

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022597.D
 Acq On : 06 Jun 2025 14:01
 Operator : SY/MD
 Sample : Q2208-29
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-703-VOC-09

Quant Time: Jun 06 23:42:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

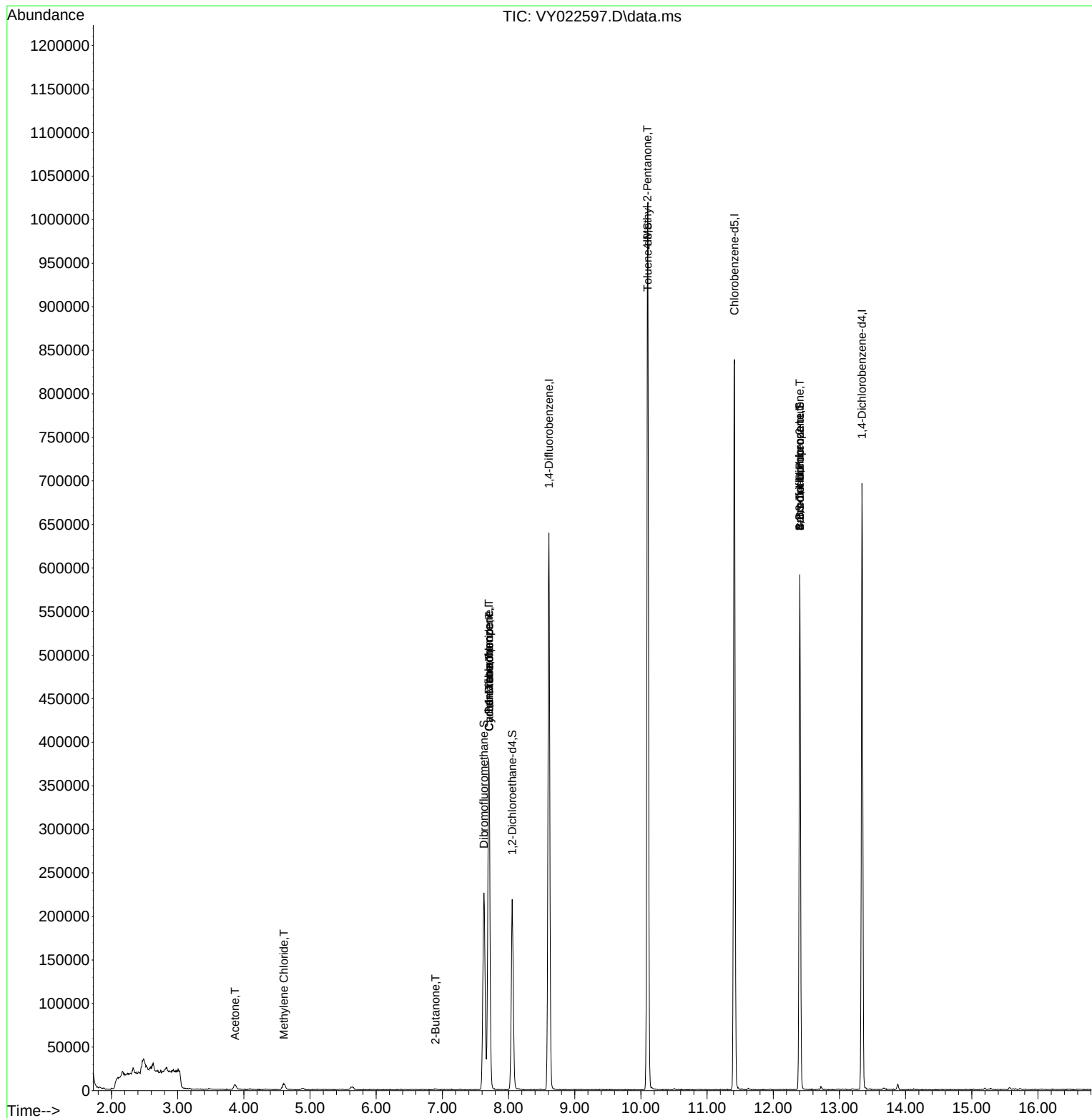
Internal Standards						
1) Pentafluorobenzene	7.701	168	282589	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	513290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	420013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	158796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	153576	48.591	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.180%
35) Dibromofluoromethane	7.628	113	154431	50.406	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.820%
50) Toluene-d8	10.103	98	618769	49.984	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.402	95	160186	43.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.860%
Target Compounds						
16) Acetone	3.866	43	9307	14.500	ug/l	98
20) Methylene Chloride	4.604	84	4821	1.322	ug/l	90
25) 2-Butanone	6.896	43	1573	1.699	ug/l #	74
31) Cyclohexane	7.707	56	7964	1.311	ug/l #	61
36) 1,1-Dichloropropene	7.701	75	24635	4.954	ug/l #	51
38) Carbon Tetrachloride	7.707	117	29583	5.799	ug/l #	18
51) 4-Methyl-2-Pentanone	10.097	43	3261	1.366	ug/l #	1
71) Bromoform	12.402	173	1732	1.040	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	92356	50.838	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	92356	122.770	ug/l #	11

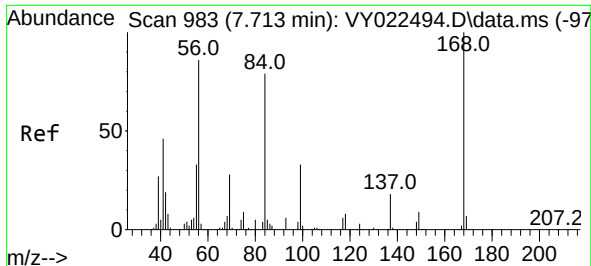
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022597.D
Acq On : 06 Jun 2025 14:01
Operator : SY/MD
Sample : Q2208-29
Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-703-VOC-09

Quant Time: Jun 06 23:42:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

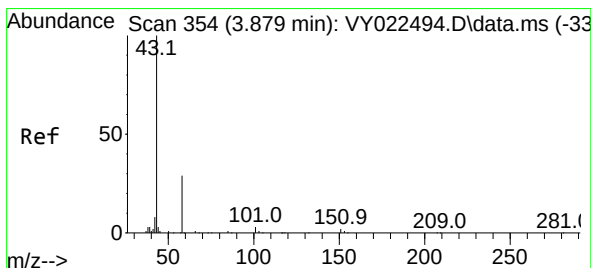
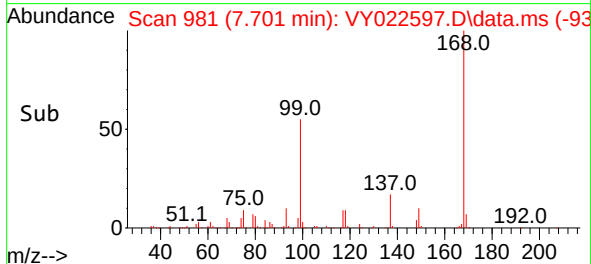
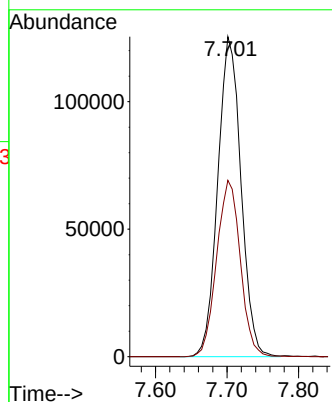
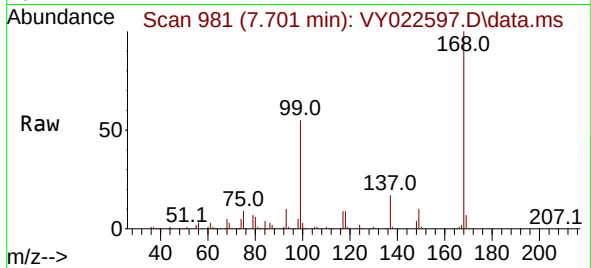




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 99
Delta R.T. -0.012 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

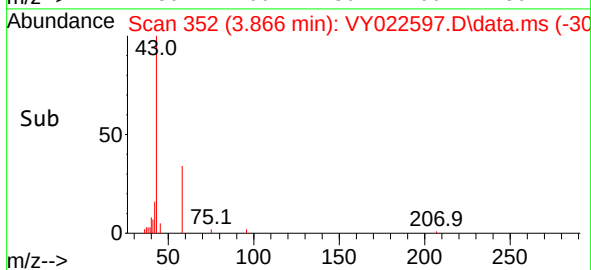
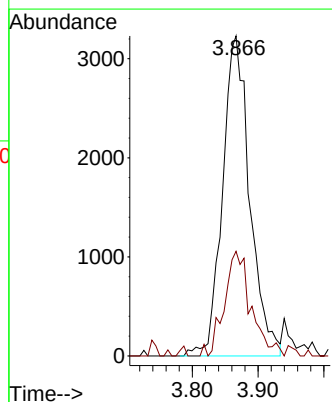
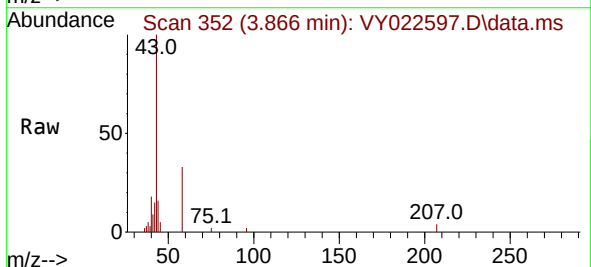
Instrument :
MSVOA_Y
ClientSampleId :
BU-703-VOC-09

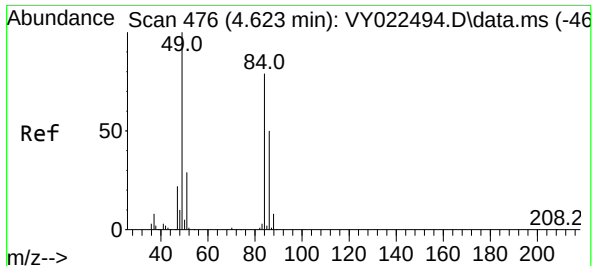
Tgt Ion:168 Resp: 282589
Ion Ratio Lower Upper
168 100
99 55.1 44.3 66.5



#16
Acetone
Concen: 14.500 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

Tgt Ion: 43 Resp: 9307
Ion Ratio Lower Upper
43 100
58 31.1 24.0 36.0

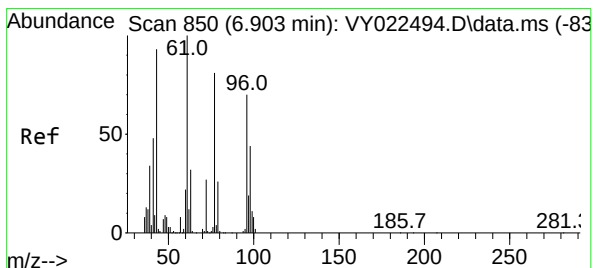
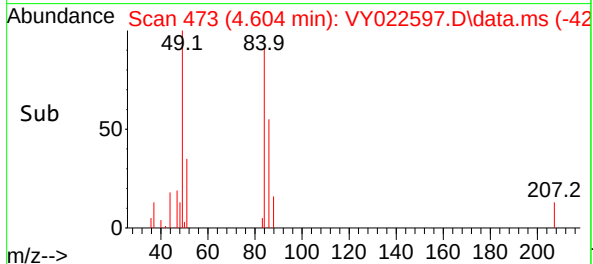
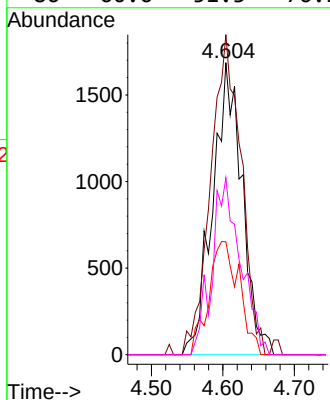
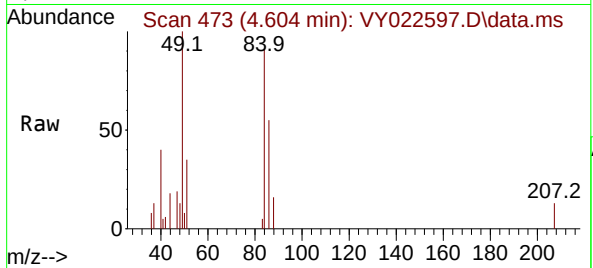




#20
Methylene Chloride
Concen: 1.322 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

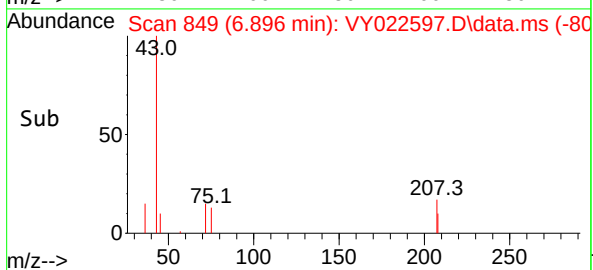
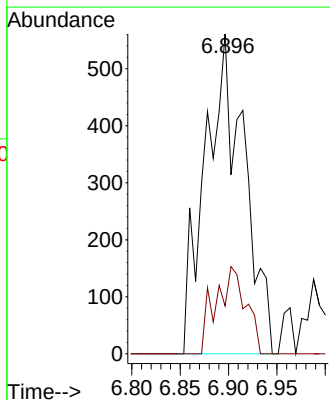
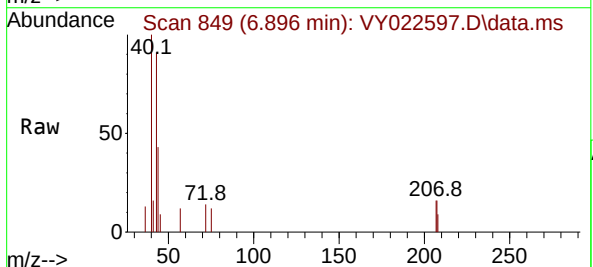
Instrument :
MSVOA_Y
ClientSampleId :
BU-703-VOC-09

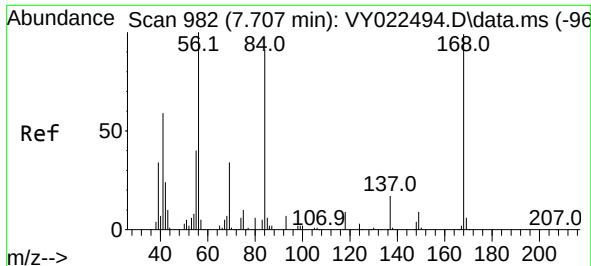
Tgt Ion:	84	Resp:	4821
Ion	Ratio	Lower	Upper
84	100		
49	109.6	101.9	152.9
51	38.7	29.8	44.8
86	60.6	51.3	76.9



#25
2-Butanone
Concen: 1.699 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

Tgt Ion:	43	Resp:	1573
Ion	Ratio	Lower	Upper
43	100		
72	15.0	22.9	34.3#

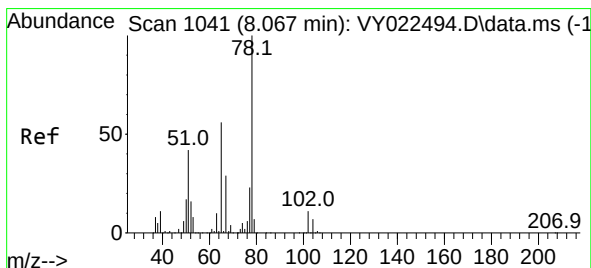
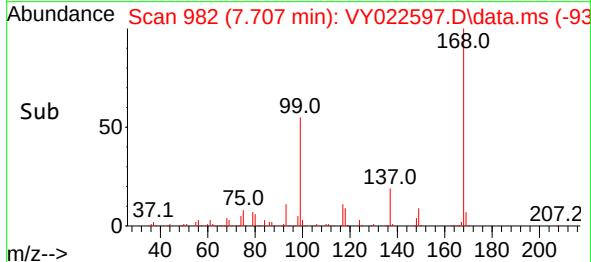
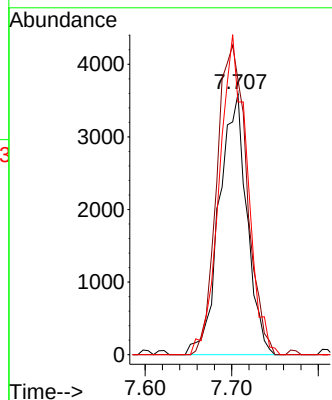
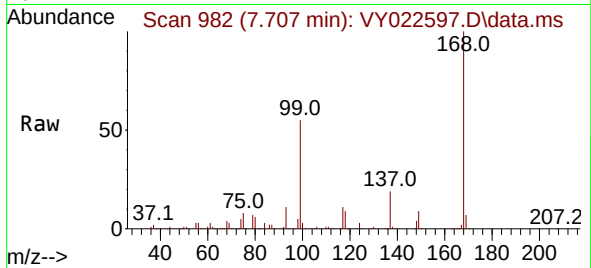




#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

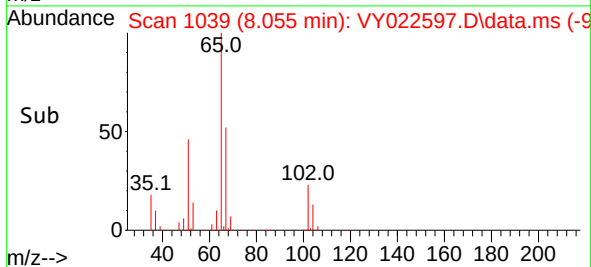
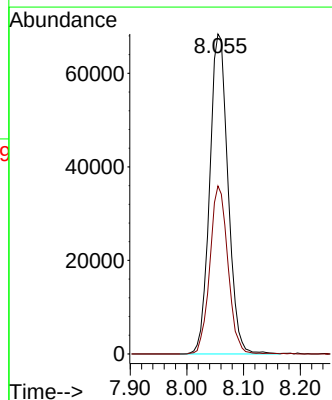
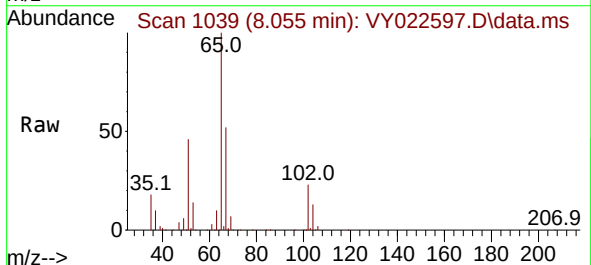
Instrument :
MSVOA_Y
ClientSampleId :
BU-703-VOC-09

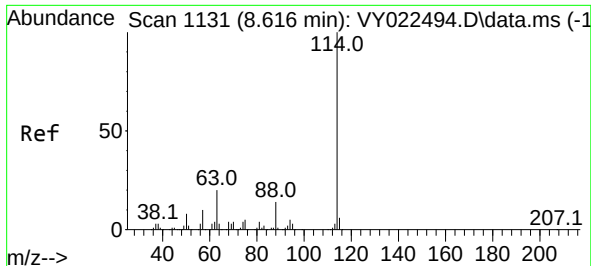
Tgt Ion: 56 Resp: 7964
Ion Ratio Lower Upper
56 100
69 105.3 27.0 40.6#
84 96.8 72.6 109.0



#33
1,2-Dichloroethane-d4
Concen: 48.591 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

Tgt Ion: 65 Resp: 153576
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4

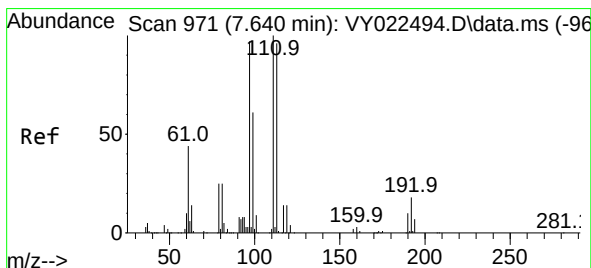
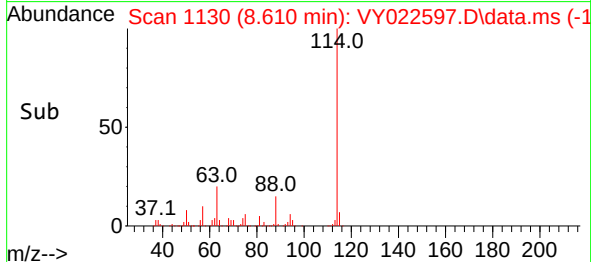
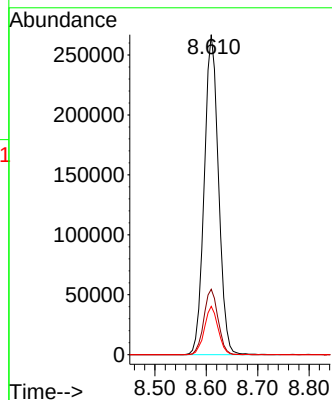
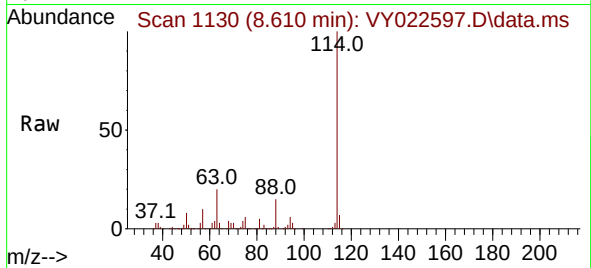




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

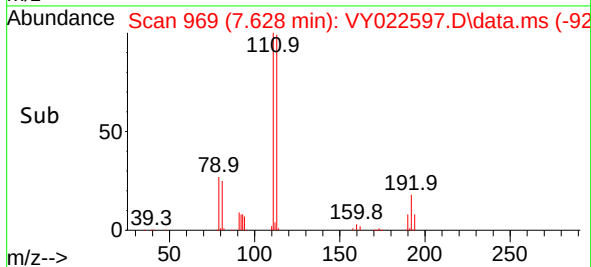
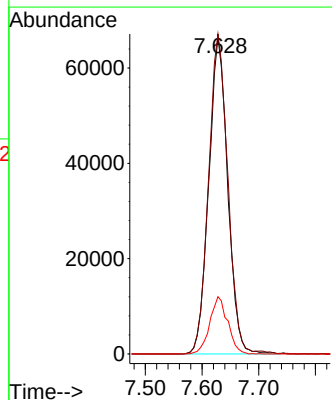
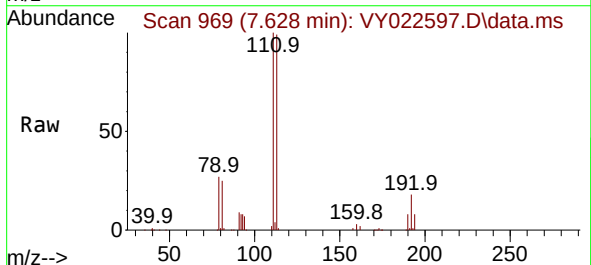
Instrument :
MSVOA_Y
ClientSampleId :
BU-703-VOC-09

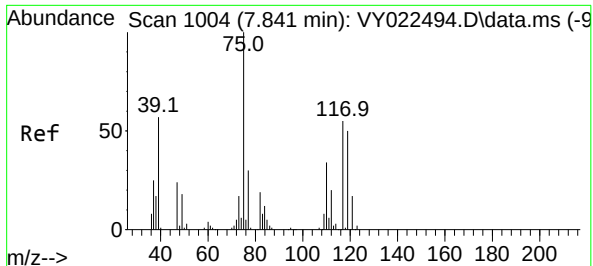
Tgt Ion:114 Resp: 513290
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.1 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.406 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

Tgt Ion:113 Resp: 154431
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 17.2 14.2 21.2

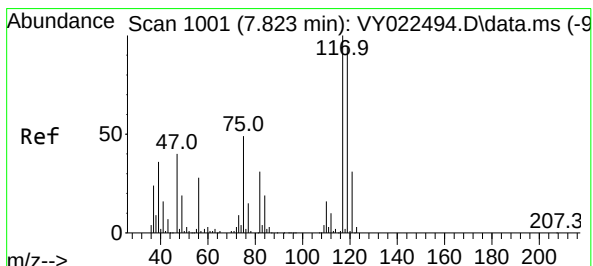
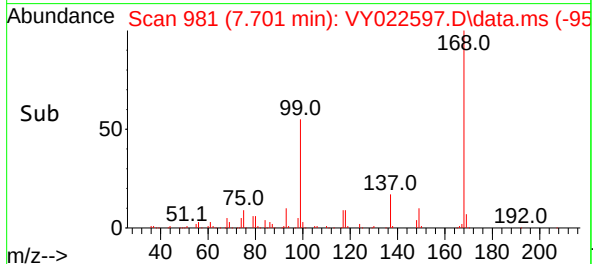
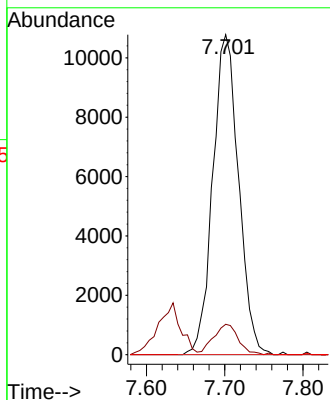
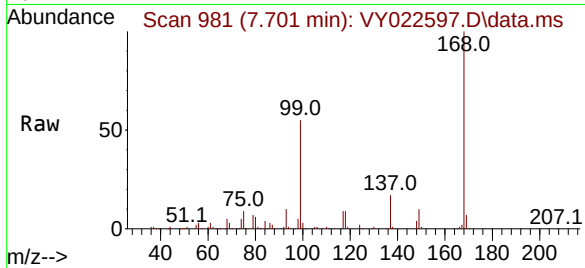




#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

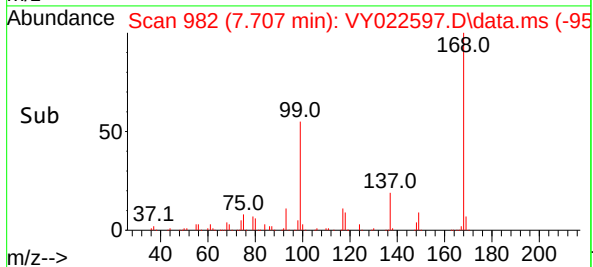
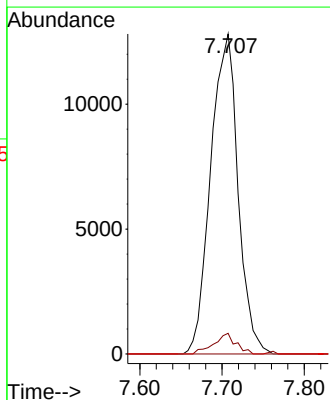
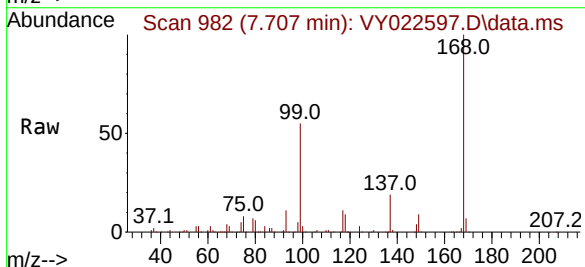
Instrument :
MSVOA_Y
ClientSampleId :
BU-703-VOC-09

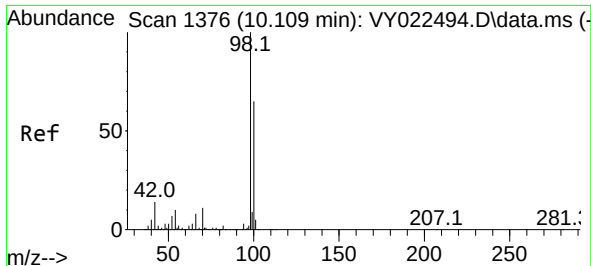
Tgt Ion: 75 Resp: 24635
Ion Ratio Lower Upper
75 100
110 9.3 16.9 50.7#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

Tgt Ion: 117 Resp: 29583
Ion Ratio Lower Upper
117 100
119 6.4 75.0 112.6#
121 0.0 25.0 37.4#

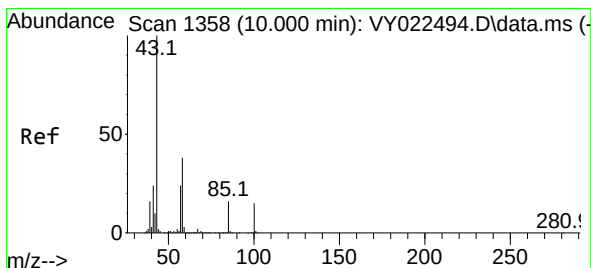
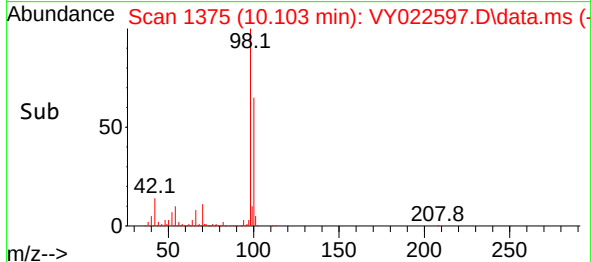
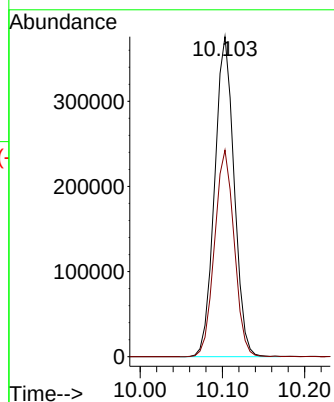
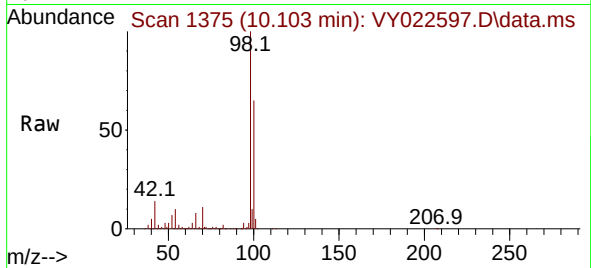




#50
Toluene-d8
Concen: 49.984 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

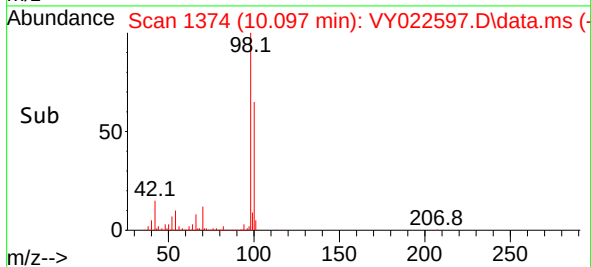
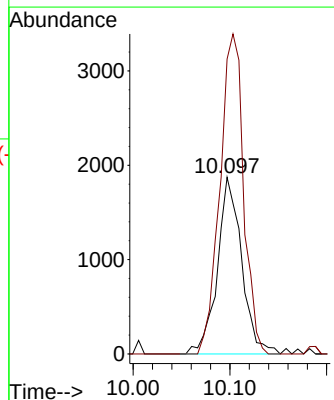
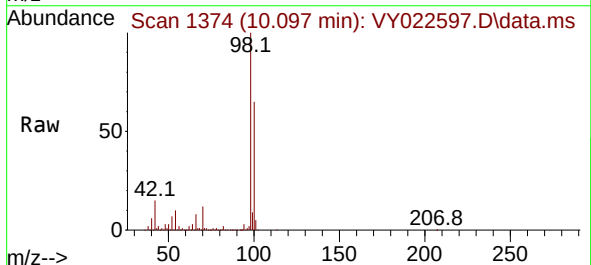
Instrument :
MSVOA_Y
ClientSampleId :
BU-703-VOC-09

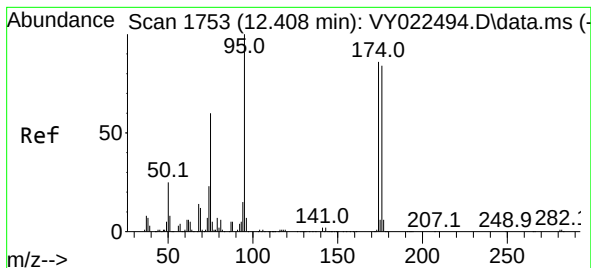
Tgt Ion: 98 Resp: 618769
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.366 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.097 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

Tgt Ion: 43 Resp: 3261
Ion Ratio Lower Upper
43 100
58 176.8 30.4 45.6#

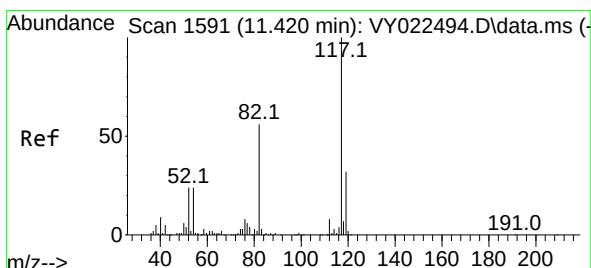
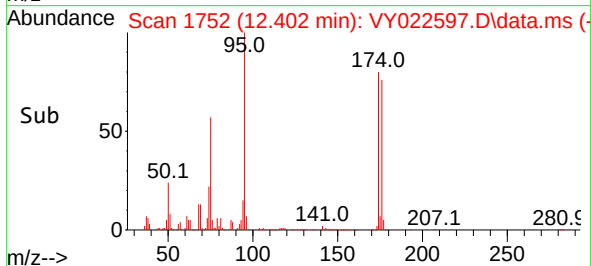
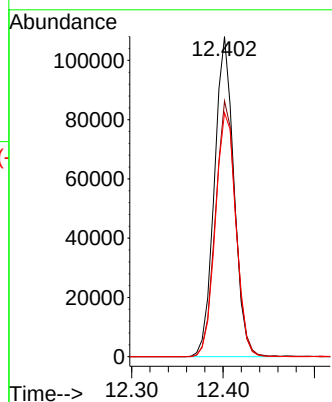
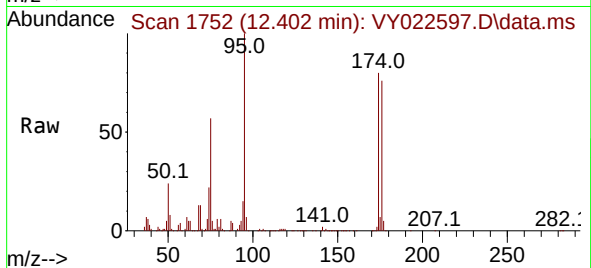




#62
4-Bromofluorobenzene
Concen: 43.429 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

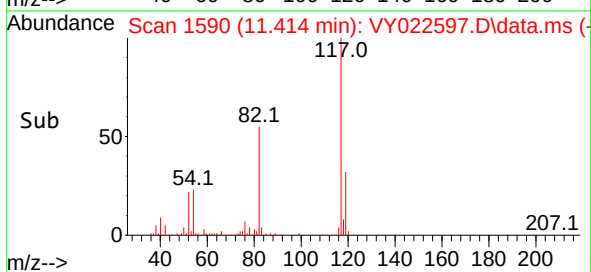
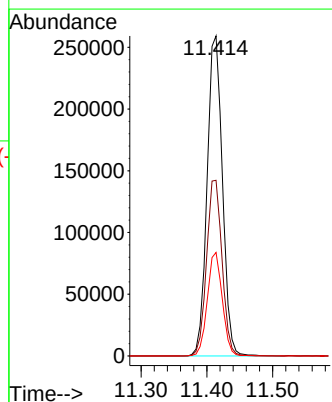
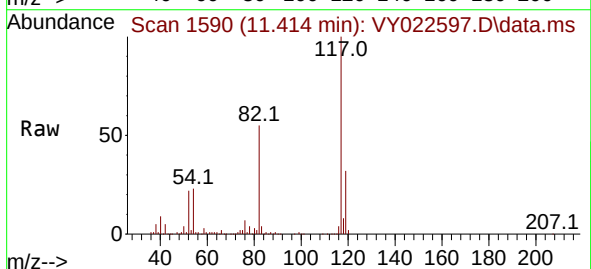
Instrument :
MSVOA_Y
ClientSampleId :
BU-703-VOC-09

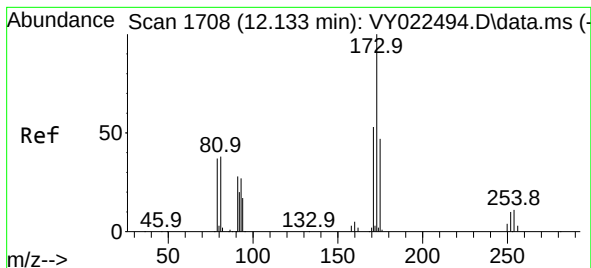
Tgt Ion: 95 Resp: 160186
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.0
176 80.3 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

Tgt Ion: 117 Resp: 420013
Ion Ratio Lower Upper
117 100
82 54.9 44.6 66.8
119 32.3 25.4 38.0





#71

Bromoform

Concen: 1.040 ug/l

RT: 12.402 min Scan# 11

Delta R.T. 0.268 min

Lab File: VY022597.D

Acq: 06 Jun 2025 14:01

Instrument :

MSVOA_Y

ClientSampleId :

BU-703-VOC-09

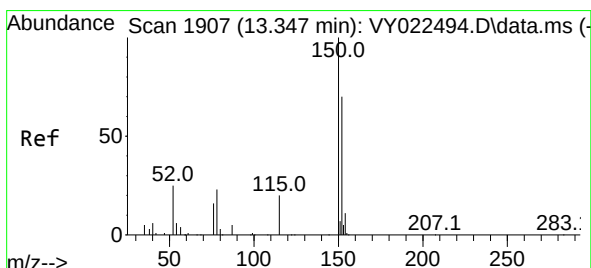
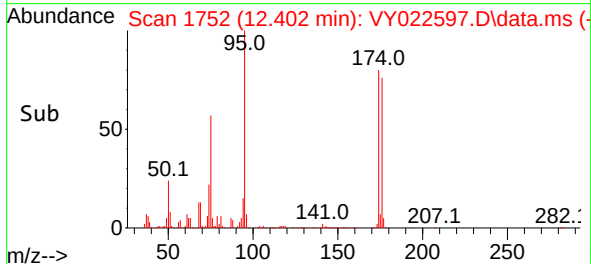
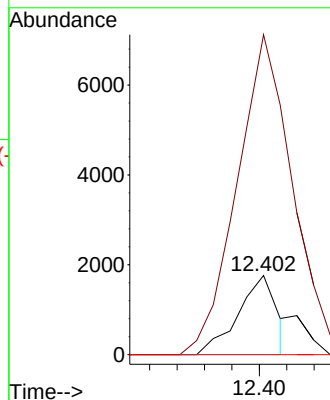
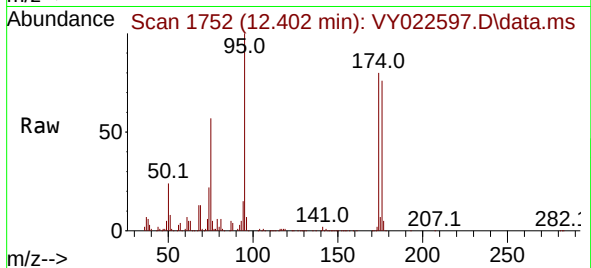
Tgt Ion:173 Resp: 1732

Ion Ratio Lower Upper

173 100

175 467.1 23.8 71.5#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022597.D

Acq: 06 Jun 2025 14:01

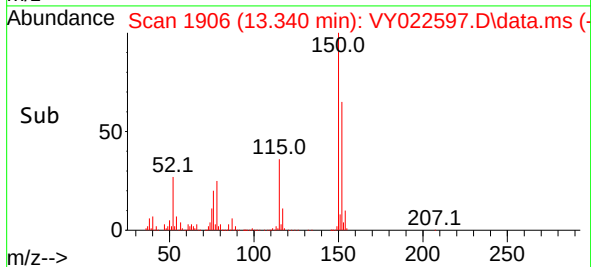
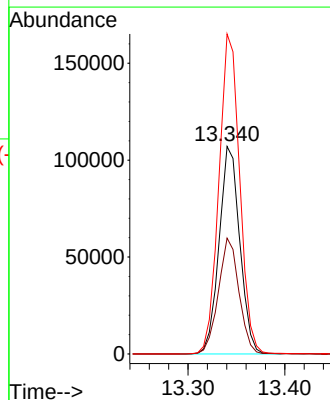
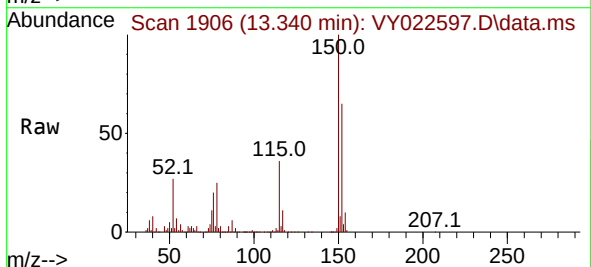
Tgt Ion:152 Resp: 158796

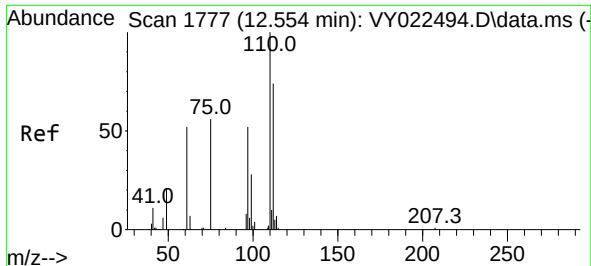
Ion Ratio Lower Upper

152 100

115 55.6 28.9 86.7

150 155.0 0.0 349.6

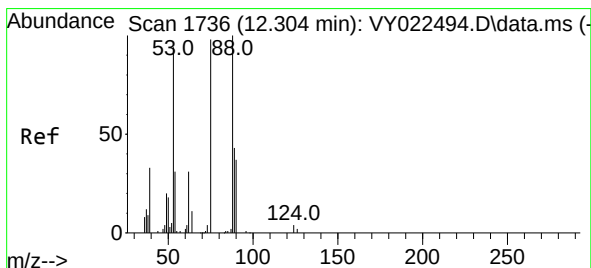
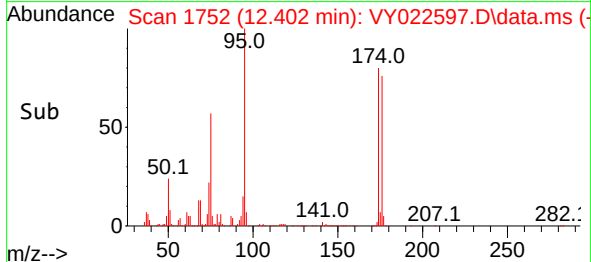
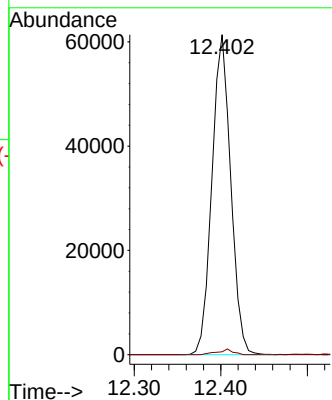
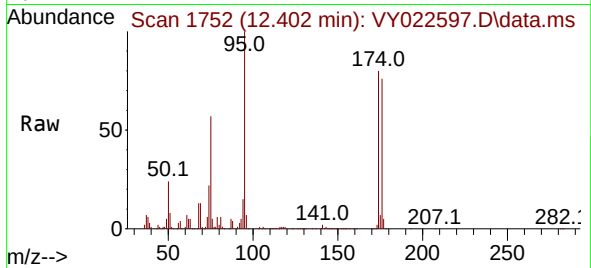




#76
1,2,3-Trichloropropane
Concen: 50.838 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
BU-703-VOC-09

Tgt Ion: 75 Resp: 92356
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.770 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022597.D
Acq: 06 Jun 2025 14:01

Tgt Ion: 75 Resp: 92356
Ion Ratio Lower Upper
75 100
53 0.2 78.5 117.7#
89 0.1 35.7 53.5#

