

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021760.D
 Acq On : 02 Apr 2025 15:18
 Operator : SY/MD
 Sample : Q1693-11
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TP-1-VOC

Quant Time: Apr 03 03:36:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

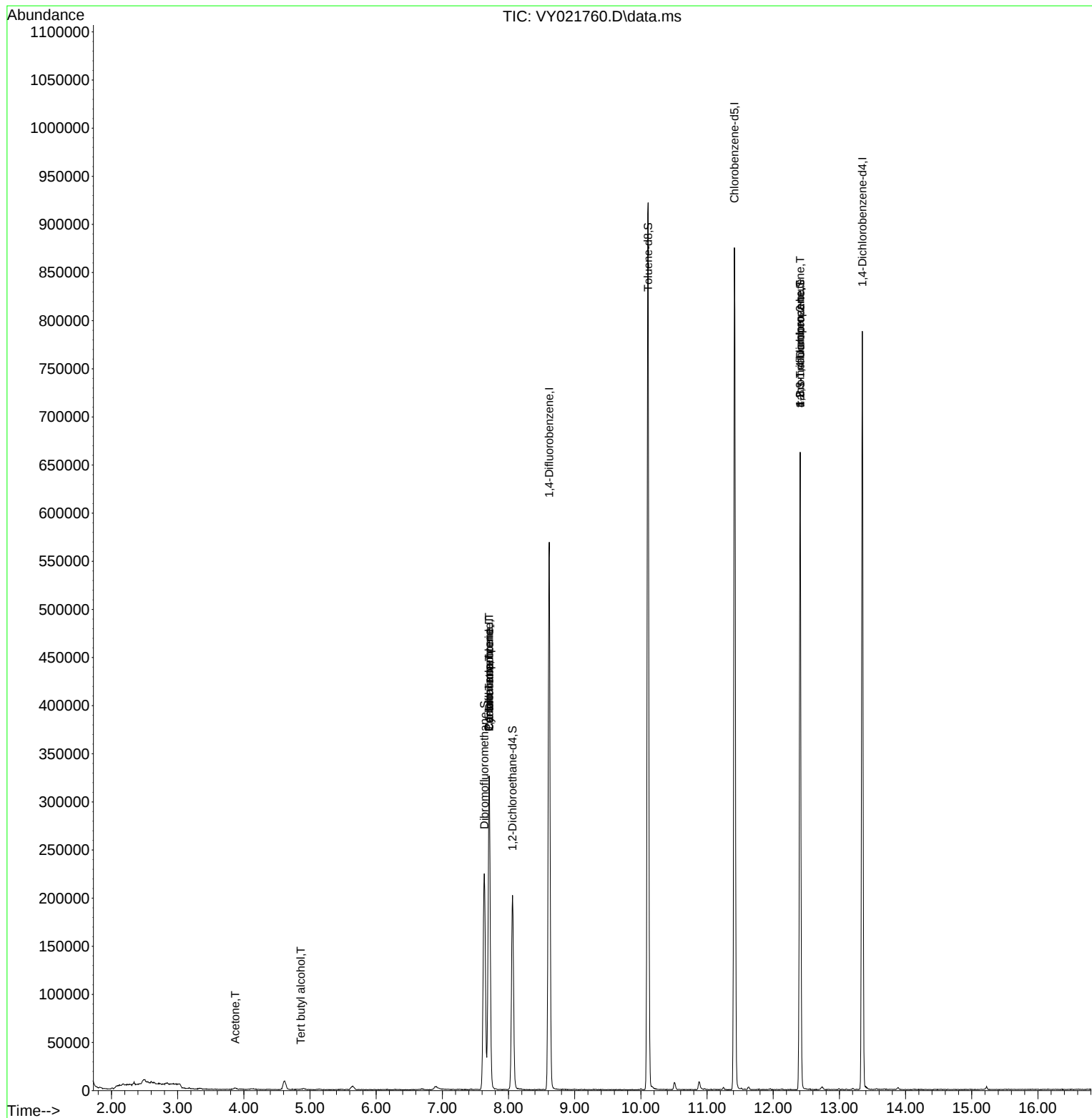
Internal Standards						
1) Pentafluorobenzene	7.707	168	240135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	465431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	450599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	188129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	162970	62.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.280%	
35) Dibromofluoromethane	7.634	113	160084	53.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.040%	
50) Toluene-d8	10.109	98	584945	50.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	12.408	95	193007	49.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.360%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.860	59	246	1.456	ug/l #	70
16) Acetone	3.873	43	2552	4.793	ug/l	93
20) Methylene Chloride	4.616	84	6291	Below Cal		95
31) Cyclohexane	7.707	56	5797	1.262	ug/l #	21
36) 1,1-Dichloropropene	7.707	75	20328	4.420	ug/l #	51
38) Carbon Tetrachloride	7.707	117	25076	4.761	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	102896	55.177	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	102896	127.137	ug/l #	12

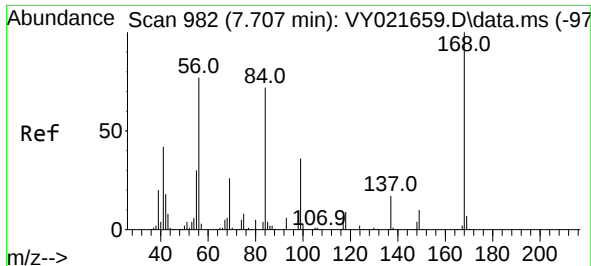
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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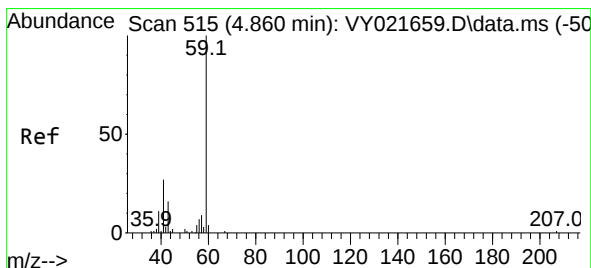
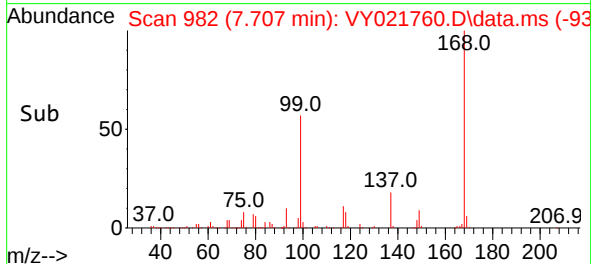
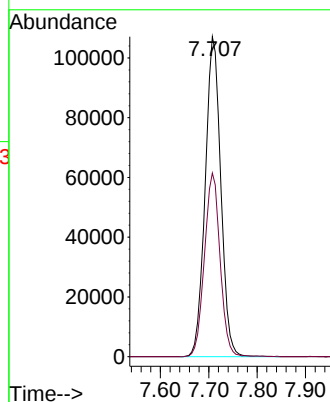
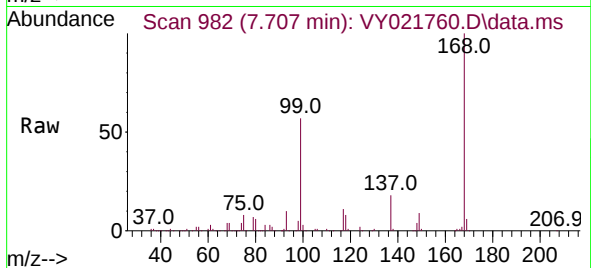




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

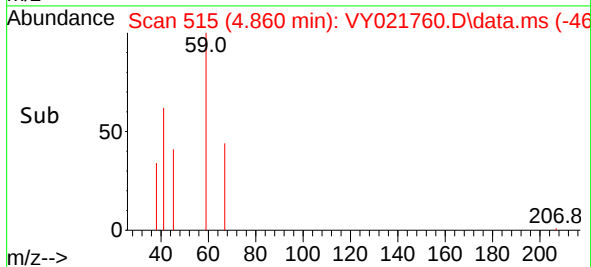
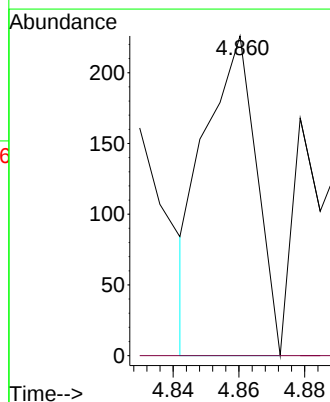
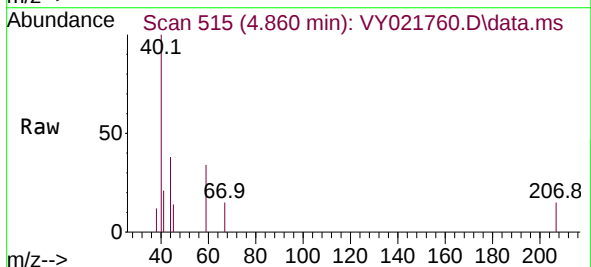
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-1-VOC

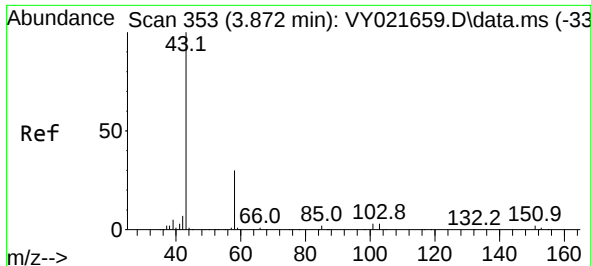
Tgt Ion:168 Resp: 240135
Ion Ratio Lower Upper
168 100
99 57.4 46.7 70.1



#11
Tert butyl alcohol
Concen: 1.456 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

Tgt Ion: 59 Resp: 246
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#

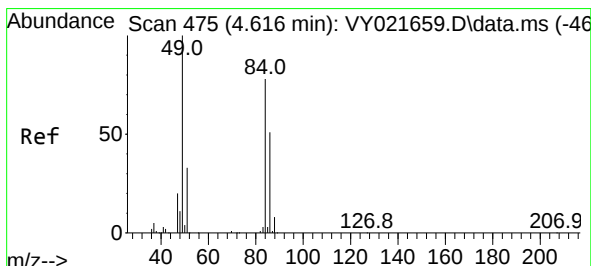
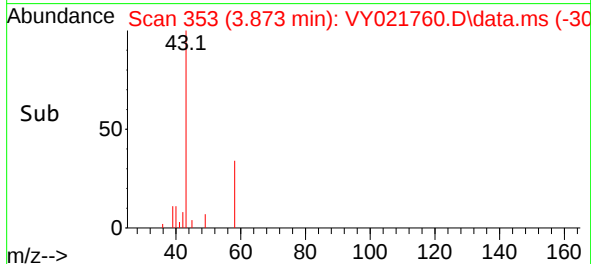
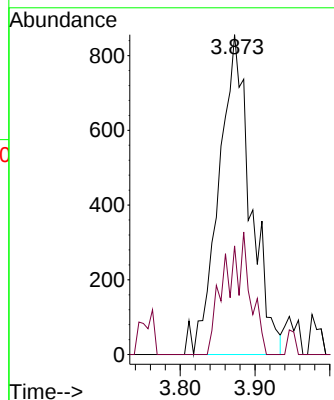
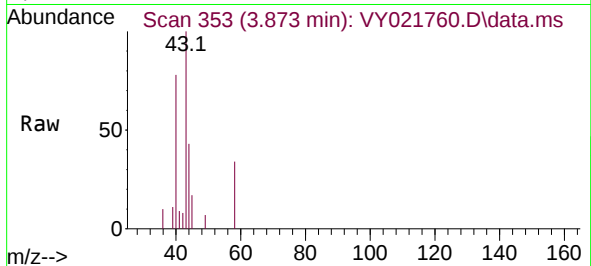




#16
Acetone
Concen: 4.793 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

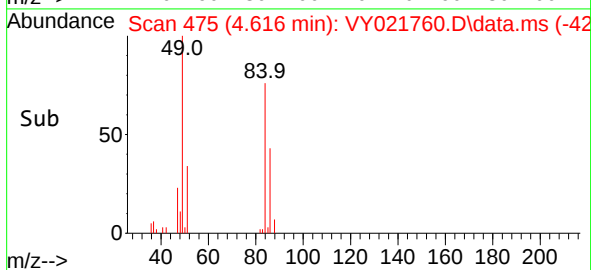
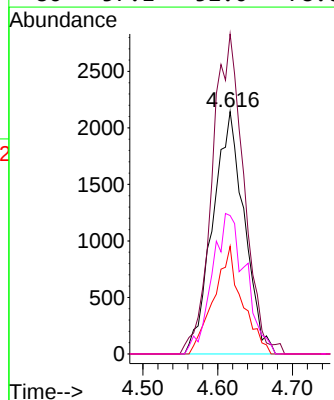
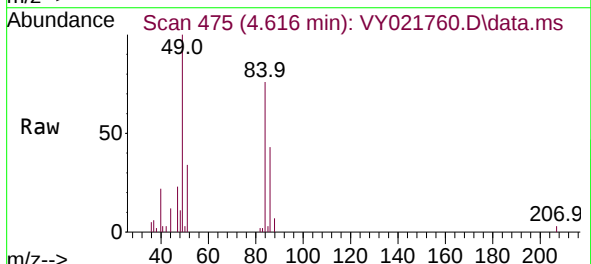
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-1-VOC

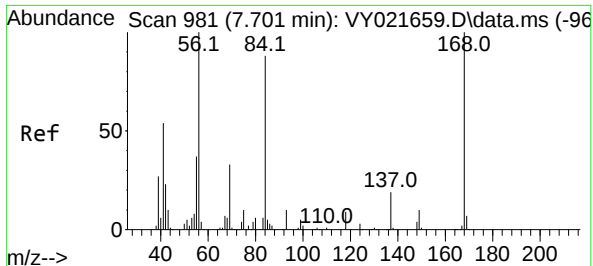
Tgt Ion: 43 Resp: 2552
Ion Ratio Lower Upper
43 100
58 34.0 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

Tgt Ion: 84 Resp: 6291
Ion Ratio Lower Upper
84 100
49 132.0 102.8 154.2
51 44.4 33.5 50.3
86 57.1 52.0 78.0

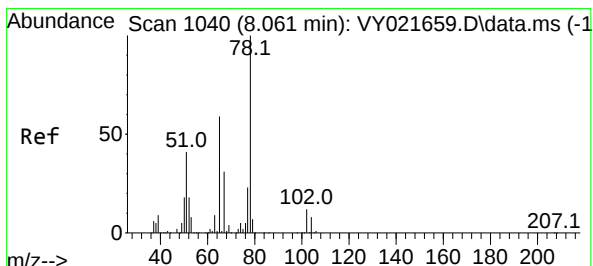
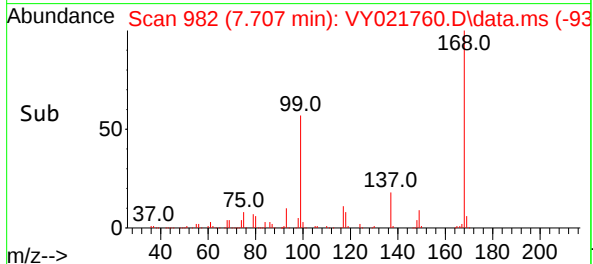
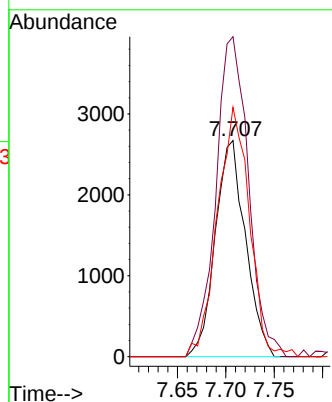
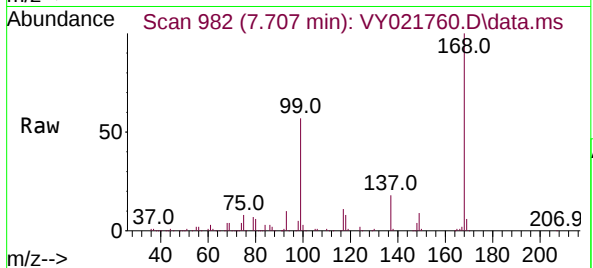




#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

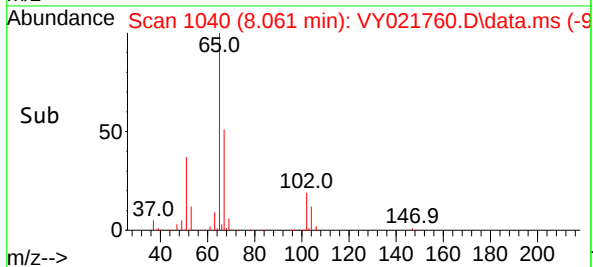
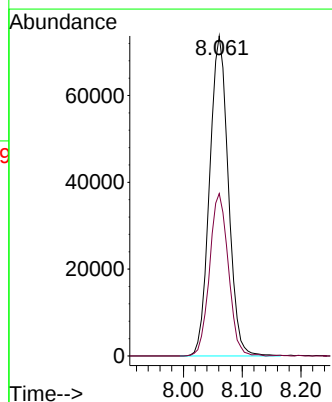
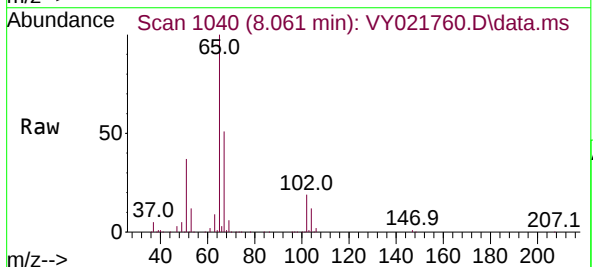
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-1-VOC

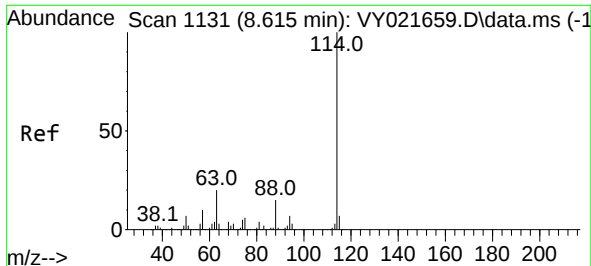
Tgt Ion: 56 Resp: 5797
Ion Ratio Lower Upper
56 100
69 148.0 26.6 40.0#
84 115.3 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 62.638 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

Tgt Ion: 65 Resp: 162970
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.6

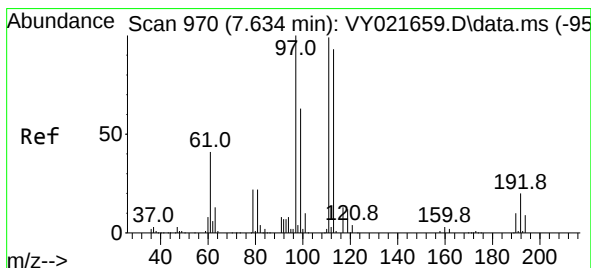
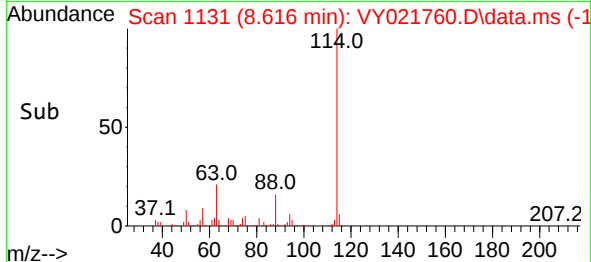
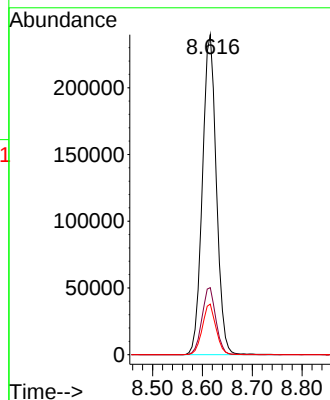
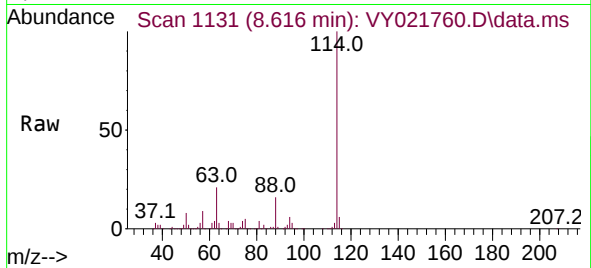




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

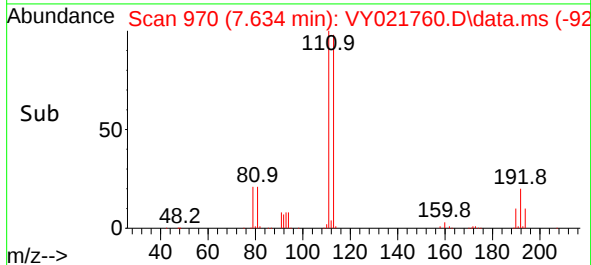
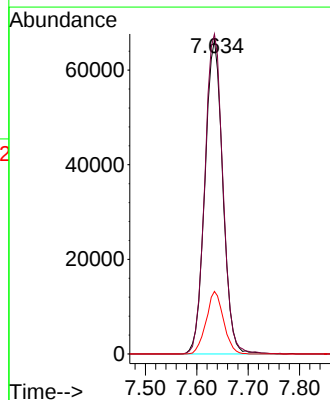
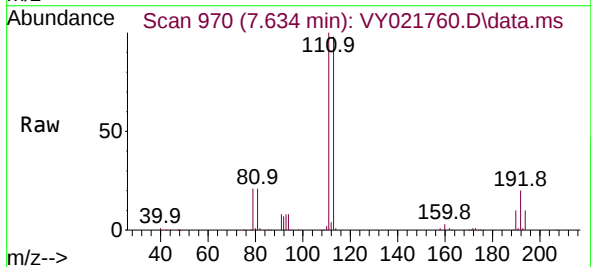
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-1-VOC

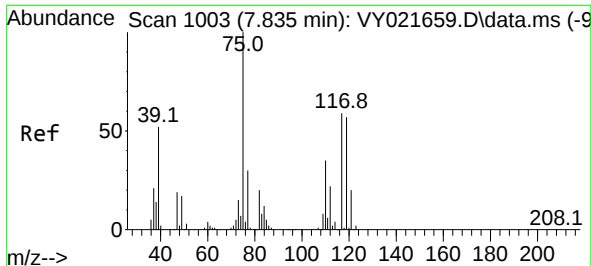
Tgt Ion:114 Resp: 465431
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.2
88 15.8 0.0 29.8



#35
Dibromofluoromethane
Concen: 53.022 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

Tgt Ion:113 Resp: 160084
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 19.4 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.420 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY021760.D

Acq: 02 Apr 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TP-1-VOC

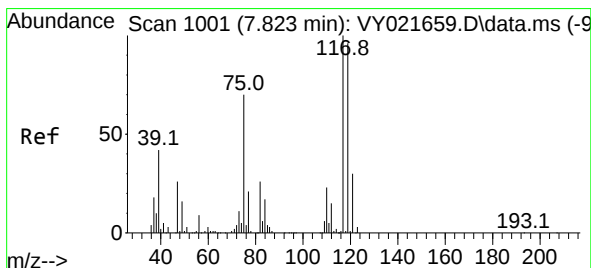
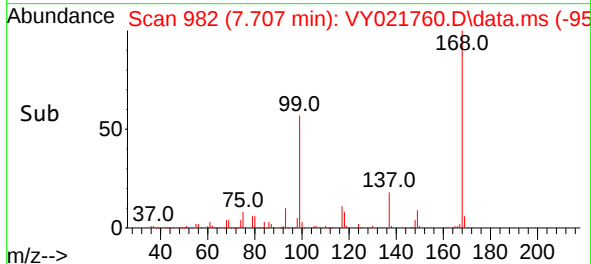
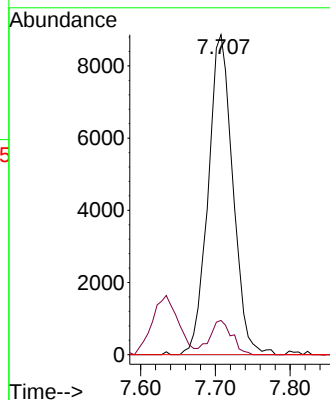
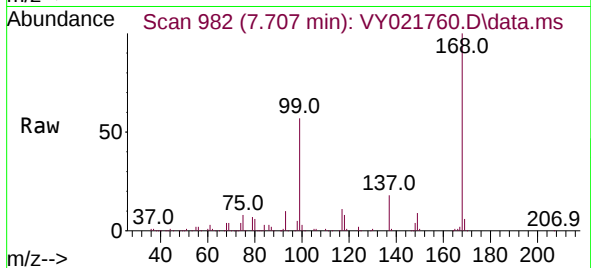
Tgt Ion: 75 Resp: 20328

Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 4.761 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY021760.D

Acq: 02 Apr 2025 15:18

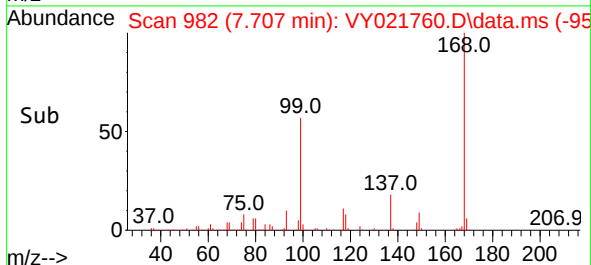
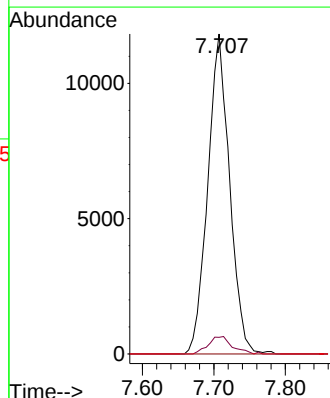
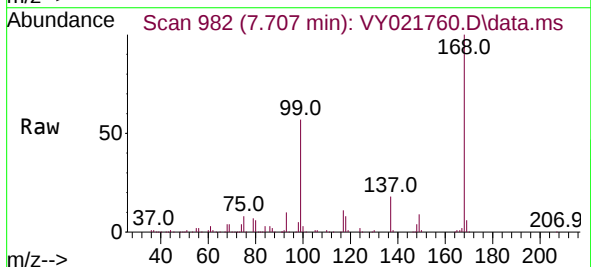
Tgt Ion: 117 Resp: 25076

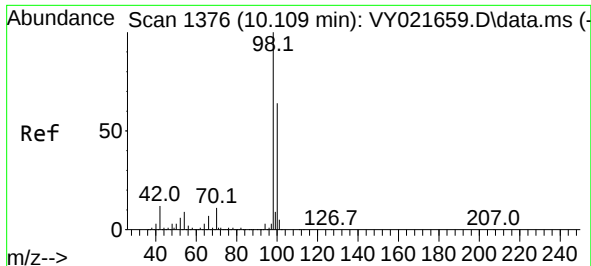
Ion Ratio Lower Upper

117 100

119 5.2 76.2 114.4#

121 0.0 24.2 36.4#

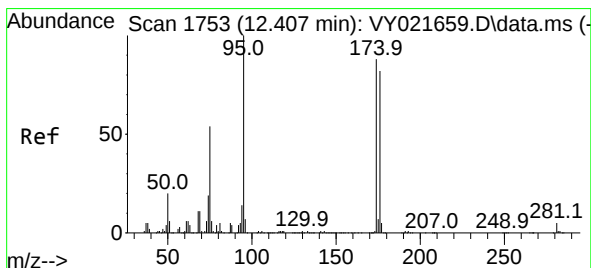
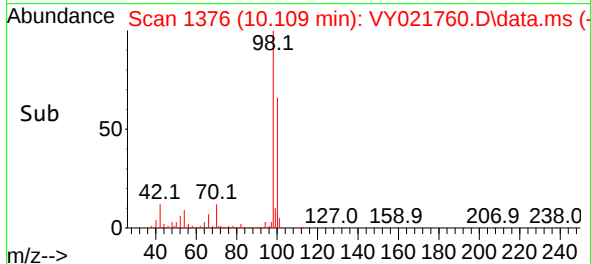
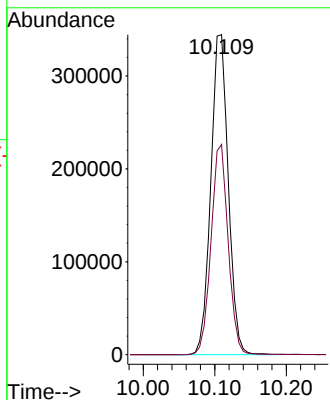
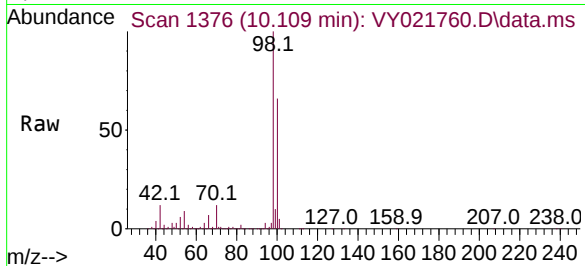




#50
Toluene-d8
Concen: 50.927 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

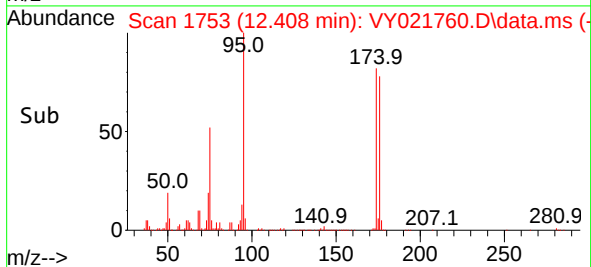
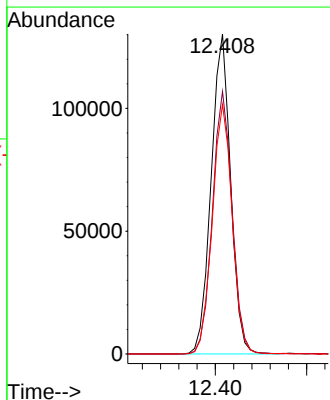
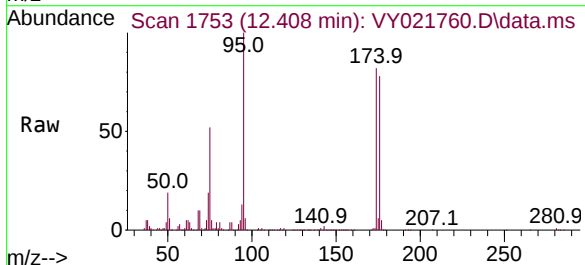
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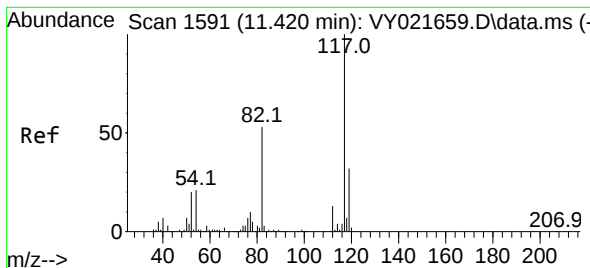
Tgt Ion: 98 Resp: 584945
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.679 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

Tgt Ion: 95 Resp: 193007
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.8
176 79.6 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021760.D

Acq: 02 Apr 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TP-1-VOC

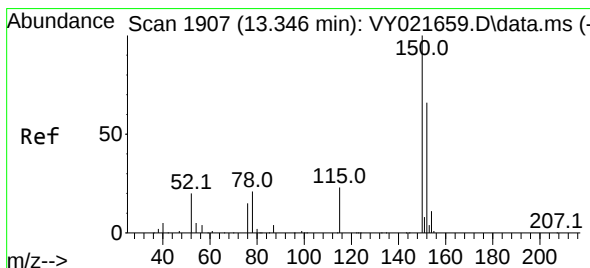
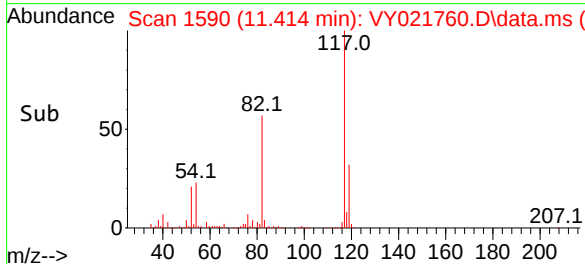
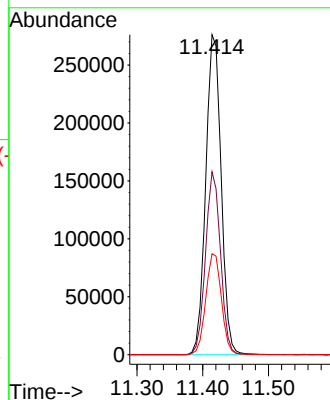
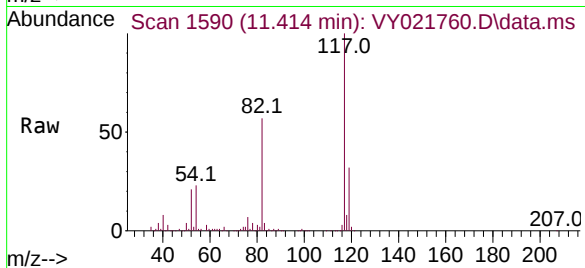
Tgt Ion:117 Resp: 450599

Ion Ratio Lower Upper

117 100

82 57.2 42.8 64.2

119 31.5 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021760.D

Acq: 02 Apr 2025 15:18

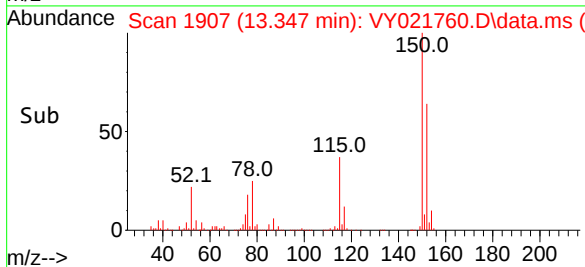
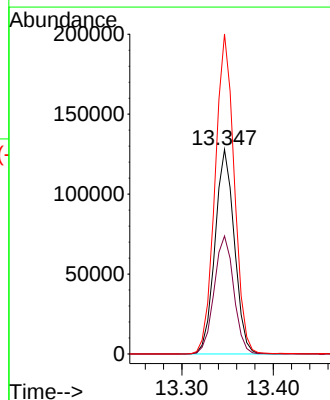
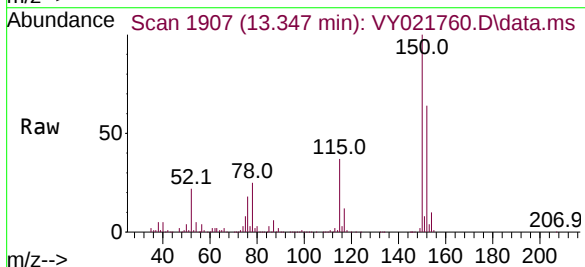
Tgt Ion:152 Resp: 188129

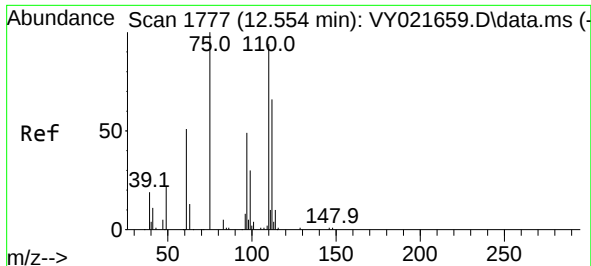
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 155.2 0.0 348.4

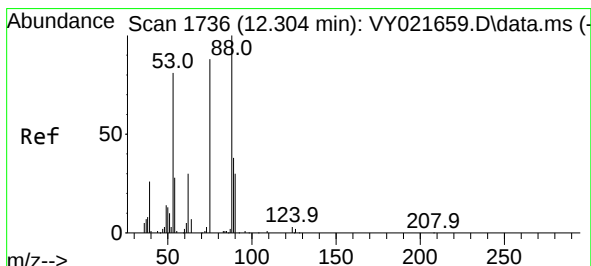
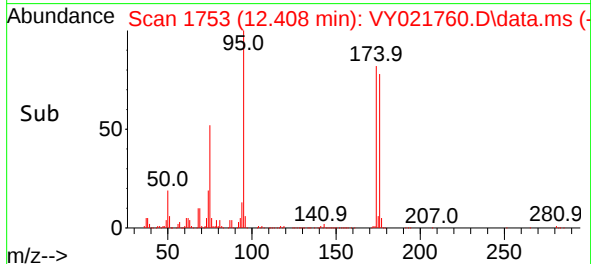
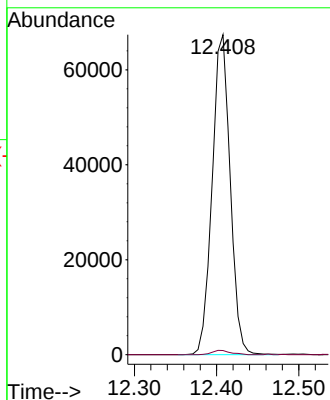
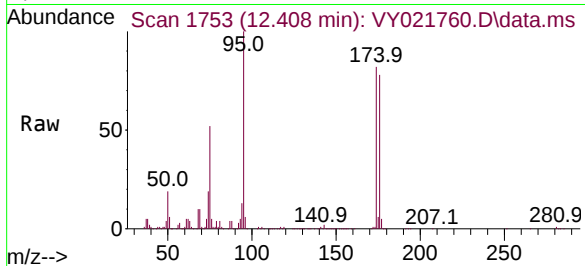




#76
1,2,3-Trichloropropane
Concen: 55.177 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-1-VOC

Tgt Ion: 75 Resp: 102896
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.137 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

Tgt Ion: 75 Resp: 102896
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.1 36.2 54.4#

