 ug/l

RT: 9.298 min Scan# 11

Delta R.T. 0.067 min

Lab File: VY021383.D

Acq: 28 Feb 2025 16:18

Instrument :

MSVOA_Y

ClientSampleId :

P1RE

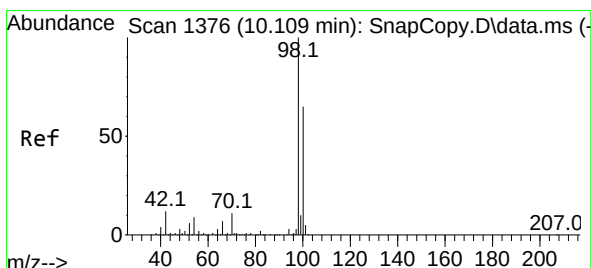
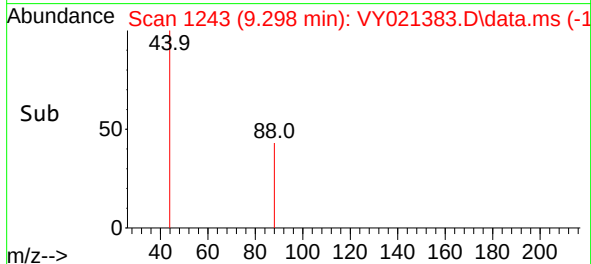
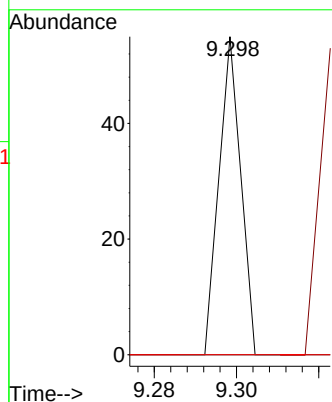
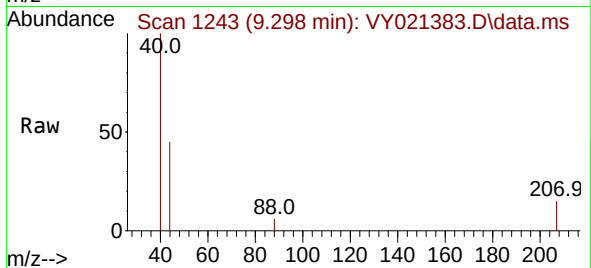
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 34.8 52.2#

58 0.0 59.8 89.6#



#50

Toluene-d8

Concen: 47.954 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021383.D

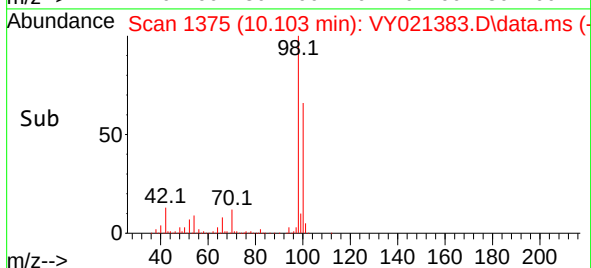
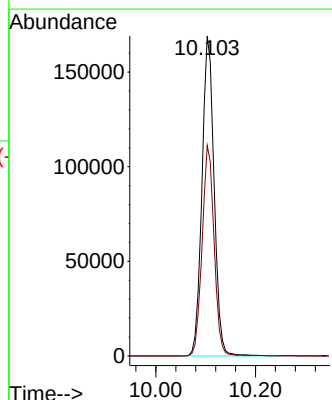
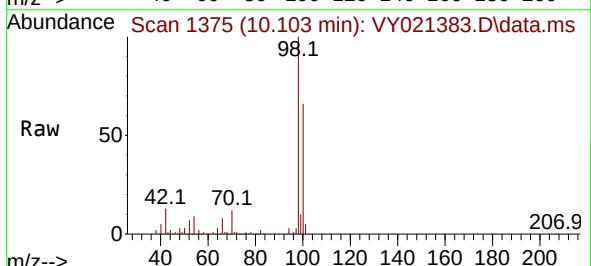
Acq: 28 Feb 2025 16:18

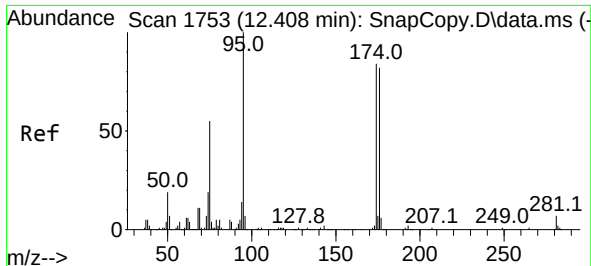
Tgt Ion: 98 Resp: 285341

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6

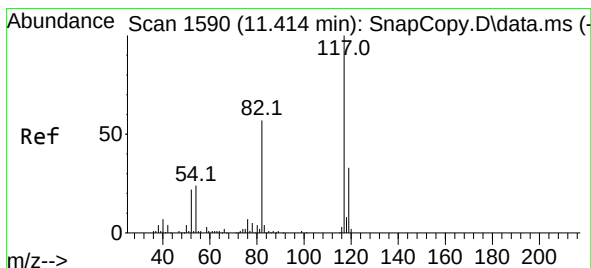
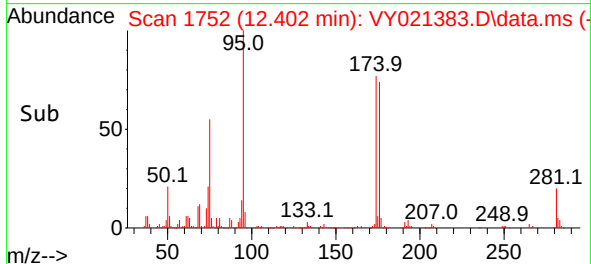
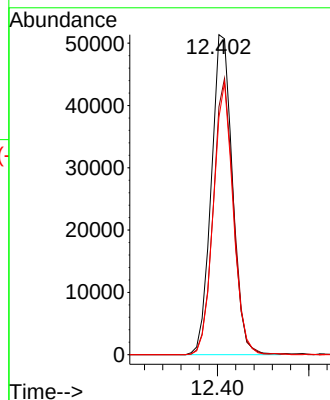
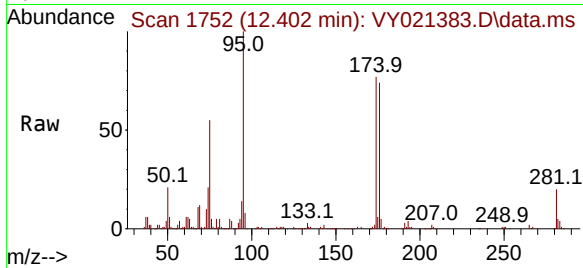




#62
4-Bromofluorobenzene
Concen: 41.137 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

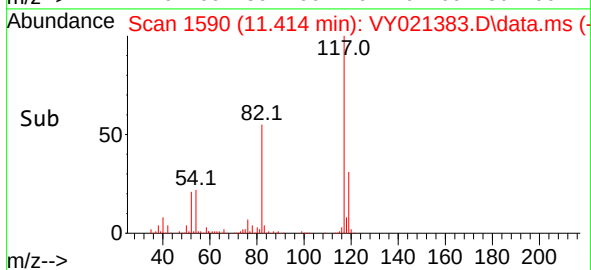
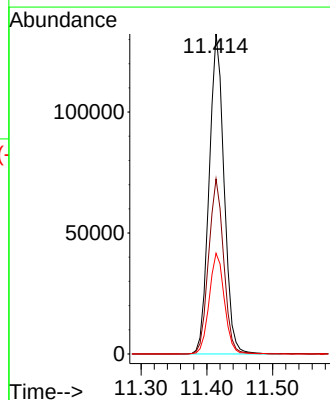
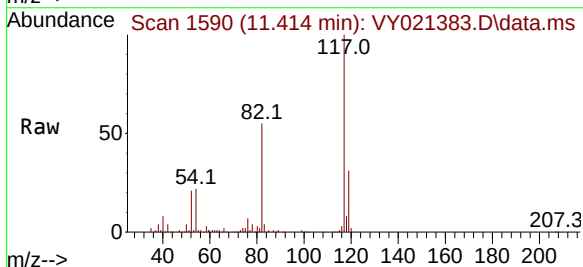
Instrument :
MSVOA_Y
ClientSampleId :
P1RE

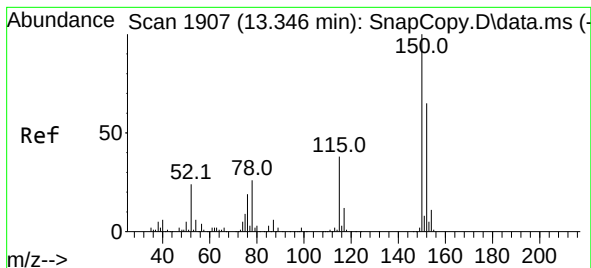
Tgt Ion: 95 Resp: 82379
Ion Ratio Lower Upper
95 100
174 82.9 0.0 168.0
176 79.8 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

Tgt Ion: 117 Resp: 209615
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.4 24.9 37.3

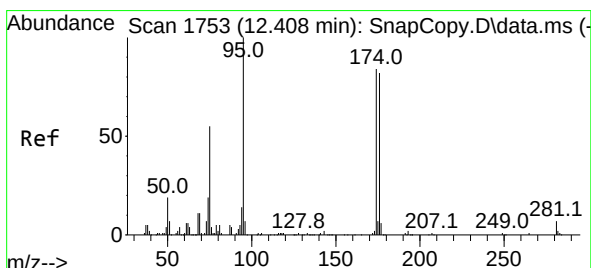
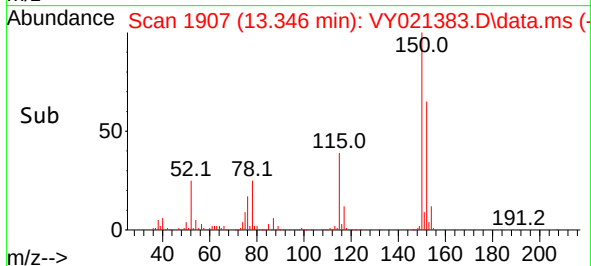
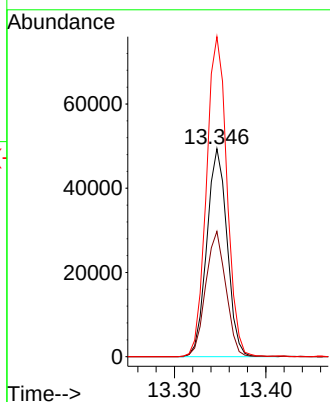
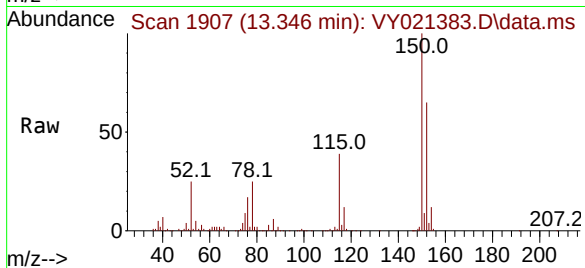




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

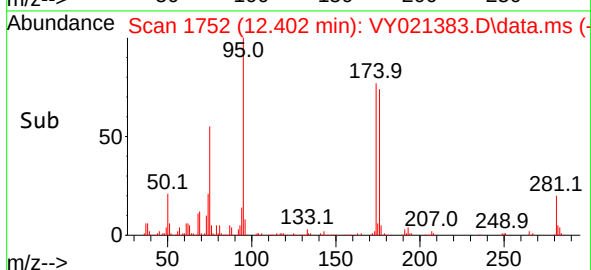
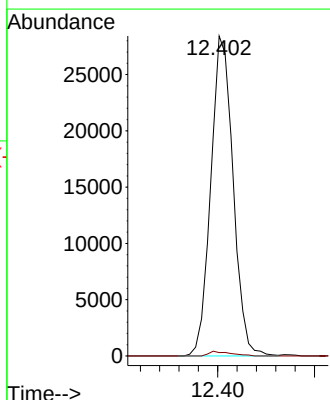
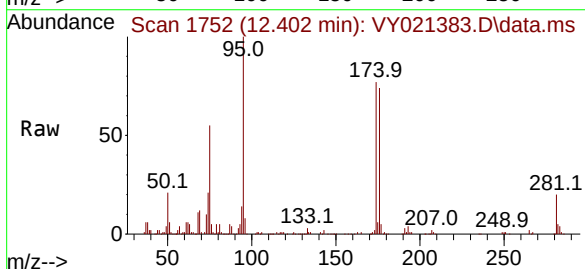
Instrument :
MSVOA_Y
ClientSampleId :
P1RE

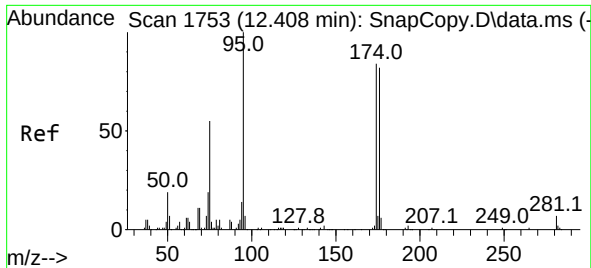
Tgt Ion:	152	Resp:	75987
Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.3	88.0
150	155.3	0.0	347.4



#76
1,2,3-Trichloropropane
Concen: 59.831 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

Tgt Ion:	75	Resp:	45507
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.983 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY021383.D
 Acq: 28 Feb 2025 16:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 P1RE

Tgt Ion:	75	Resp:	45507
Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.1	118.7#
89	0.9	35.6	53.4#

