

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021762.D
 Acq On : 02 Apr 2025 16:05
 Operator : SY/MD
 Sample : Q1695-03
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-2-VOC

Quant Time: Apr 03 03:37:15 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)

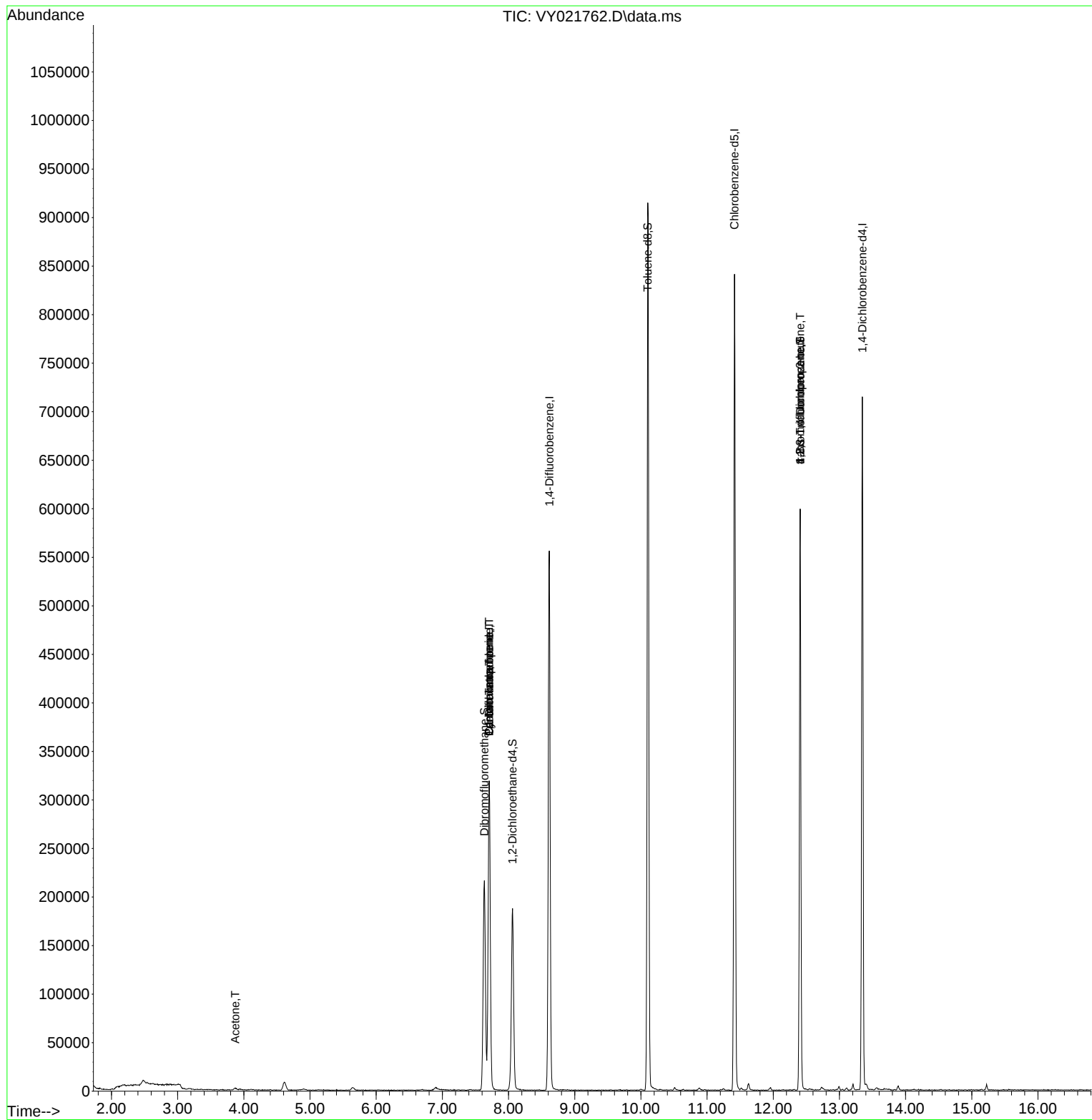
Internal Standards						
1) Pentafluorobenzene	7.707	168	240479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	461032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	427558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	172109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143777	55.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.360%	
35) Dibromofluoromethane	7.634	113	152434	50.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.940%	
50) Toluene-d8	10.103	98	572189	50.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.408	95	178094	46.278	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.560%	
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	3670	6.882	ug/l #	87
20) Methylene Chloride	4.616	84	6106	Below Cal		96
31) Cyclohexane	7.707	56	5689	1.237	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	19080	4.189	ug/l #	51
38) Carbon Tetrachloride	7.707	117	24820	4.757	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	95449	55.948	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	95449	128.913	ug/l #	12

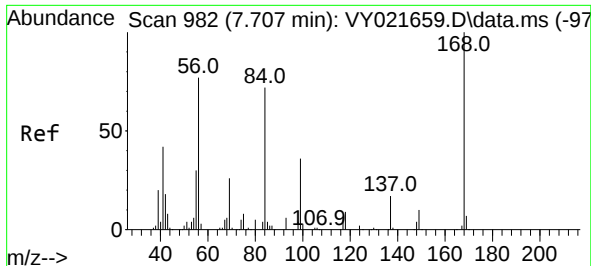
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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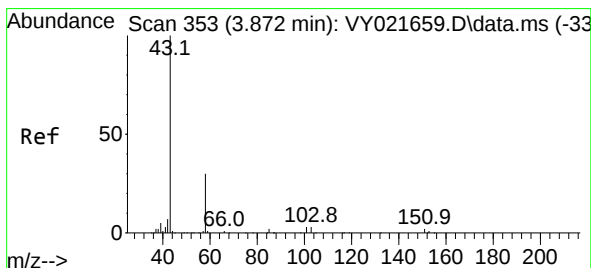
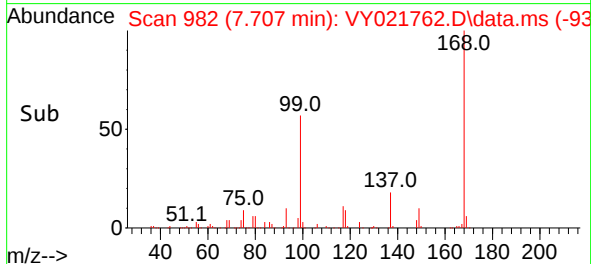
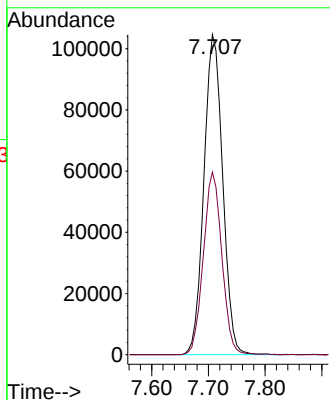
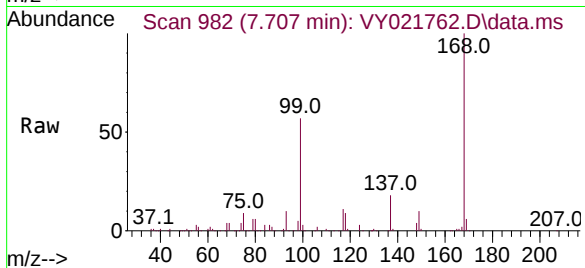




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

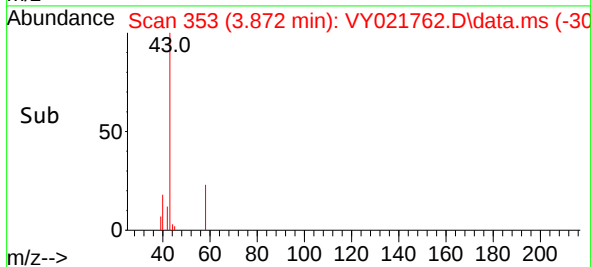
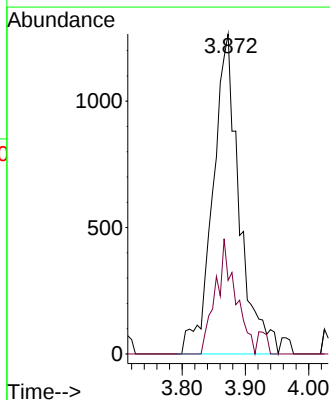
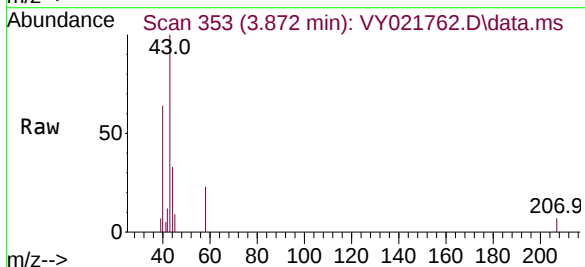
Instrument :
MSVOA_Y
ClientSampleId :
TT-2-VOC

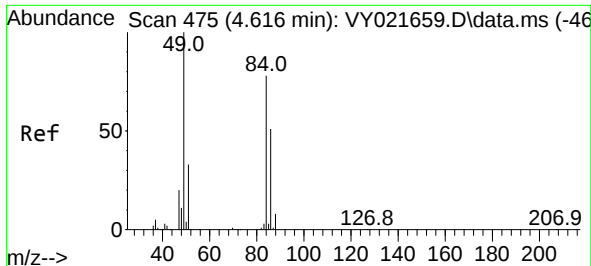
Tgt Ion:168 Resp: 240479
Ion Ratio Lower Upper
168 100
99 57.0 46.7 70.1



#16
Acetone
Concen: 6.882 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

Tgt Ion: 43 Resp: 3670
Ion Ratio Lower Upper
43 100
58 23.0 24.2 36.4#



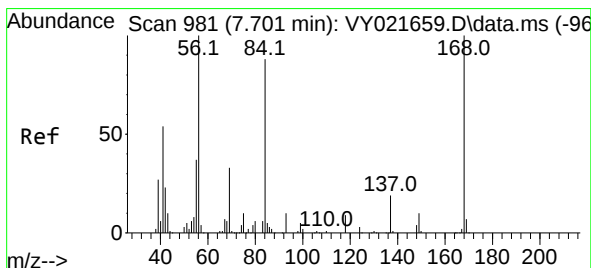
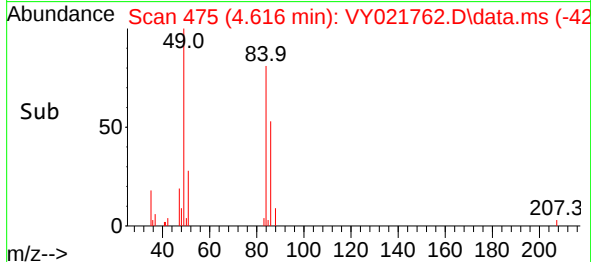
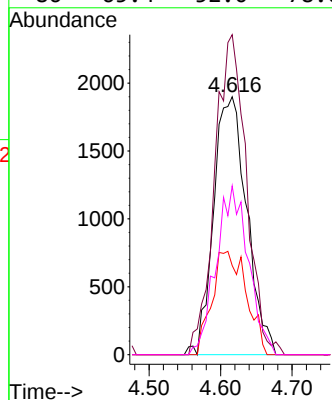
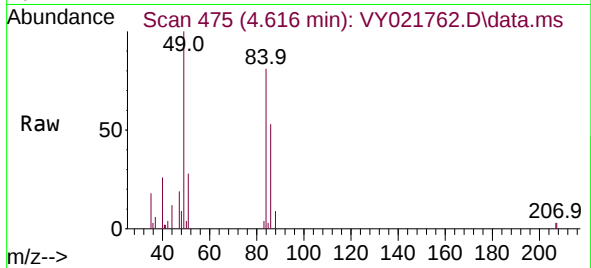


#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

Instrument :
MSVOA_Y
ClientSampleId :
TT-2-VOC

Tgt Ion: 84 Resp: 6106

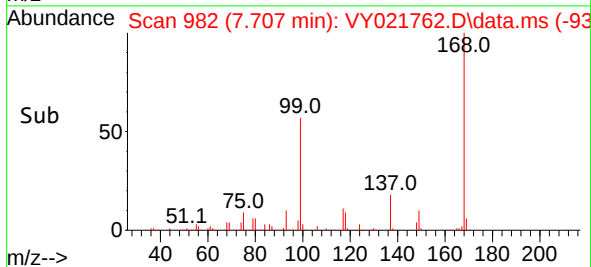
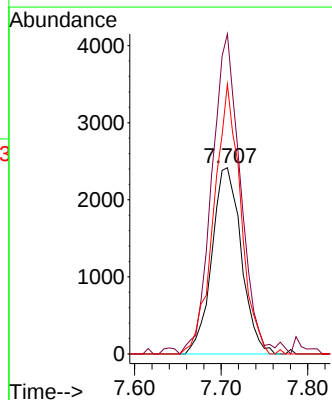
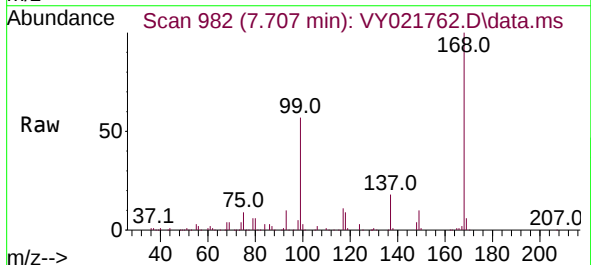
Ion	Ratio	Lower	Upper
84	100		
49	124.1	102.8	154.2
51	34.5	33.5	50.3
86	65.4	52.0	78.0

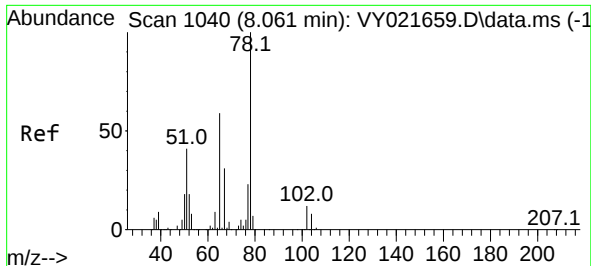


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

Tgt Ion: 56 Resp: 5689

Ion	Ratio	Lower	Upper
56	100		
69	171.8	26.6	40.0#
84	144.9	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 55.182 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021762.D

Acq: 02 Apr 2025 16:05

Instrument :

MSVOA_Y

ClientSampleId :

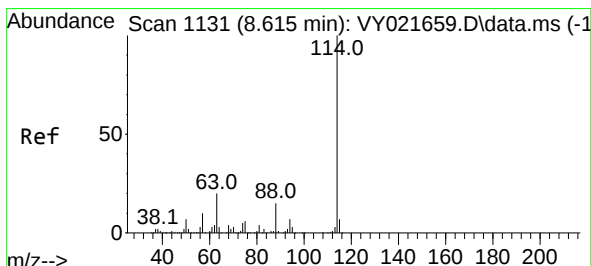
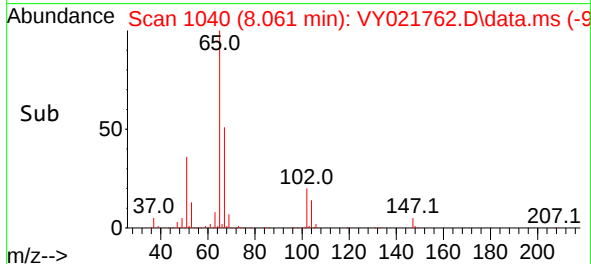
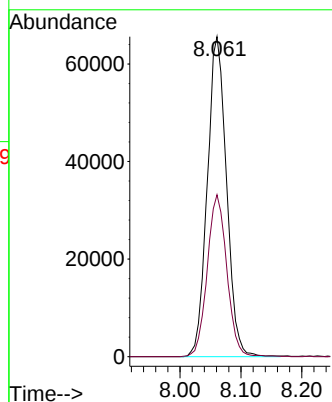
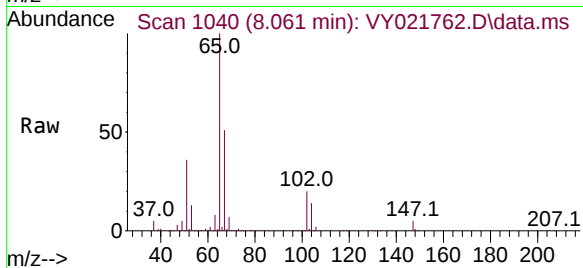
TT-2-VOC

Tgt Ion: 65 Resp: 143777

Ion Ratio Lower Upper

65 100

67 51.6 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: VY021762.D

Acq: 02 Apr 2025 16:05

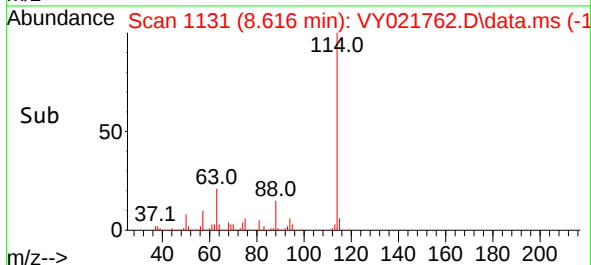
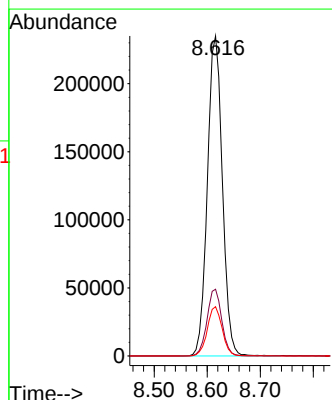
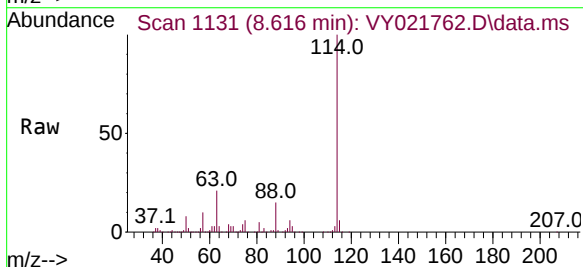
Tgt Ion: 114 Resp: 461032

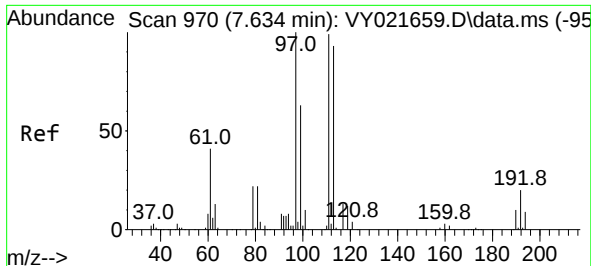
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 15.4 0.0 29.8

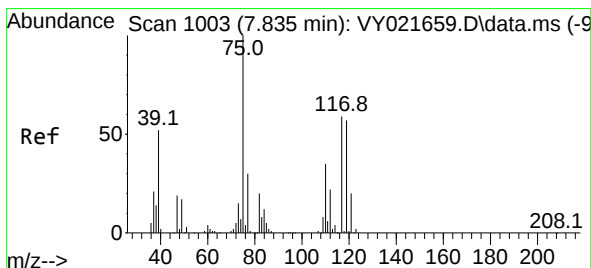
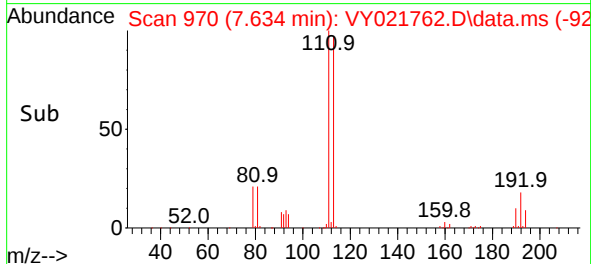
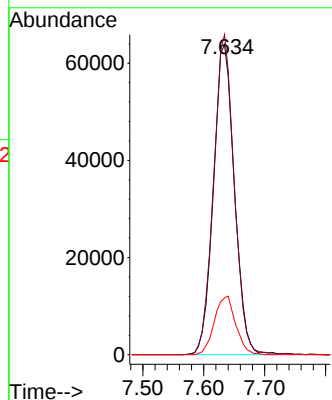
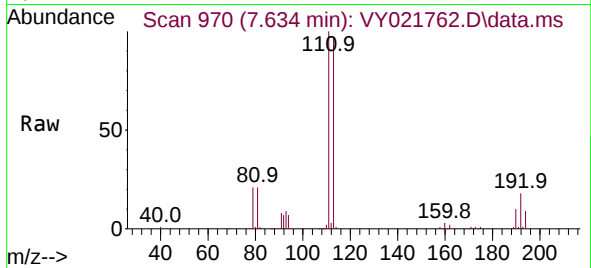




#35
Dibromofluoromethane
Concen: 50.970 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

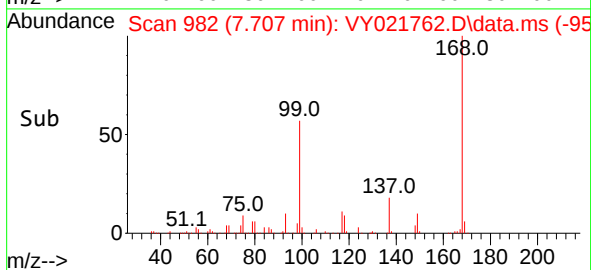
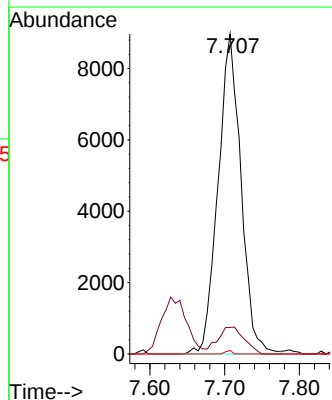
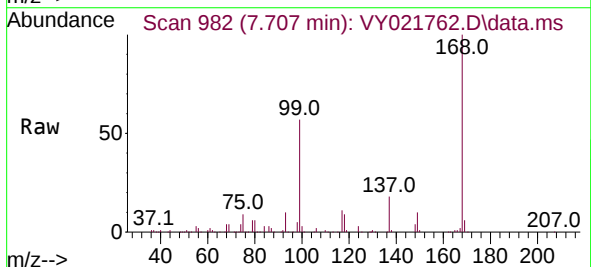
Instrument :
MSVOA_Y
ClientSampleId :
TT-2-VOC

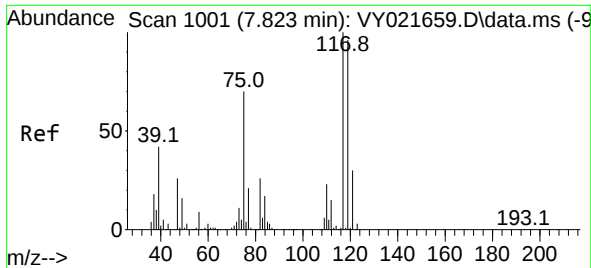
Tgt Ion:113 Resp: 152434
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.189 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

Tgt Ion: 75 Resp: 19080
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.3 24.8 37.2#

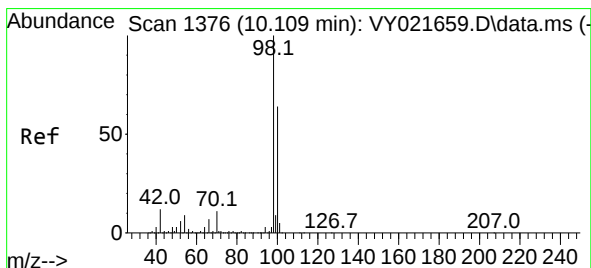
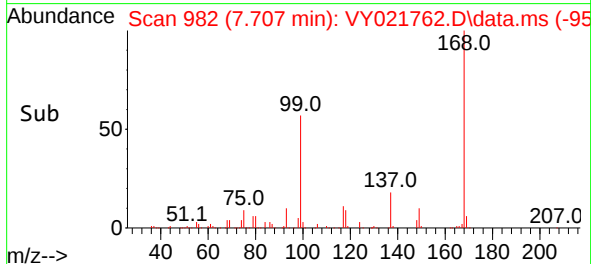
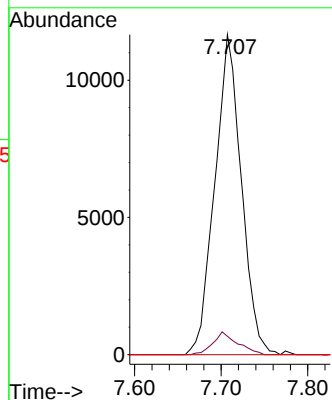
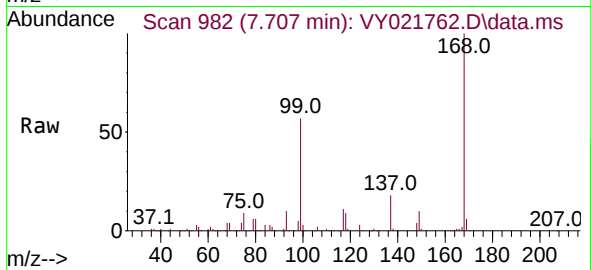




#38
Carbon Tetrachloride
Concen: 4.757 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

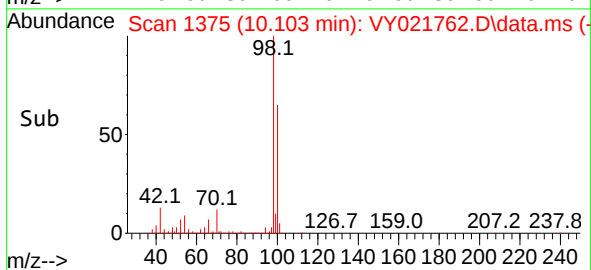
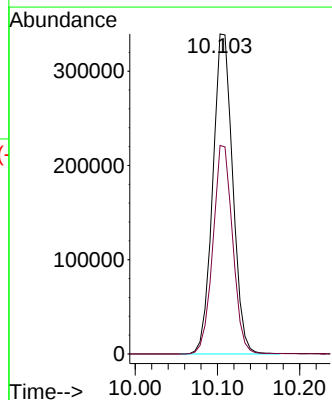
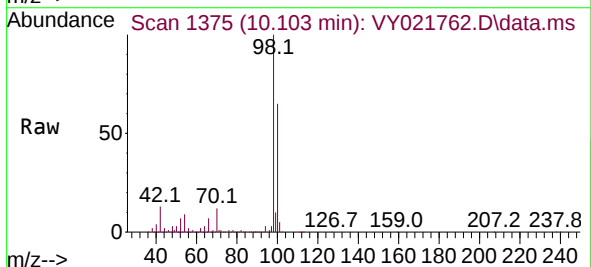
Instrument :
MSVOA_Y
ClientSampleId :
TT-2-VOC

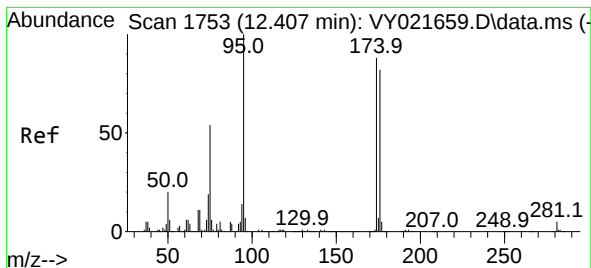
Tgt Ion: 117 Resp: 24820
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.292 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

Tgt Ion: 98 Resp: 572189
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

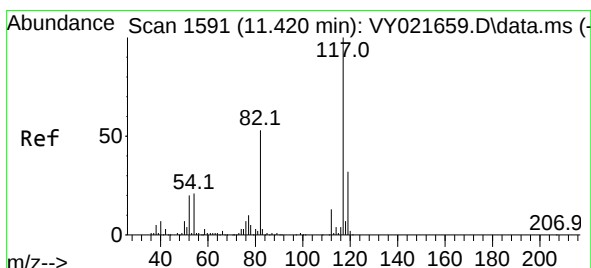
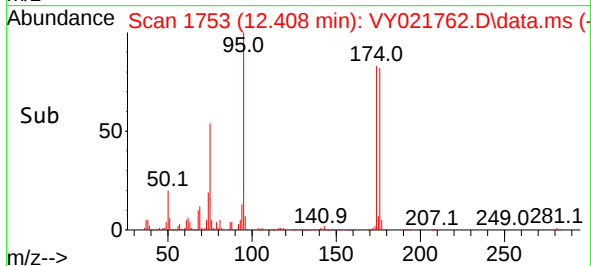
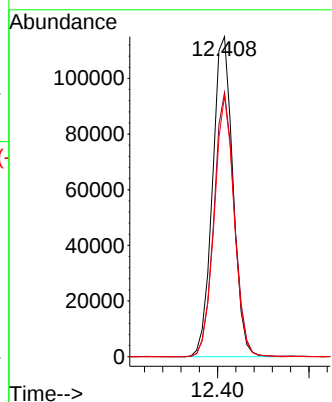
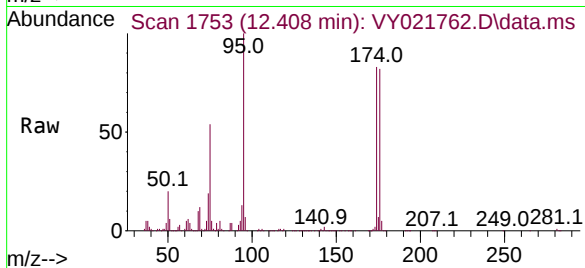




#62
4-Bromofluorobenzene
Concen: 46.278 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

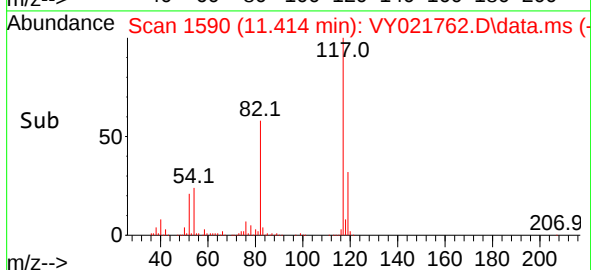
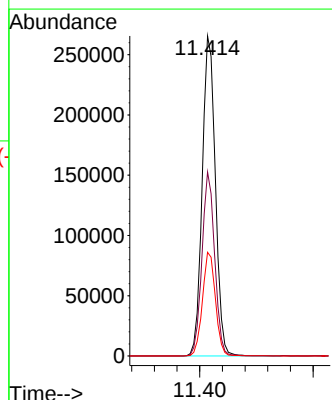
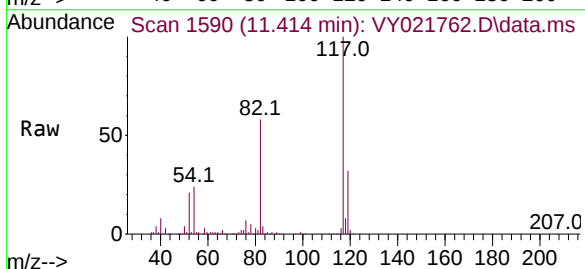
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MSVOA_Y
ClientSampleId :
TT-2-VOC

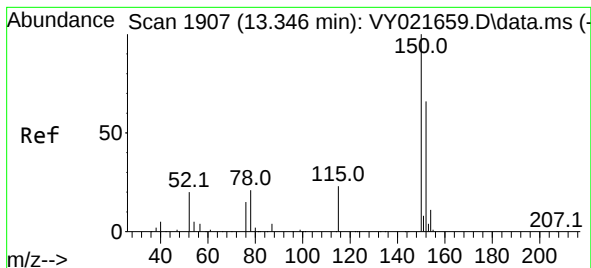
Tgt Ion: 95 Resp: 178094
Ion Ratio Lower Upper
95 100
174 82.7 0.0 170.8
176 79.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

Tgt Ion: 117 Resp: 427558
Ion Ratio Lower Upper
117 100
82 57.5 42.8 64.2
119 32.4 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: VY021762.D

Acq: 02 Apr 2025 16:05

Instrument :

MSVOA_Y

ClientSampleId :

TT-2-VOC

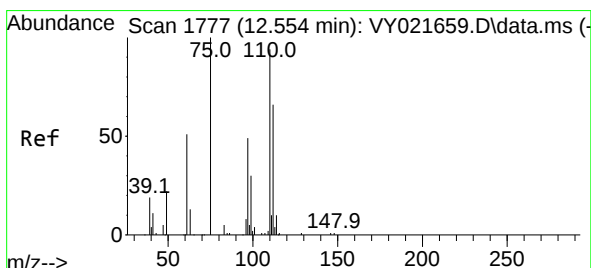
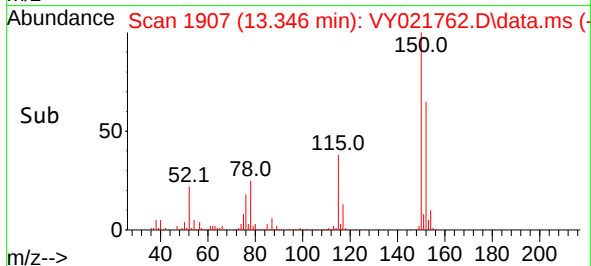
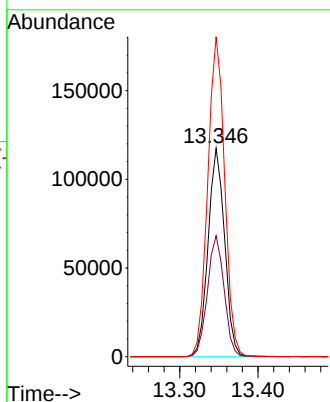
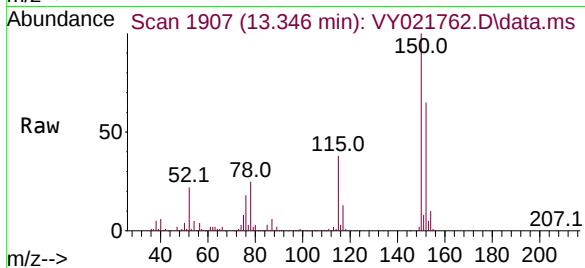
Tgt Ion:152 Resp: 172109

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 157.0 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 55.948 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021762.D

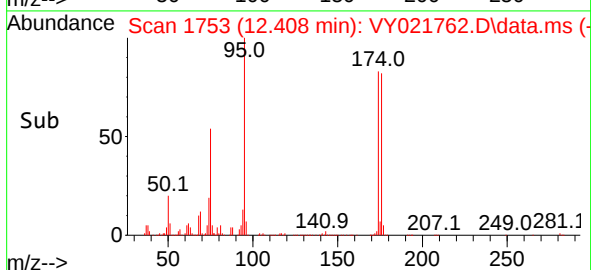
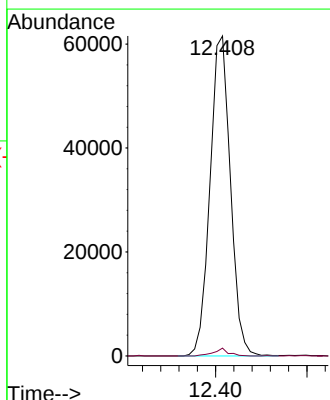
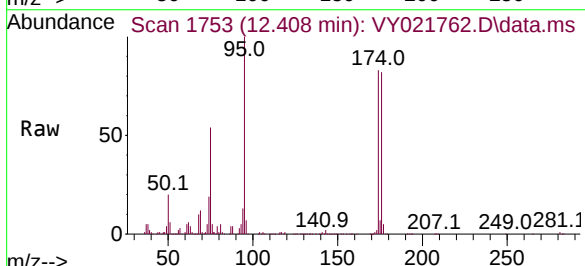
Acq: 02 Apr 2025 16:05

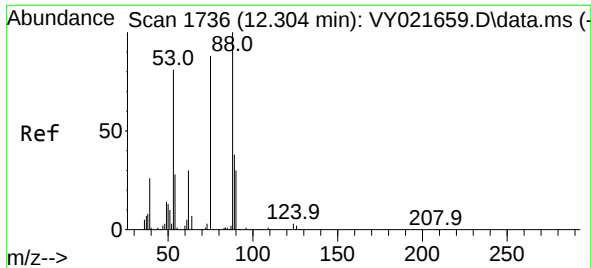
Tgt Ion: 75 Resp: 95449

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.913 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021762.D
 Acq: 02 Apr 2025 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-2-VOC

Tgt Ion: 75 Resp: 95449
 Ion Ratio Lower Upper
 75 100
 53 0.3 76.1 114.1#
 89 0.0 36.2 54.4#

