

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021832.D
 Acq On : 10 Apr 2025 12:53
 Operator : SY/MD
 Sample : Q1732-03
 Misc : 3.83g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-8-VOC

Quant Time: Apr 11 01:50:18 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)

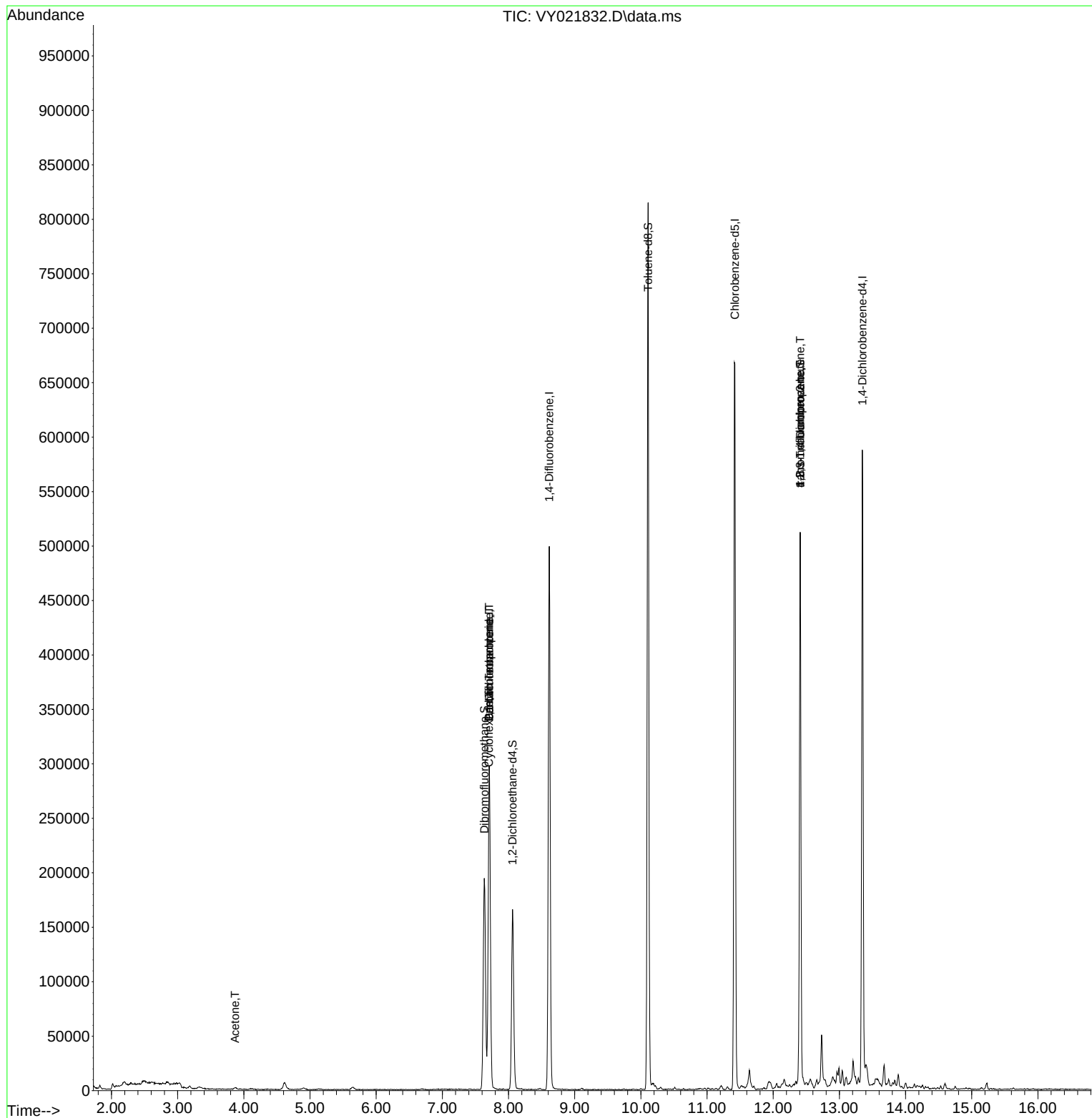
Internal Standards						
1) Pentafluorobenzene	7.707	168	221622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	410979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	354203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	142054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128404	53.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.940%	
35) Dibromofluoromethane	7.634	113	137150	51.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.900%	
50) Toluene-d8	10.109	98	499853	49.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.580%	
62) 4-Bromofluorobenzene	12.408	95	148318	43.235	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.460%	
Target Compounds						Qvalue
16) Acetone	3.866	43	2907	5.915	ug/l	89
20) Methylene Chloride	4.610	84	4387	Below Cal		90
31) Cyclohexane	7.701	56	5292	1.249	ug/l #	31
36) 1,1-Dichloropropene	7.707	75	18473	4.549	ug/l #	49
38) Carbon Tetrachloride	7.707	117	22787	4.900	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	78731	55.912	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	78731	128.831	ug/l #	12

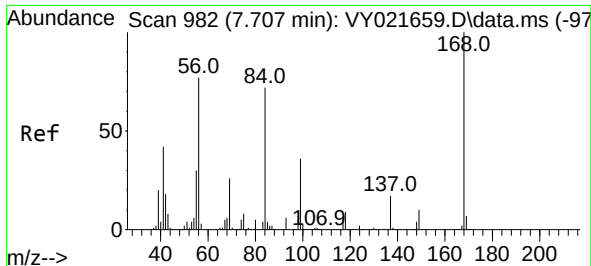
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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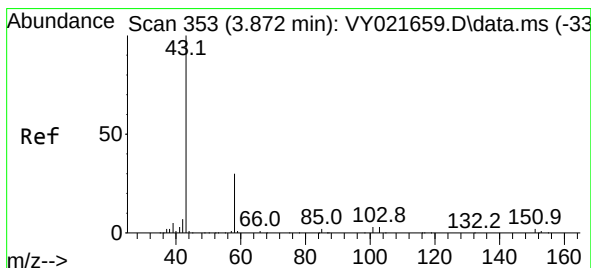
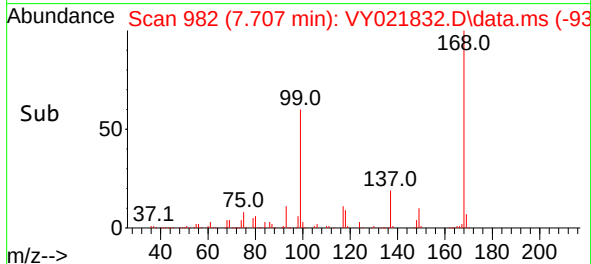
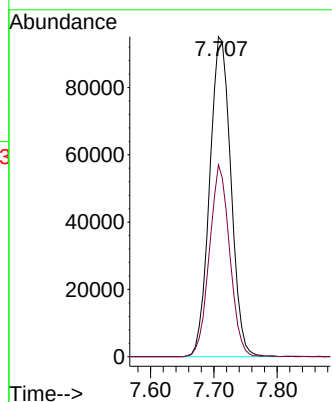
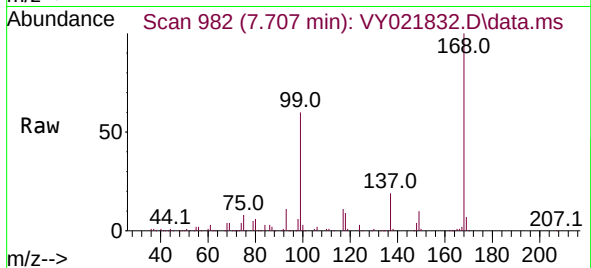




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021832.D
Acq: 10 Apr 2025 12:53

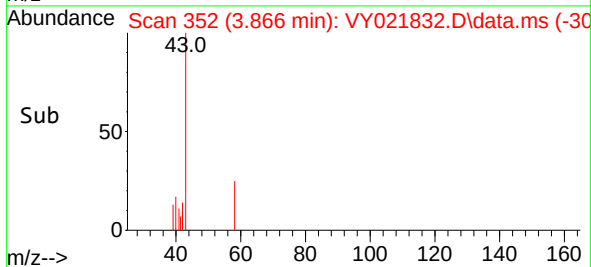
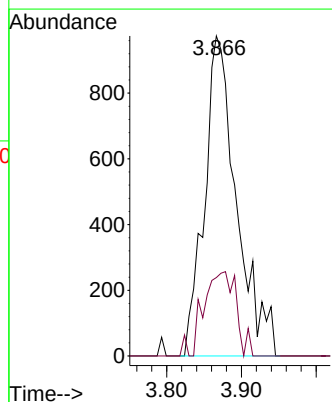
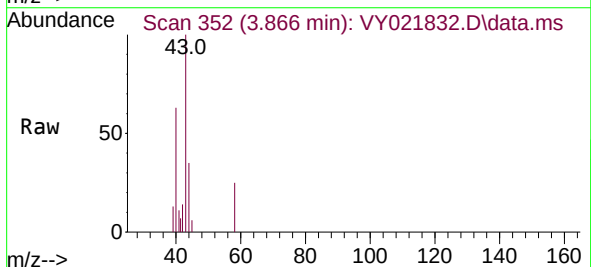
Instrument :
MSVOA_Y
ClientSampleId :
TT-8-VOC

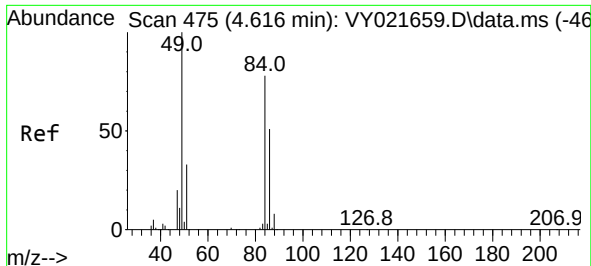
Tgt Ion:168 Resp: 221622
Ion Ratio Lower Upper
168 100
99 60.0 46.7 70.1



#16
Acetone
Concen: 5.915 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021832.D
Acq: 10 Apr 2025 12:53

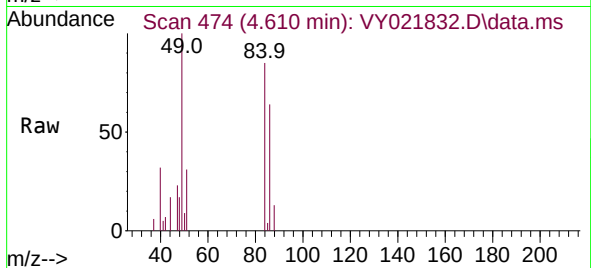
Tgt Ion: 43 Resp: 2907
Ion Ratio Lower Upper
43 100
58 24.5 24.2 36.4





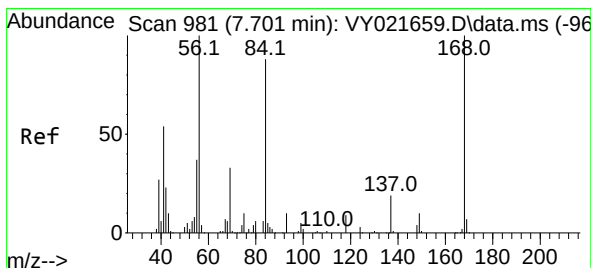
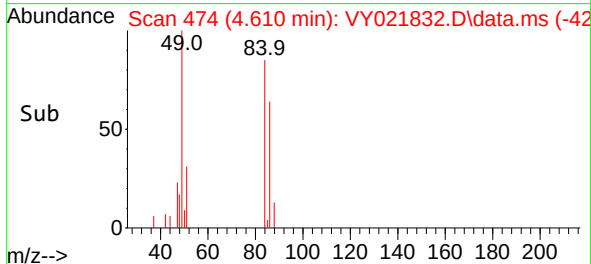
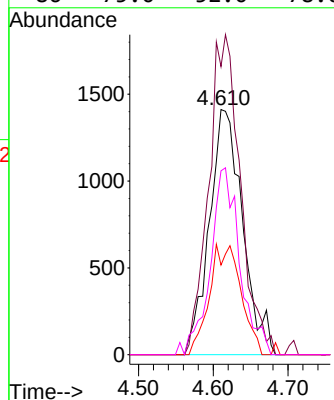
#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021832.D
Acq: 10 Apr 2025 12:53

Instrument :
MSVOA_Y
ClientSampleId :
TT-8-VOC



Tgt Ion: 84 Resp: 4387

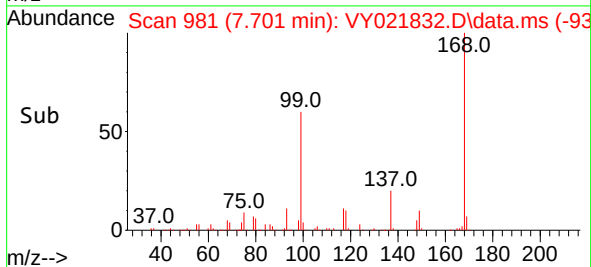
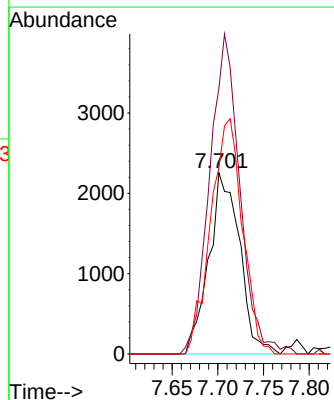
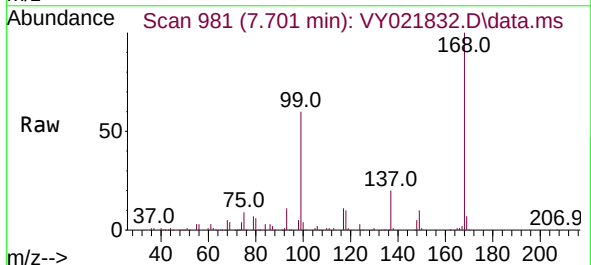
Ion	Ratio	Lower	Upper
84	100		
49	117.6	102.8	154.2
51	36.5	33.5	50.3
86	75.0	52.0	78.0

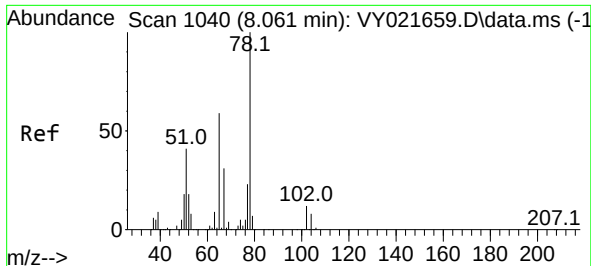


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021832.D
Acq: 10 Apr 2025 12:53

Tgt Ion: 56 Resp: 5292

Ion	Ratio	Lower	Upper
56	100		
69	146.7	26.6	40.0#
84	102.9	69.0	103.4

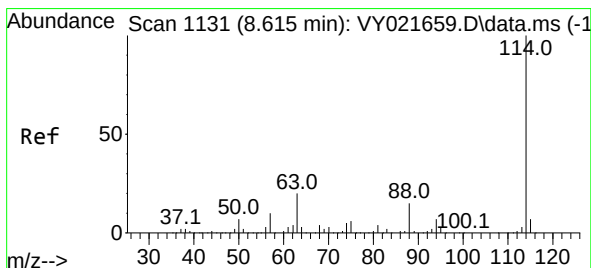
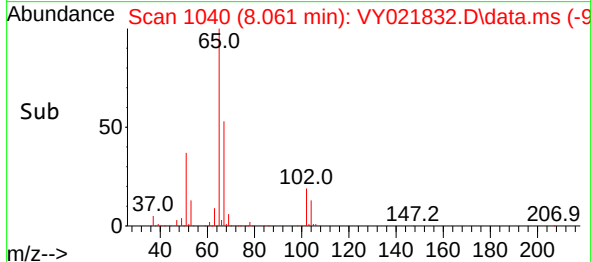
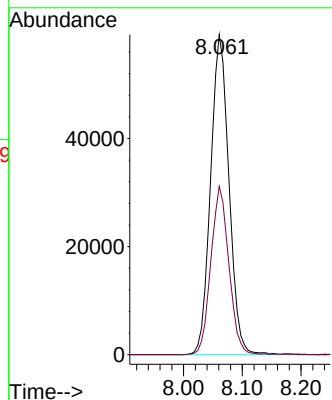
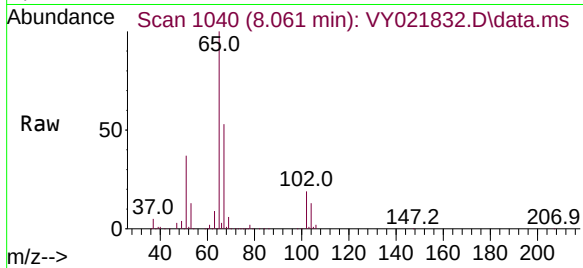




#33
 1,2-Dichloroethane-d4
 Concen: 53.475 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021832.D
 Acq: 10 Apr 2025 12:53

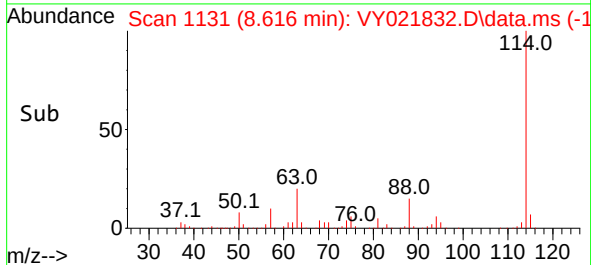
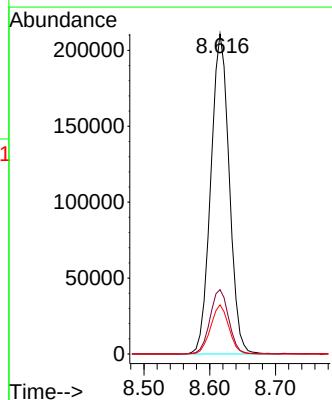
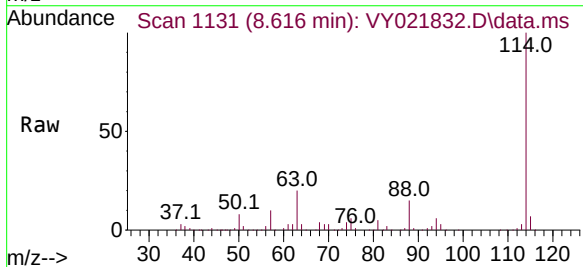
Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-8-VOC

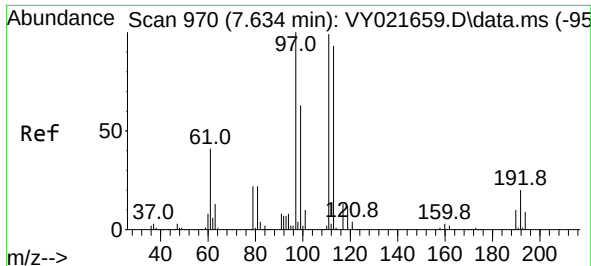
Tgt Ion: 65 Resp: 128404
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021832.D
 Acq: 10 Apr 2025 12:53

Tgt Ion: 114 Resp: 410979
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 15.3 0.0 29.8

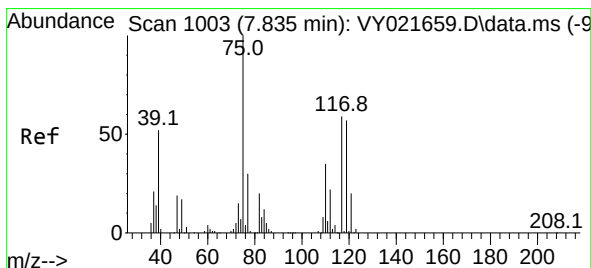
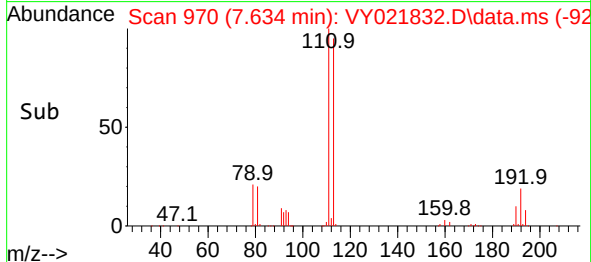
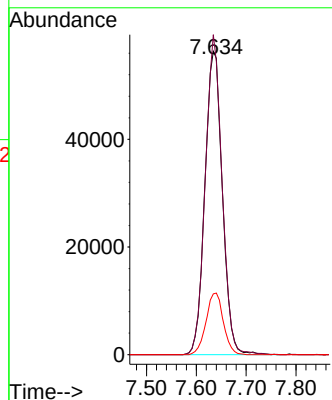
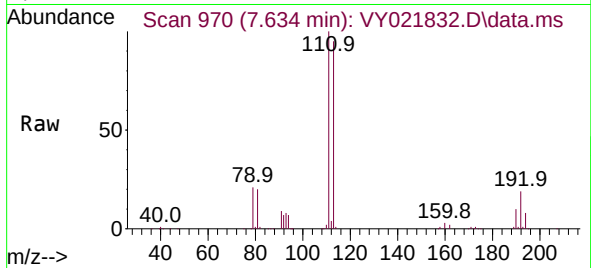




#35
Dibromofluoromethane
Concen: 51.445 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021832.D
Acq: 10 Apr 2025 12:53

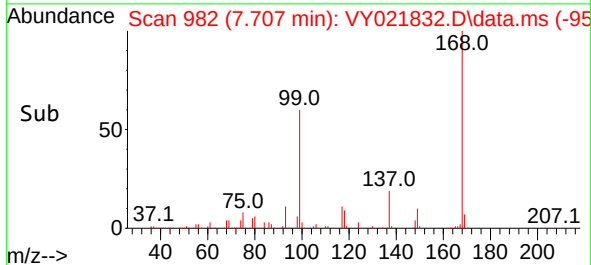
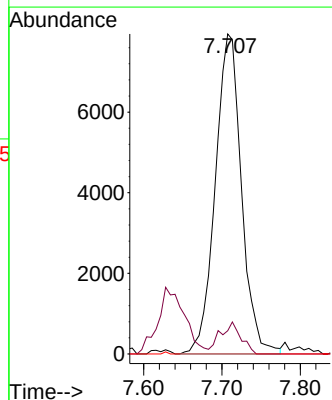
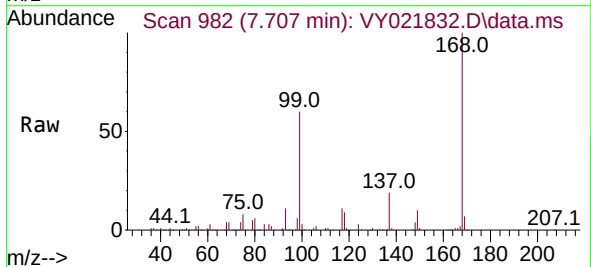
Instrument :
MSVOA_Y
ClientSampleId :
TT-8-VOC

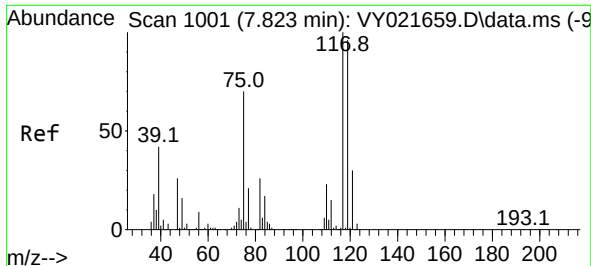
Tgt Ion:113 Resp: 137150
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 20.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.549 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021832.D
Acq: 10 Apr 2025 12:53

Tgt Ion: 75 Resp: 18473
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.8 37.2#

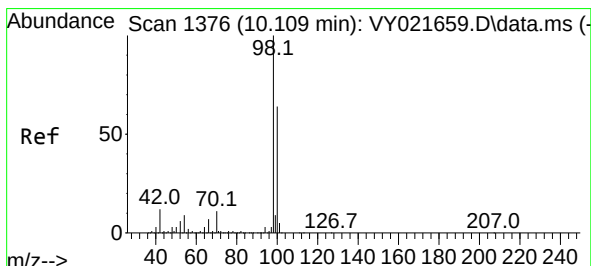
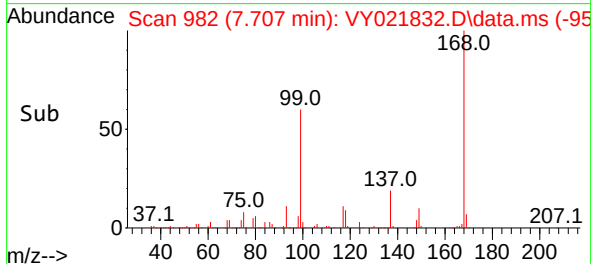
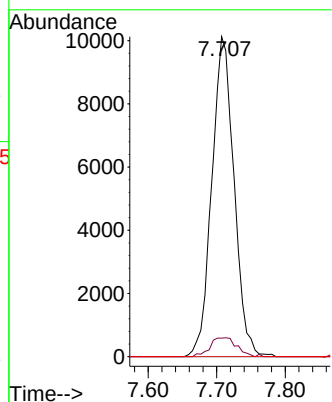
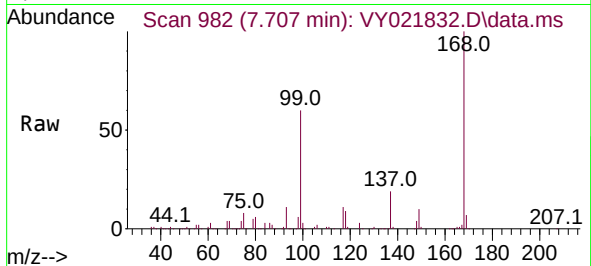




#38
Carbon Tetrachloride
Concen: 4.900 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021832.D
Acq: 10 Apr 2025 12:53

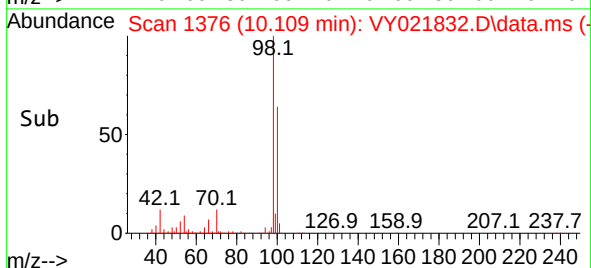
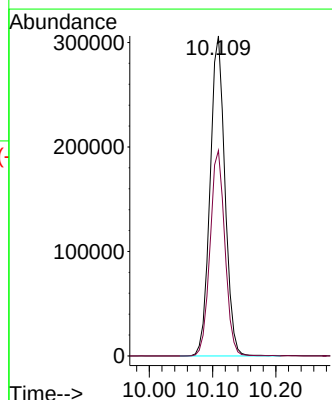
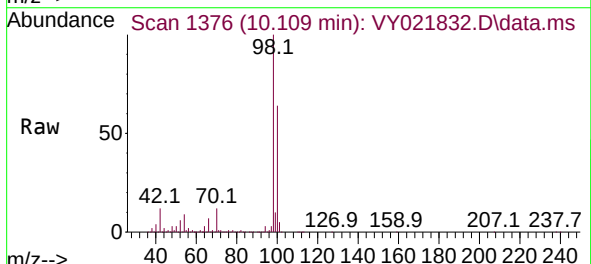
Instrument :
MSVOA_Y
ClientSampleId :
TT-8-VOC

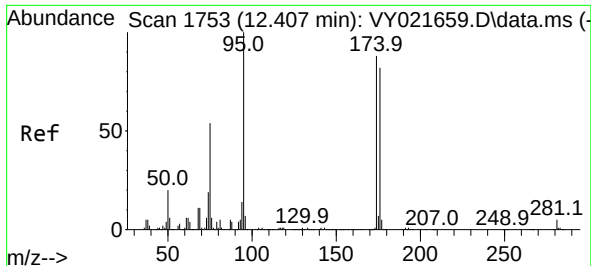
Tgt Ion:117 Resp: 22787
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.285 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021832.D
Acq: 10 Apr 2025 12:53

Tgt Ion: 98 Resp: 499853
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

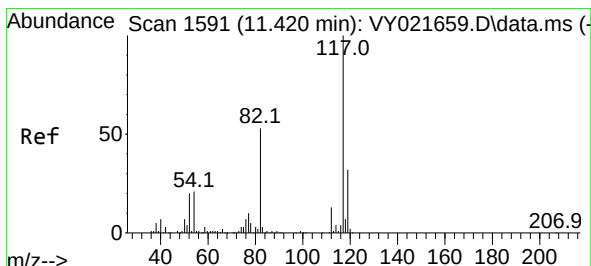
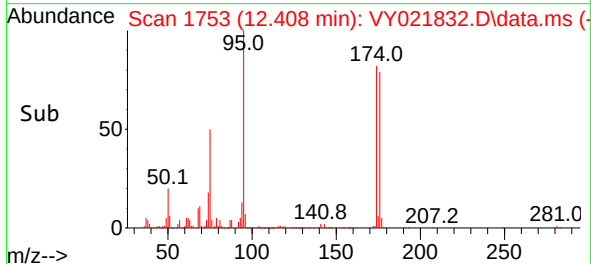
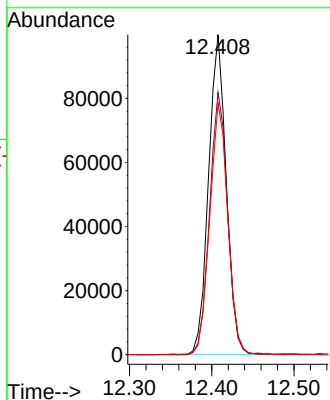
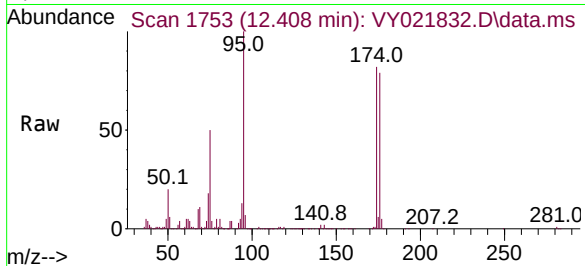




#62
4-Bromofluorobenzene
Concen: 43.235 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021832.D
Acq: 10 Apr 2025 12:53

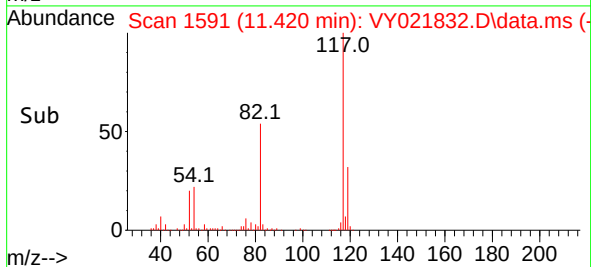
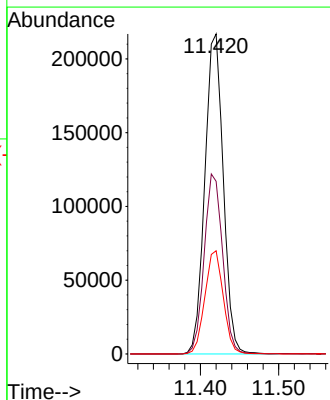
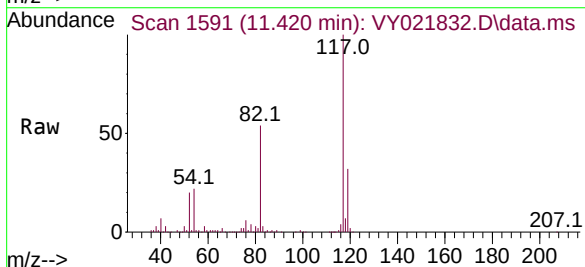
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TT-8-VOC

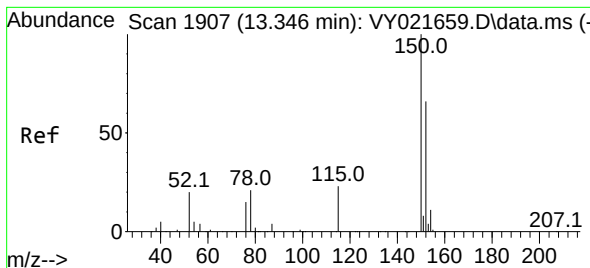
Tgt Ion: 95 Resp: 148318
Ion Ratio Lower Upper
95 100
174 84.4 0.0 170.8
176 80.3 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021832.D
Acq: 10 Apr 2025 12:53

Tgt Ion: 117 Resp: 354203
Ion Ratio Lower Upper
117 100
82 54.0 42.8 64.2
119 32.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021832.D

Acq: 10 Apr 2025 12:53

Instrument :

MSVOA_Y

ClientSampleId :

TT-8-VOC

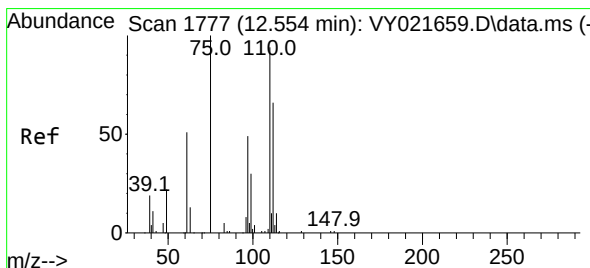
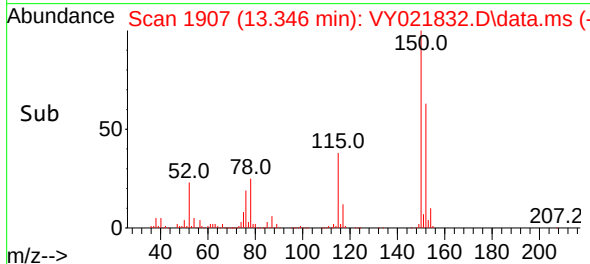
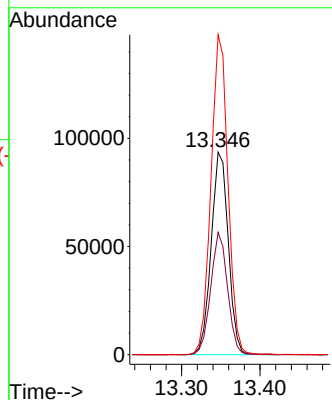
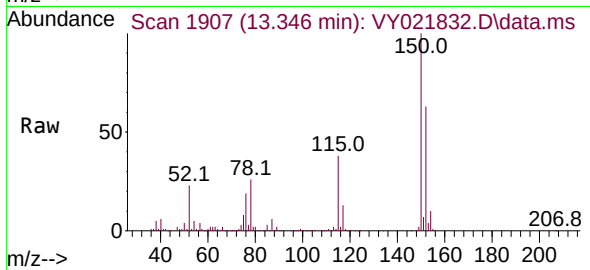
Tgt Ion:152 Resp: 142054

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 156.5 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 55.912 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021832.D

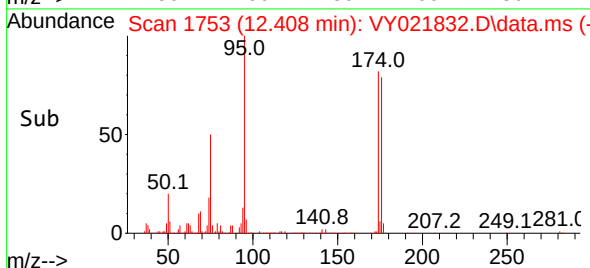
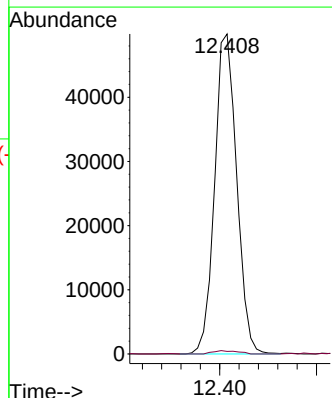
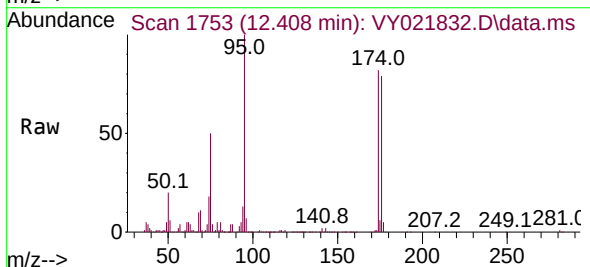
Acq: 10 Apr 2025 12:53

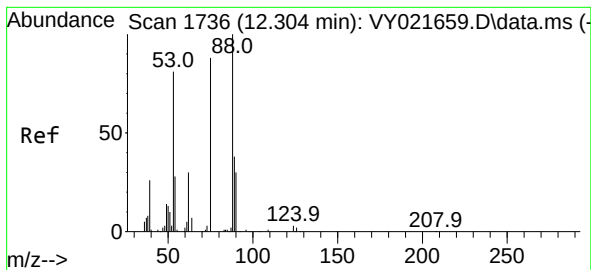
Tgt Ion: 75 Resp: 78731

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.831 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021832.D
 Acq: 10 Apr 2025 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-8-VOC

Tgt Ion: 75 Resp: 78731
 Ion Ratio Lower Upper
 75 100
 53 0.8 76.1 114.1#
 89 0.1 36.2 54.4#

