

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019552.D
 Acq On : 13 Sep 2024 20:16
 Operator : SY/MD
 Sample : P3989-02
 Misc : 3.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-VOC

Quant Time: Sep 13 23:38:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

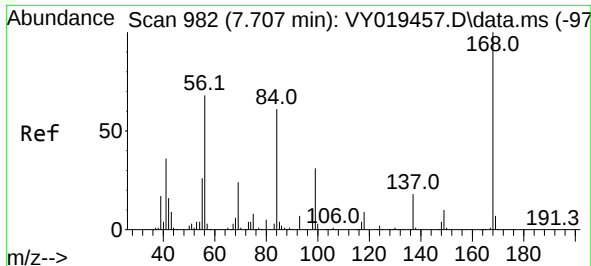
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	331709	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	639786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	563184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	202930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	202460	65.915	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 131.820%		
35) Dibromofluoromethane	7.628	113	204357	56.336	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.680%		
50) Toluene-d8	10.103	98	766126	57.100	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 114.200%		
62) 4-Bromofluorobenzene	12.402	95	238972	46.321	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 92.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	66	Below Cal	#	43
13) Acrolein	3.629	56	134	Below Cal	#	1
16) Acetone	3.867	43	3131	4.279	ug/l #	56
20) Methylene Chloride	4.616	84	10091	3.024	ug/l #	88
25) 2-Butanone	6.890	43	3557	3.418	ug/l #	61
31) Cyclohexane	7.707	56	9063	1.649	ug/l #	30
36) 1,1-Dichloropropene	7.701	75	29905	6.059	ug/l #	48
38) Carbon Tetrachloride	7.701	117	35690	6.412	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	130064	68.381	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	130064	131.272	ug/l #	16

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

Quant Time: Sep 13 23:38:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

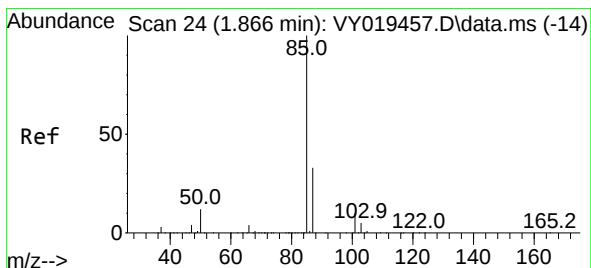
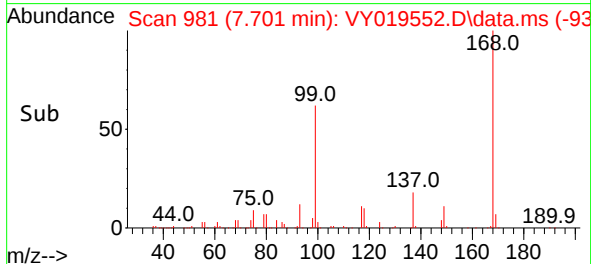
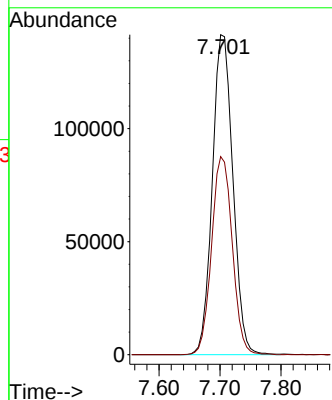
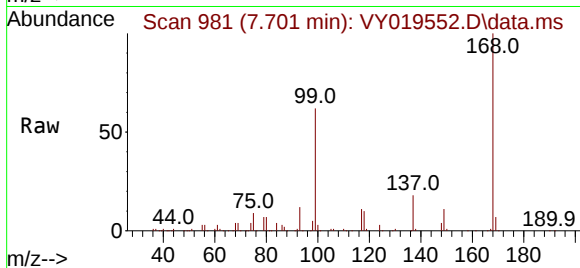




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019552.D
Acq: 13 Sep 2024 20:16

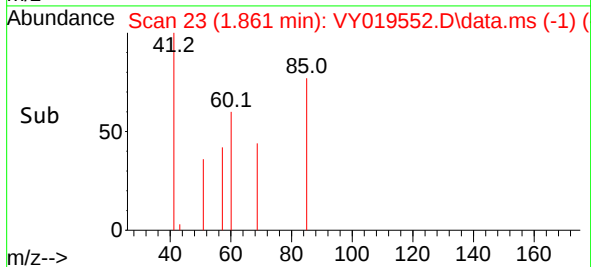
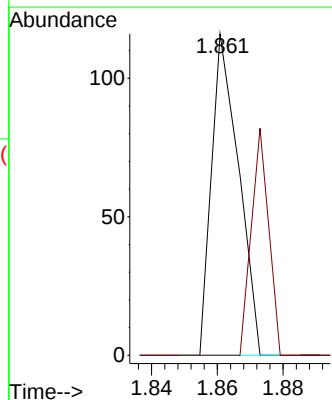
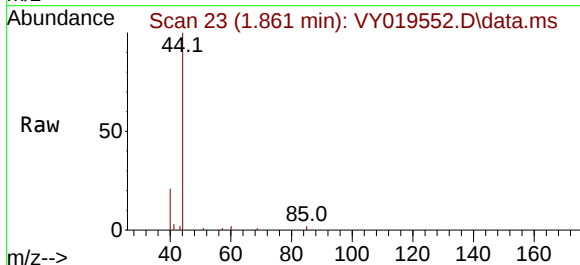
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-VOC

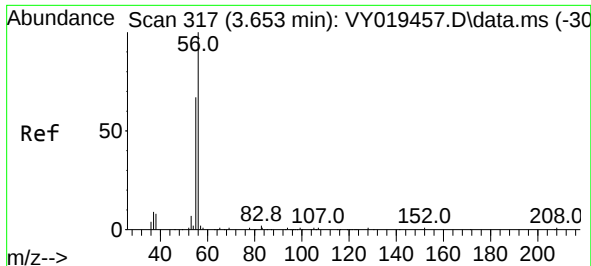
Tgt Ion:168 Resp: 331709
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019552.D
Acq: 13 Sep 2024 20:16

Tgt Ion: 85 Resp: 66
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#13

Acrolein

Concen: Below Cal

RT: 3.629 min Scan# 31

Delta R.T. -0.024 min

Lab File: VY019552.D

Acq: 13 Sep 2024 20:16

Instrument :

MSVOA_Y

ClientSampleId :

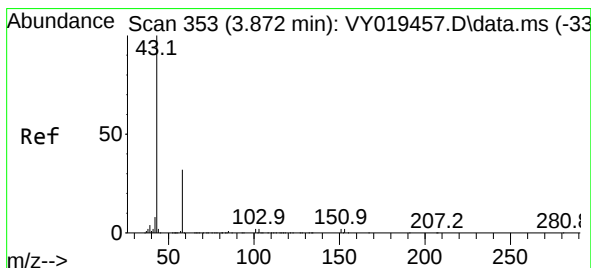
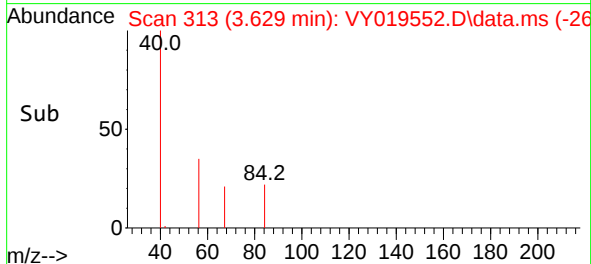
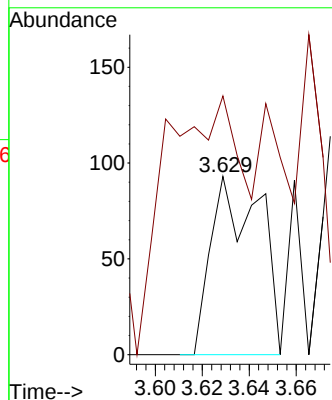
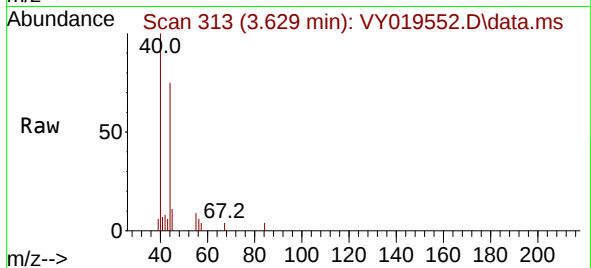
TP-2-VOC

Tgt Ion: 56 Resp: 134

Ion Ratio Lower Upper

56 100

55 231.3 55.7 83.5#



#16

Acetone

Concen: 4.279 ug/l

RT: 3.867 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY019552.D

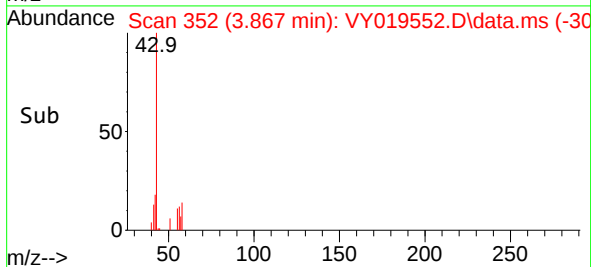
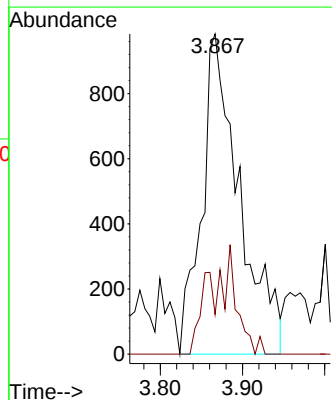
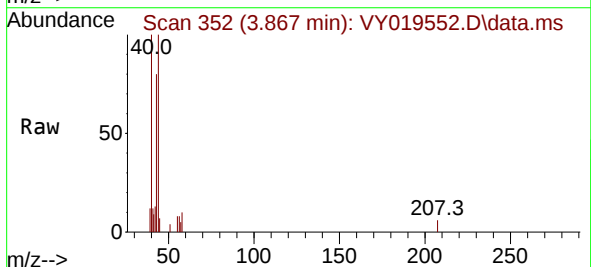
Acq: 13 Sep 2024 20:16

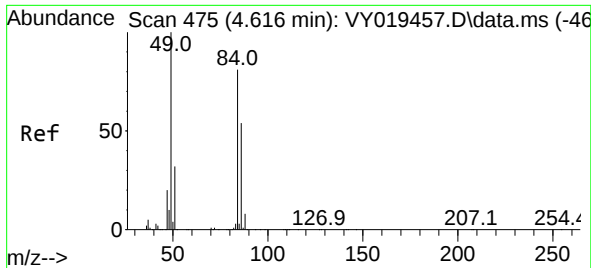
Tgt Ion: 43 Resp: 3131

Ion Ratio Lower Upper

43 100

58 12.4 31.7 47.5#

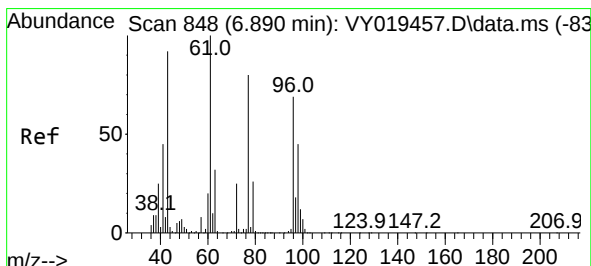
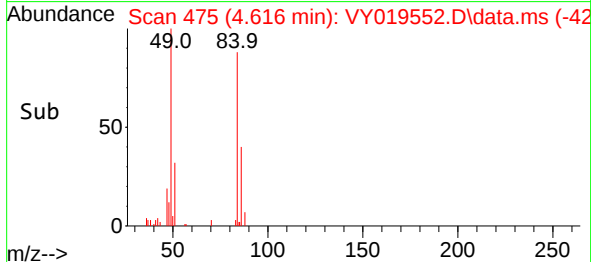
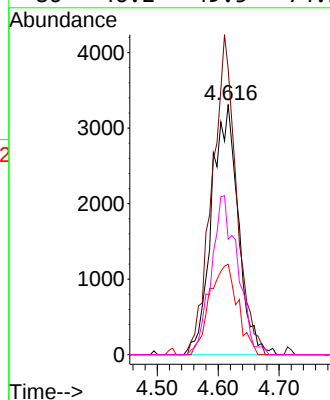
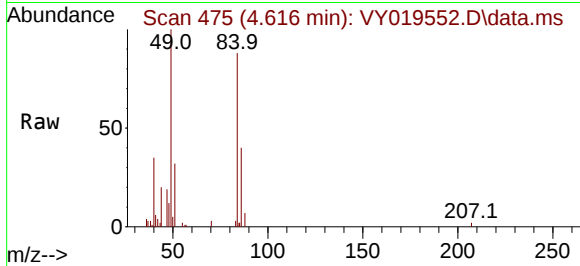




#20
Methylene Chloride
Concen: 3.024 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019552.D
Acq: 13 Sep 2024 20:16

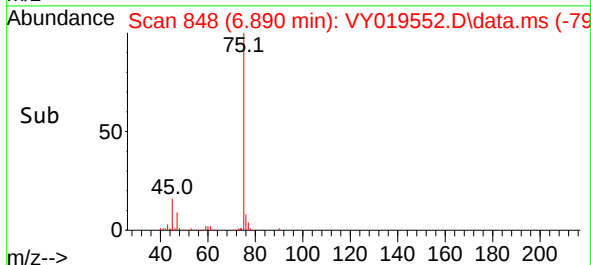
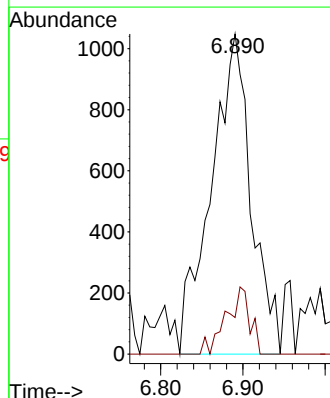
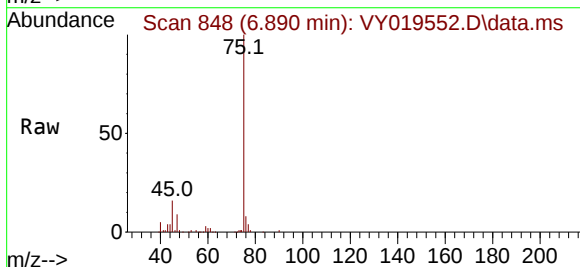
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-VOC

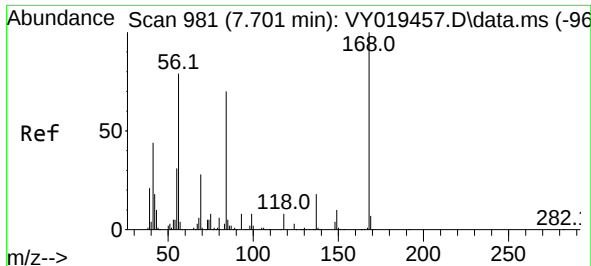
Tgt Ion: 84 Resp: 10091
Ion Ratio Lower Upper
84 100
49 114.0 84.4 126.6
51 36.1 26.0 39.0
86 46.2 49.5 74.3#



#25
2-Butanone
Concen: 3.418 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019552.D
Acq: 13 Sep 2024 20:16

Tgt Ion: 43 Resp: 3557
Ion Ratio Lower Upper
43 100
72 11.5 27.3 40.9#

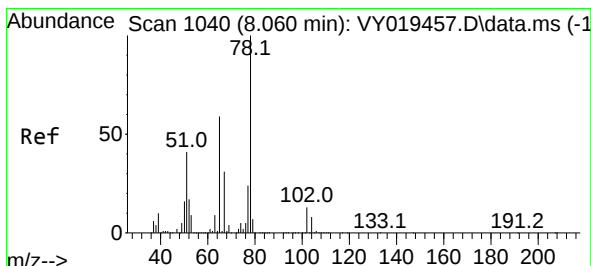
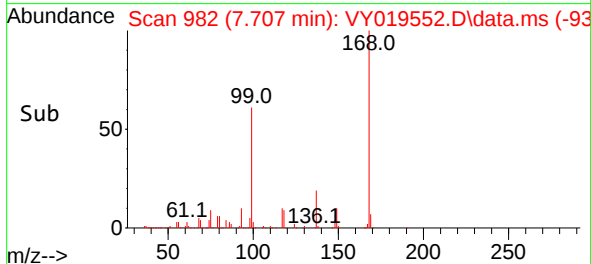
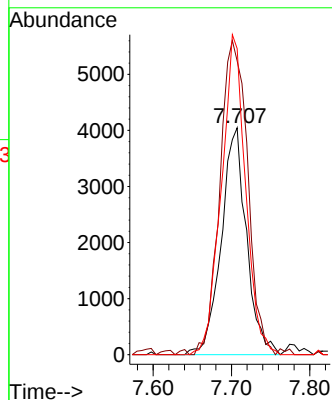
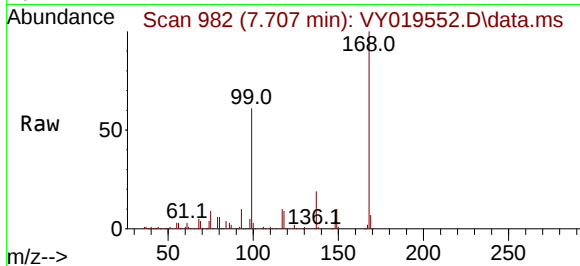




#31
Cyclohexane
Concen: 1.649 ug/l
RT: 7.707 min Scan# 9063
Delta R.T. 0.006 min
Lab File: VY019552.D
Acq: 13 Sep 2024 20:16

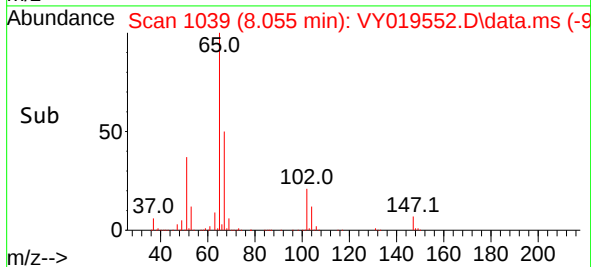
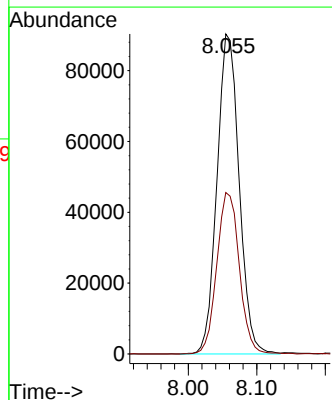
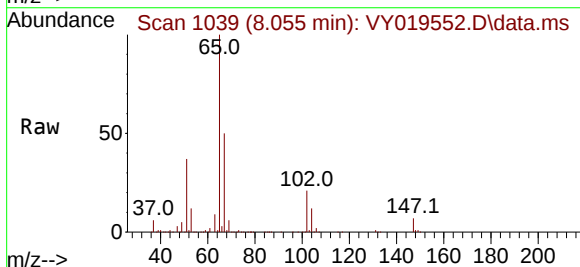
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-VOC

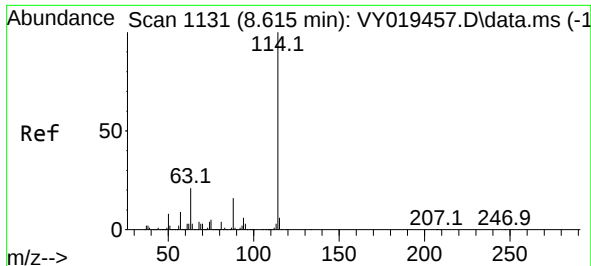
Tgt Ion: 56 Resp: 9063
Ion Ratio Lower Upper
56 100
69 127.9 28.7 43.1#
84 134.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 65.915 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019552.D
Acq: 13 Sep 2024 20:16

Tgt Ion: 65 Resp: 202460
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019552.D

Acq: 13 Sep 2024 20:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-VOC

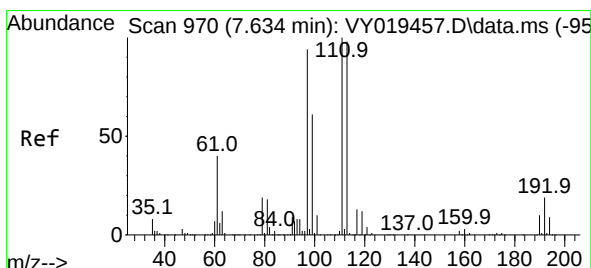
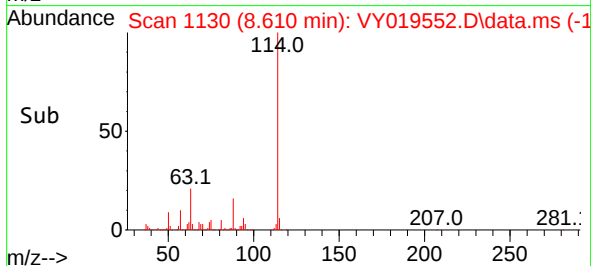
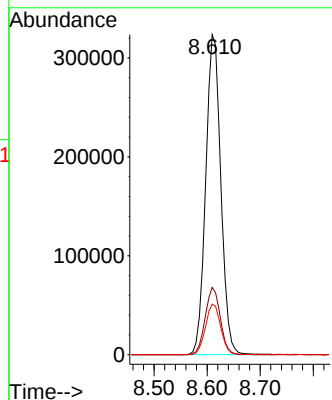
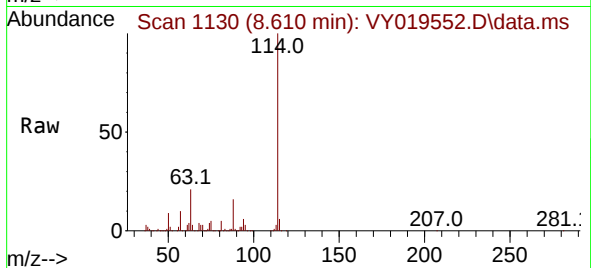
Tgt Ion:114 Resp: 639786

Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

88 15.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.336 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019552.D

Acq: 13 Sep 2024 20:16

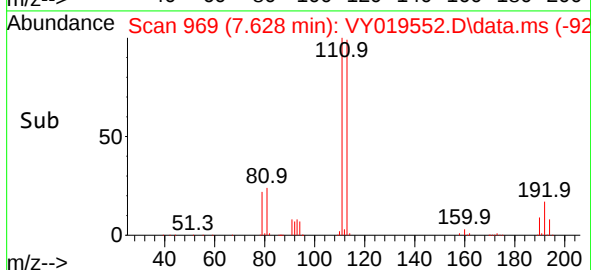
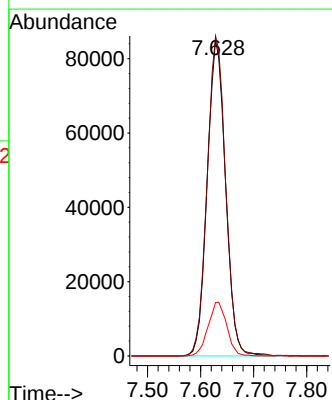
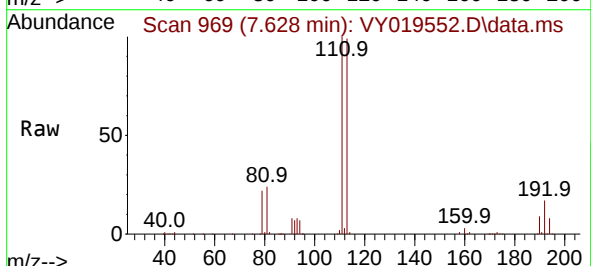
Tgt Ion:113 Resp: 204357

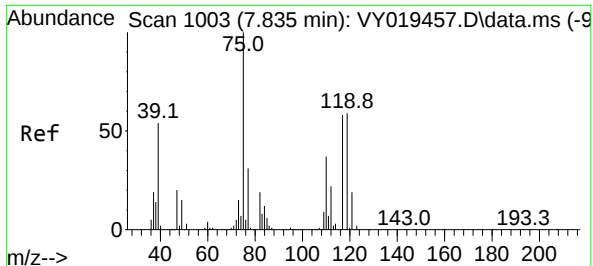
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 17.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.059 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.134 min

Lab File: VY019552.D

Acq: 13 Sep 2024 20:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-VOC

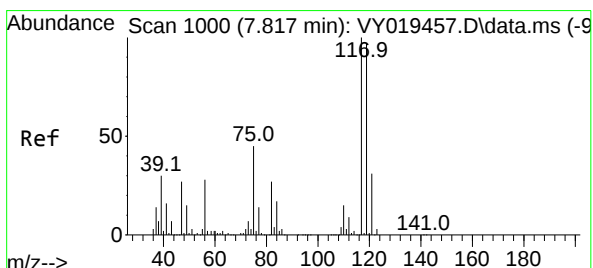
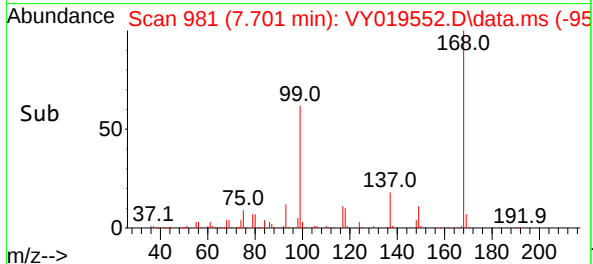
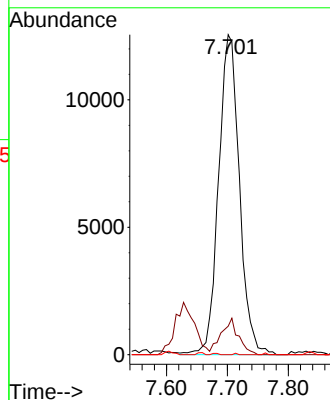
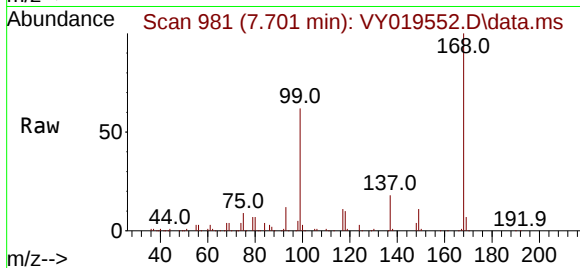
Tgt Ion: 75 Resp: 29905

Ion Ratio Lower Upper

75 100

110 9.4 19.0 57.0#

77 0.1 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.412 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.115 min

Lab File: VY019552.D

Acq: 13 Sep 2024 20:16

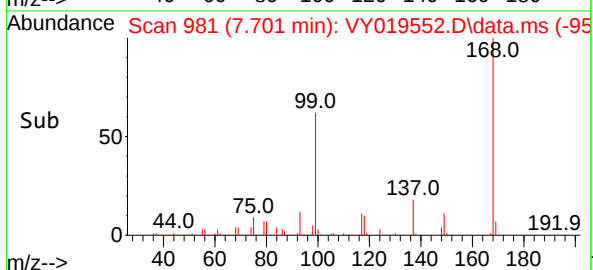
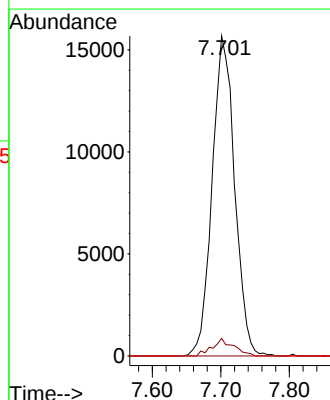
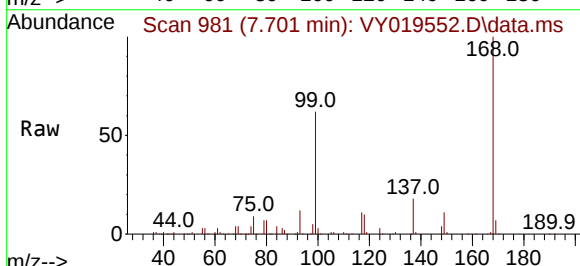
Tgt Ion: 117 Resp: 35690

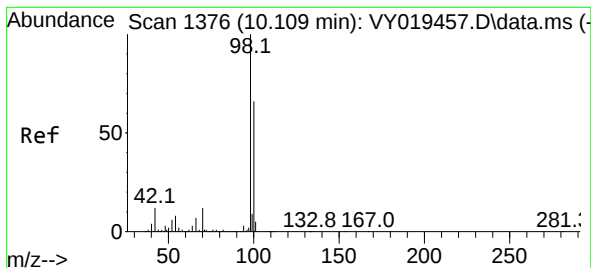
Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 57.100 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019552.D

Acq: 13 Sep 2024 20:16

Instrument :

MSVOA_Y

ClientSampleId :

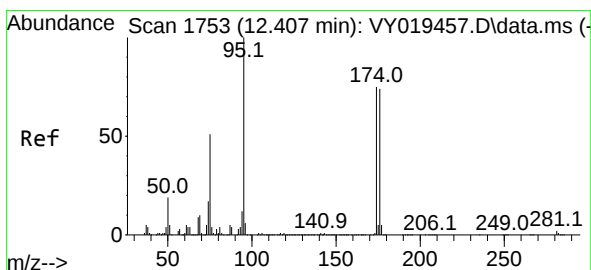
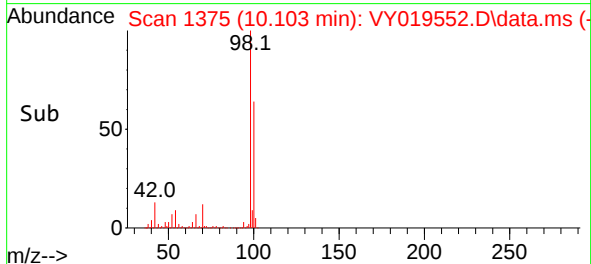
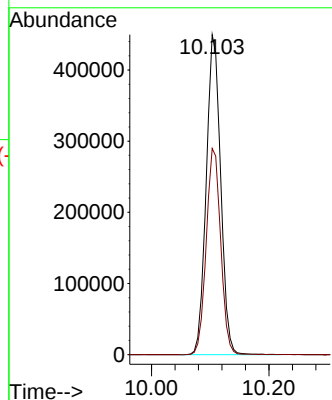
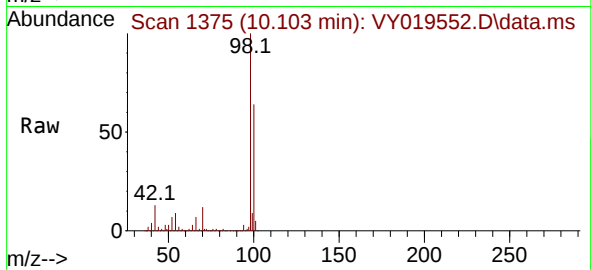
TP-2-VOC

Tgt Ion: 98 Resp: 766126

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.321 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019552.D

Acq: 13 Sep 2024 20:16

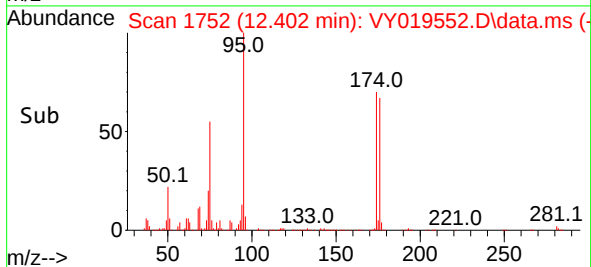
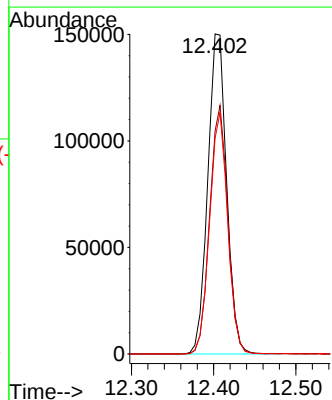
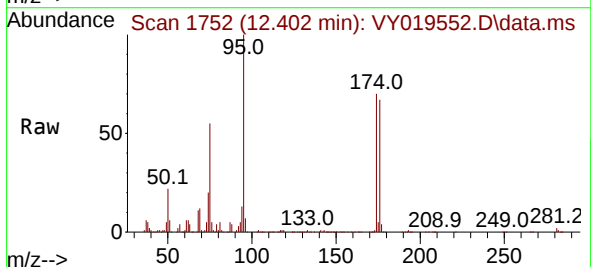
Tgt Ion: 95 Resp: 238972

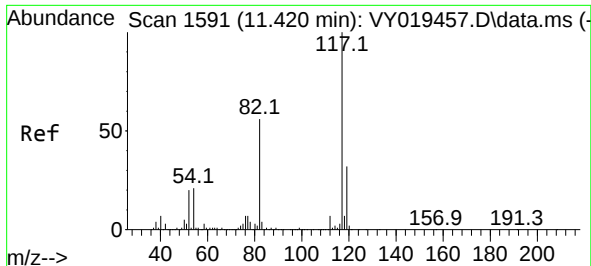
Ion Ratio Lower Upper

95 100

174 75.0 0.0 175.6

176 72.1 0.0 171.4

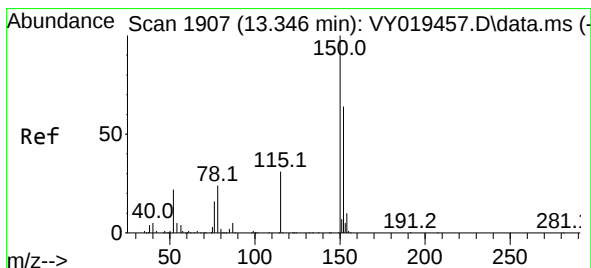
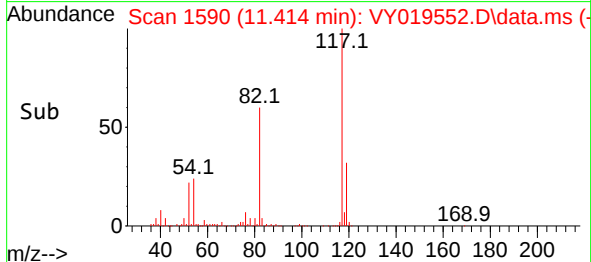
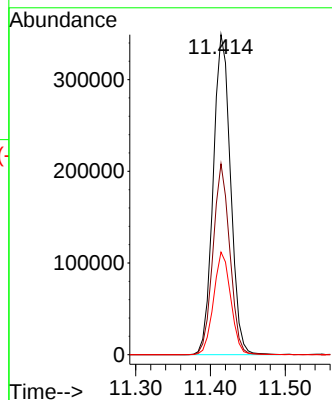
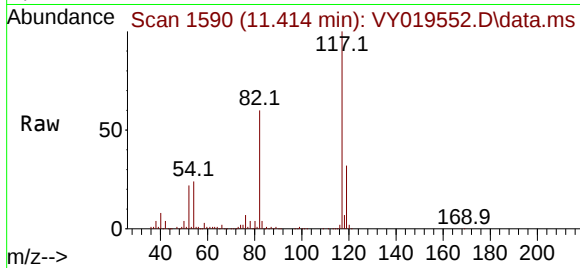




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019552.D
Acq: 13 Sep 2024 20:16

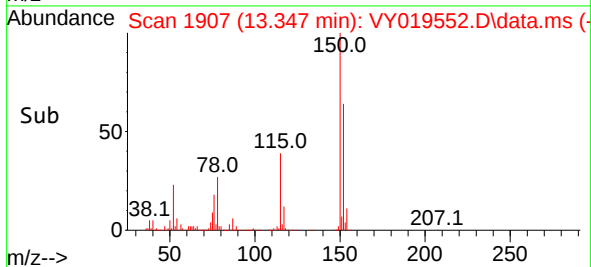
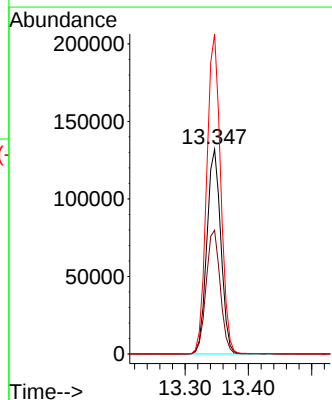
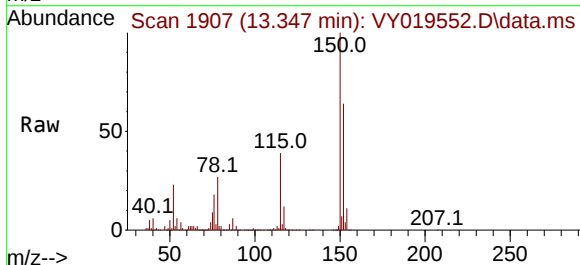
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-VOC

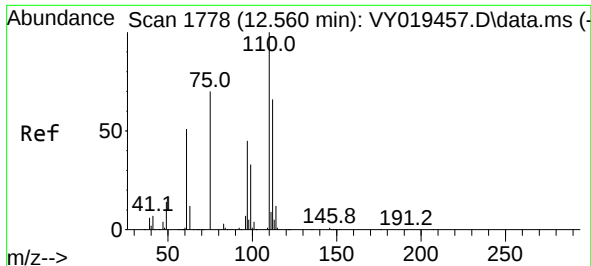
Tgt Ion:117 Resp: 563184
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019552.D
Acq: 13 Sep 2024 20:16

Tgt Ion:152 Resp: 202930
Ion Ratio Lower Upper
152 100
115 61.2 28.2 84.7
150 156.1 0.0 345.6

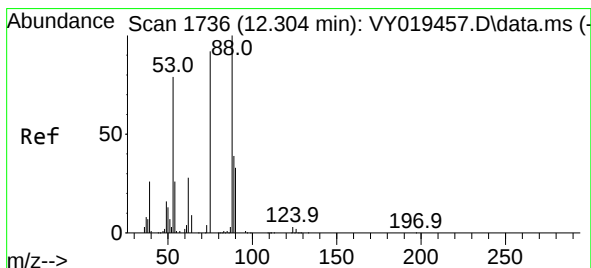
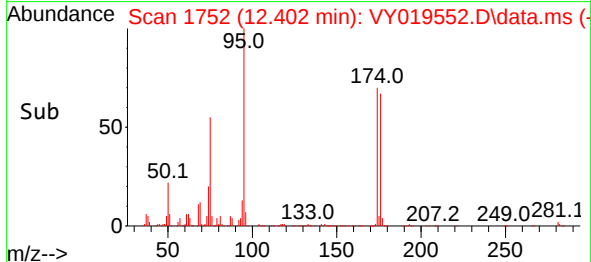
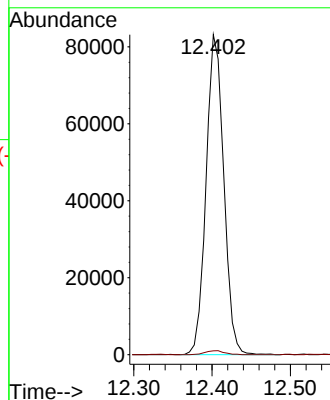
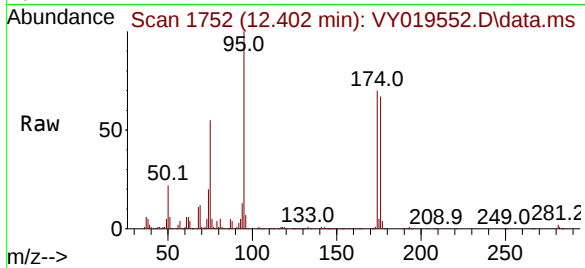




#76
1,2,3-Trichloropropane
Concen: 68.381 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019552.D
Acq: 13 Sep 2024 20:16

Instrument :
MSVOA_Y
ClientSampleId :
TP-2-VOC

Tgt Ion: 75 Resp: 130064
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.272 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019552.D
Acq: 13 Sep 2024 20:16

Tgt Ion: 75 Resp: 130064
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

