

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021773.D
 Acq On : 03 Apr 2025 15:07
 Operator : SY/MD
 Sample : Q1695-07
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-3-VOC

Quant Time: Apr 04 01:31:56 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)

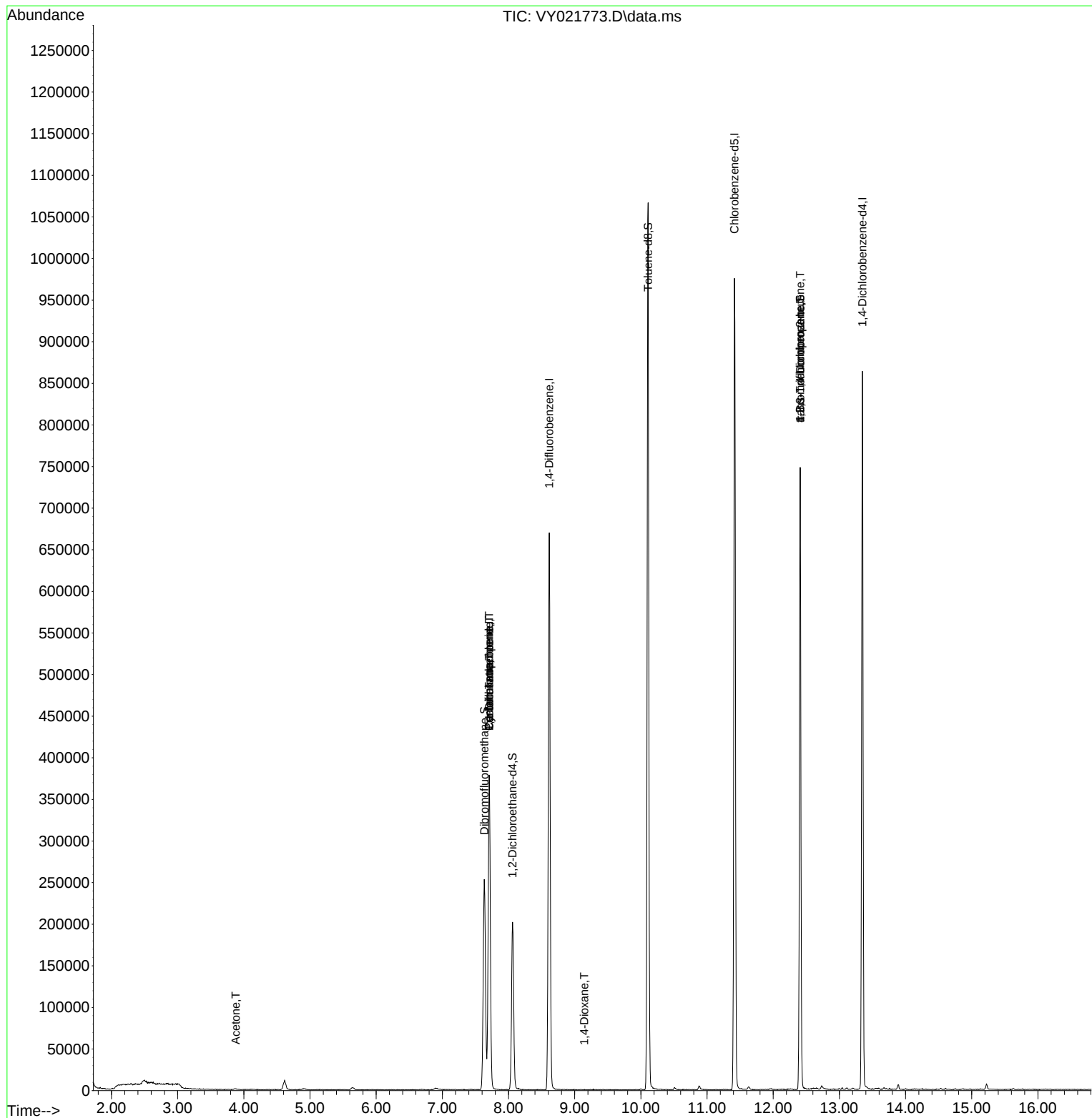
Internal Standards						
1) Pentafluorobenzene	7.707	168	282547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	548072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	508974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	204741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160322	52.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.740%	
35) Dibromofluoromethane	7.634	113	177538	49.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.880%	
50) Toluene-d8	10.109	98	678611	50.174	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	12.408	95	215547	47.115	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.240%	
Target Compounds						
						Qvalue
16) Acetone	3.879	43	1615	2.578	ug/l	94
20) Methylene Chloride	4.610	84	7068	Below Cal		89
31) Cyclohexane	7.707	56	5941	1.100	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	23570	4.353	ug/l #	49
38) Carbon Tetrachloride	7.707	117	28743	4.634	ug/l #	17
49) 1,4-Dioxane	9.146	88	32	1.350	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	114329	56.333	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	114329	129.801	ug/l #	12

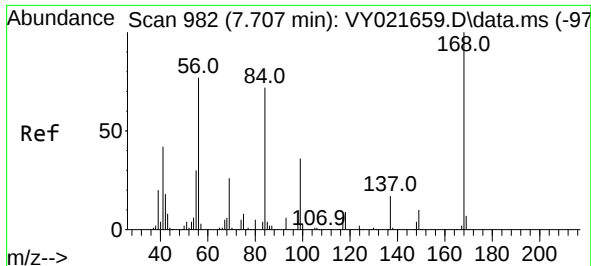
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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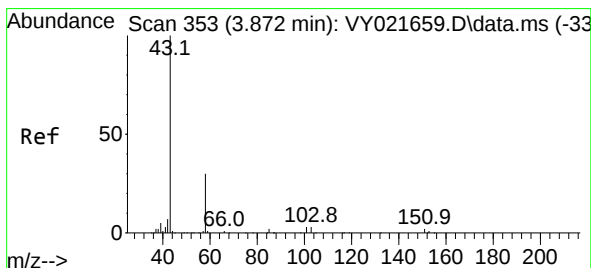
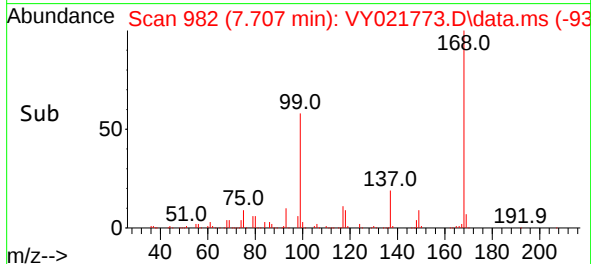
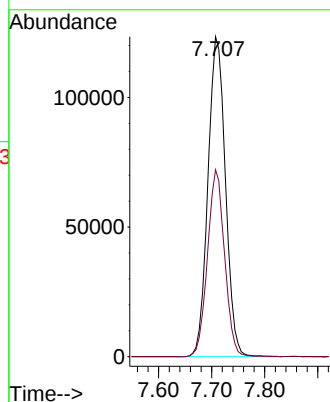
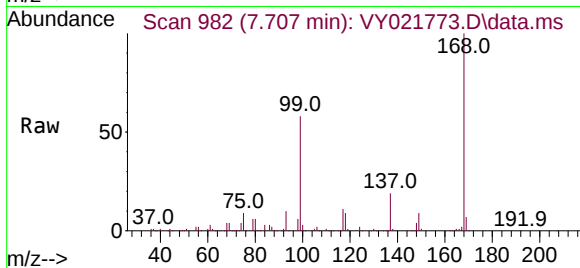




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021773.D
Acq: 03 Apr 2025 15:07

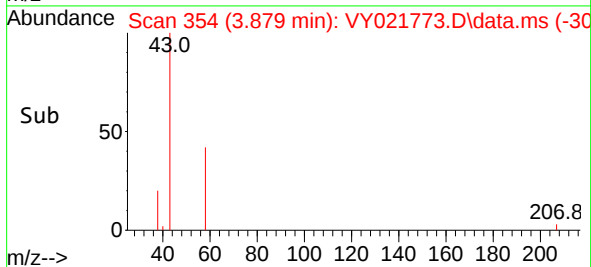
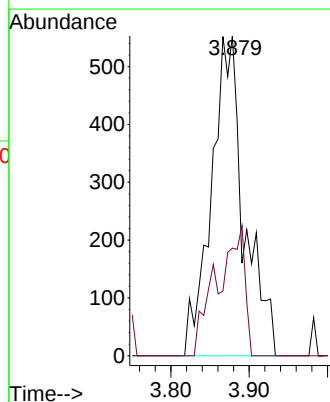
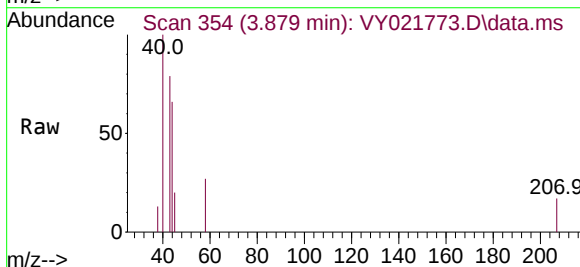
Instrument :
MSVOA_Y
ClientSampleId :
TT-3-VOC

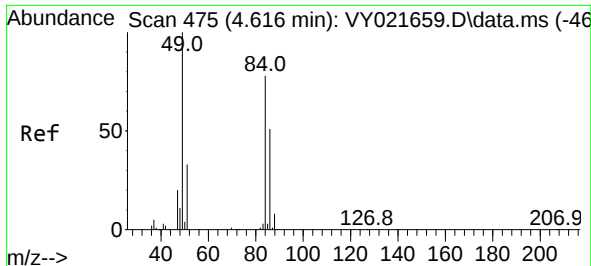
Tgt Ion:168 Resp: 282547
Ion Ratio Lower Upper
168 100
99 58.4 46.7 70.1



#16
Acetone
Concen: 2.578 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021773.D
Acq: 03 Apr 2025 15:07

Tgt Ion: 43 Resp: 1615
Ion Ratio Lower Upper
43 100
58 33.6 24.2 36.4



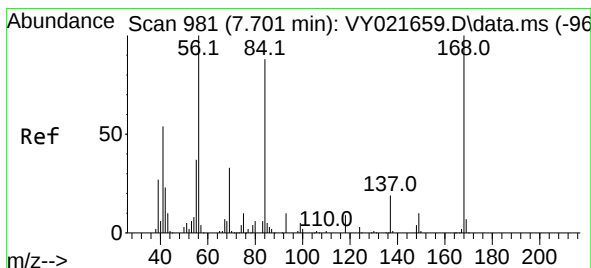
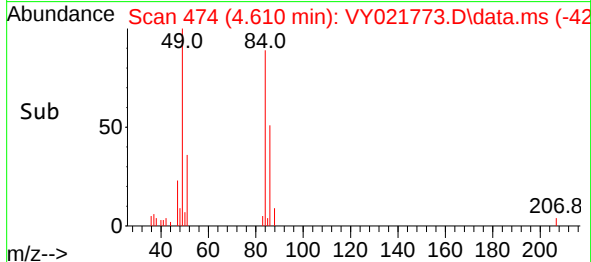
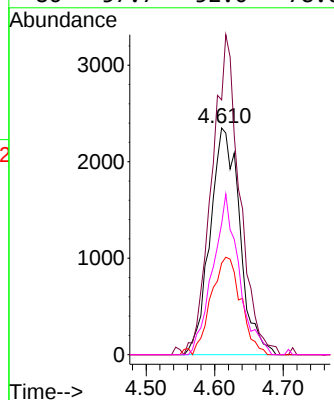
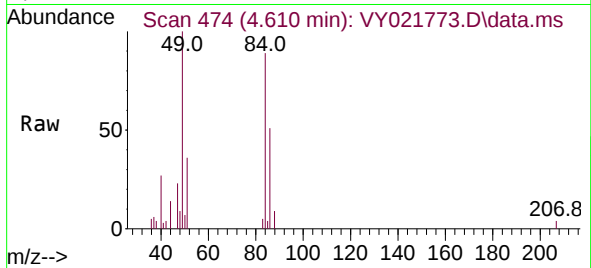


#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021773.D
Acq: 03 Apr 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
TT-3-VOC

Tgt Ion: 84 Resp: 7068

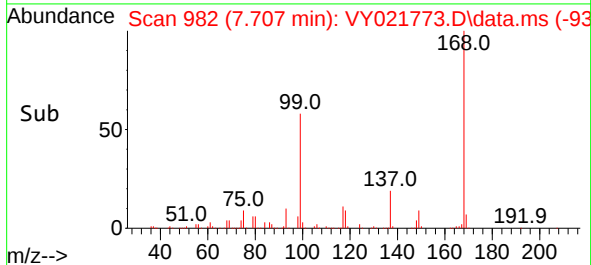
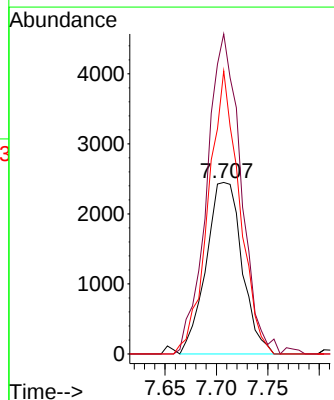
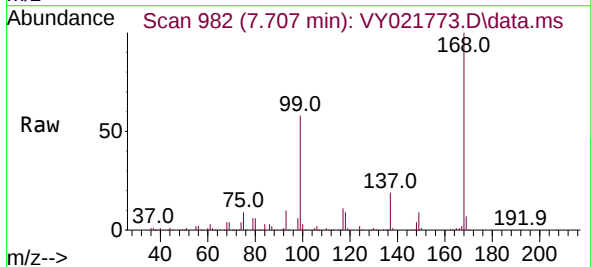
Ion	Ratio	Lower	Upper
84	100		
49	112.3	102.8	154.2
51	40.4	33.5	50.3
86	57.7	52.0	78.0

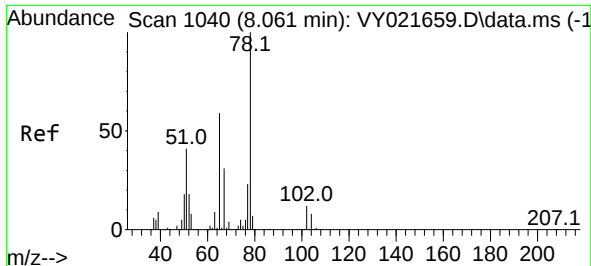


#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021773.D
Acq: 03 Apr 2025 15:07

Tgt Ion: 56 Resp: 5941

Ion	Ratio	Lower	Upper
56	100		
69	186.6	26.6	40.0#
84	165.0	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 52.370 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021773.D

Acq: 03 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

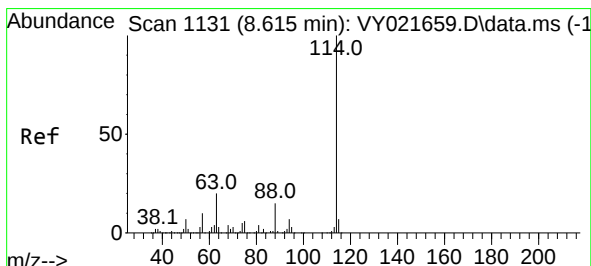
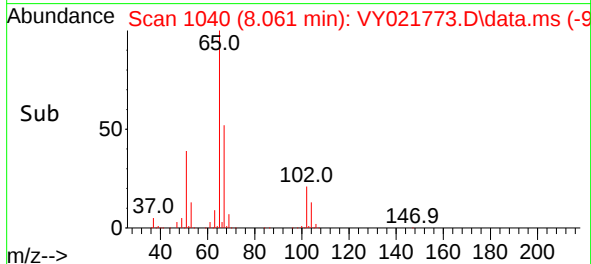
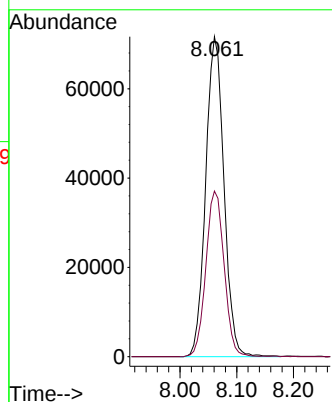
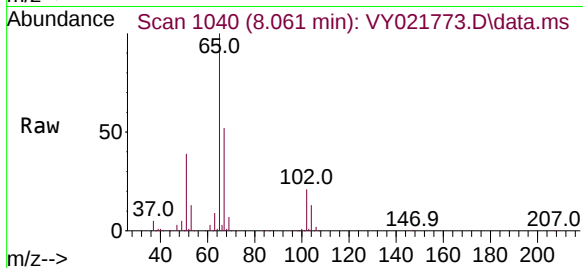
TT-3-VOC

Tgt Ion: 65 Resp: 160322

Ion Ratio Lower Upper

65 100

67 51.8 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: VY021773.D

Acq: 03 Apr 2025 15:07

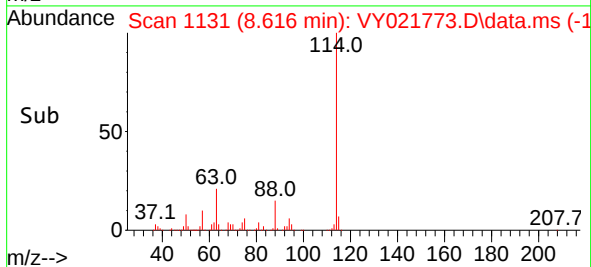
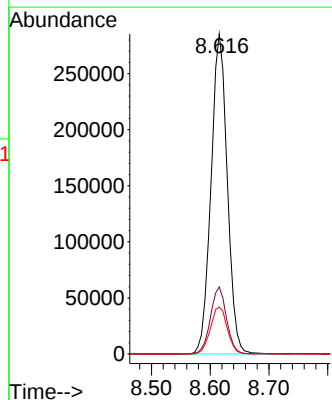
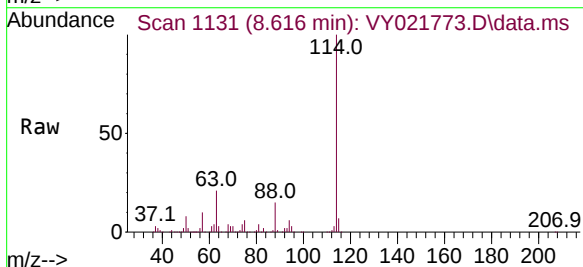
Tgt Ion: 114 Resp: 548072

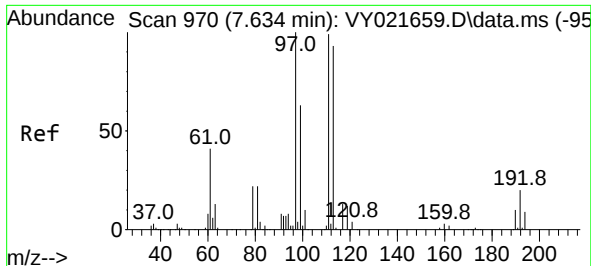
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 14.7 0.0 29.8

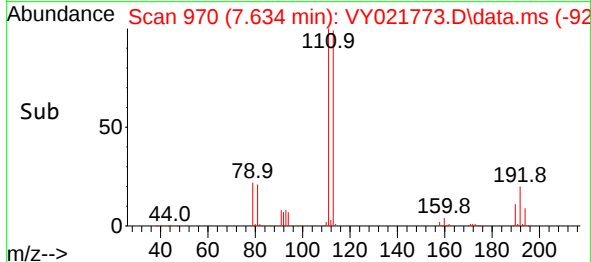
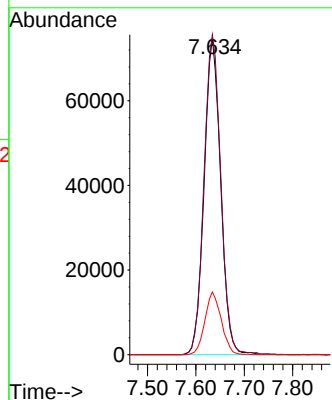
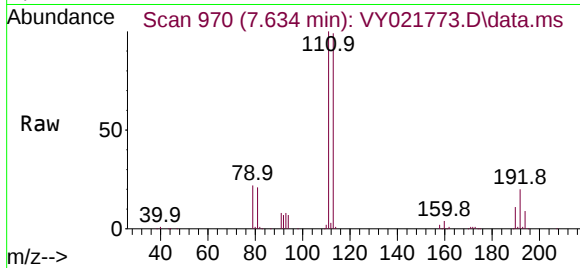




#35
Dibromofluoromethane
Concen: 49.937 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021773.D
Acq: 03 Apr 2025 15:07

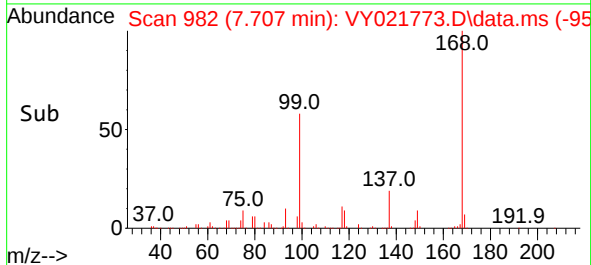
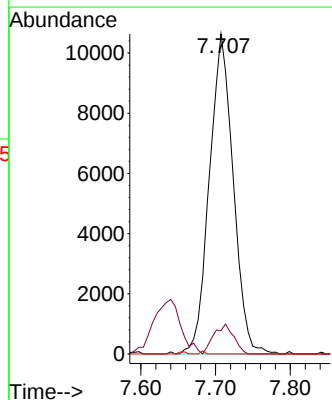
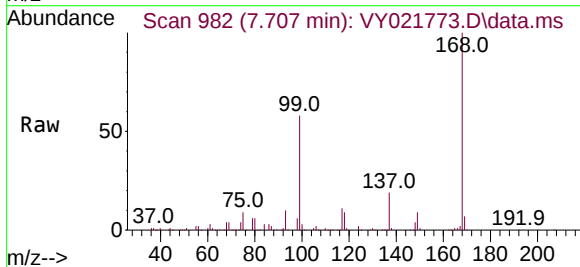
Instrument :
MSVOA_Y
ClientSampleId :
TT-3-VOC

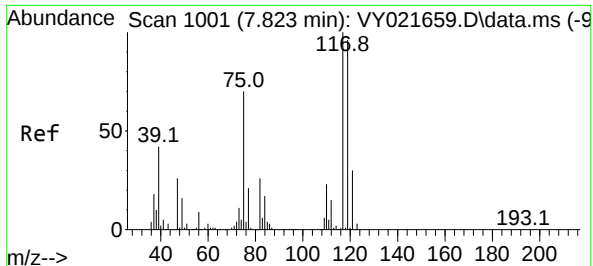
Tgt Ion:113 Resp: 177538
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 19.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.353 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021773.D
Acq: 03 Apr 2025 15:07

Tgt Ion: 75 Resp: 23570
Ion Ratio Lower Upper
75 100
110 7.8 17.0 50.9#
77 0.0 24.8 37.2#

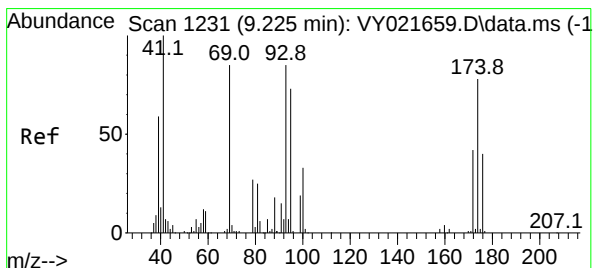
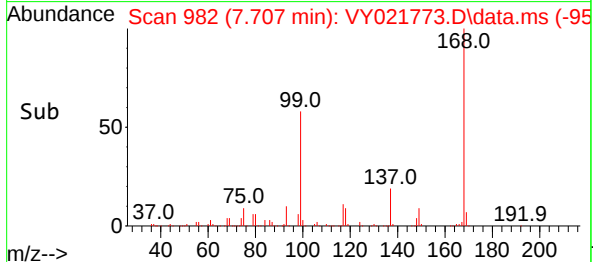
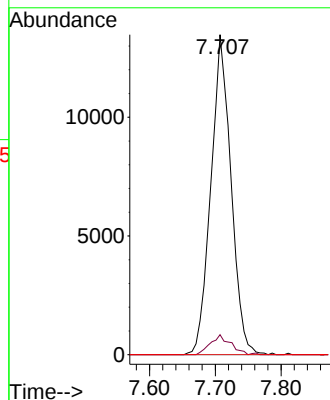
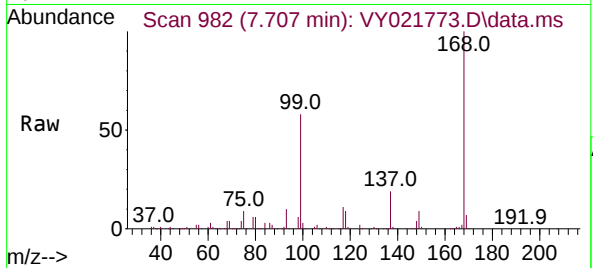




#38
Carbon Tetrachloride
Concen: 4.634 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021773.D
Acq: 03 Apr 2025 15:07

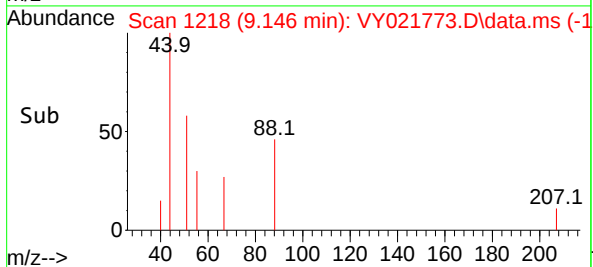
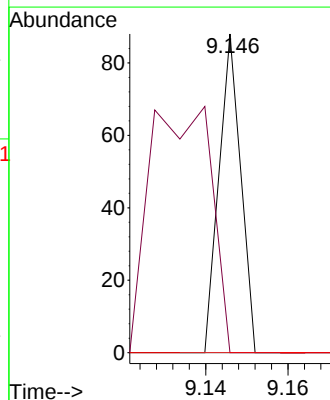
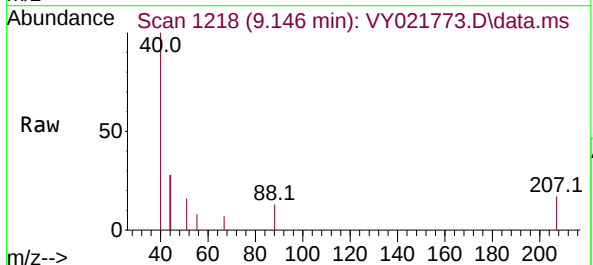
Instrument :
MSVOA_Y
ClientSampleId :
TT-3-VOC

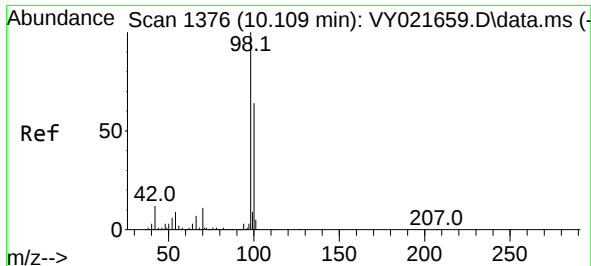
Tgt Ion:117 Resp: 28743
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.4#
121 0.0 24.2 36.4#



#49
1,4-Dioxane
Concen: 1.350 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. -0.079 min
Lab File: VY021773.D
Acq: 03 Apr 2025 15:07

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 221.9 28.8 43.2#
58 0.0 59.4 89.2#

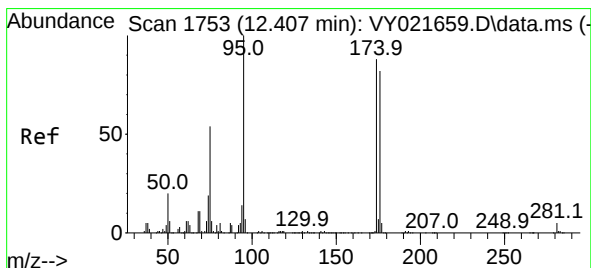
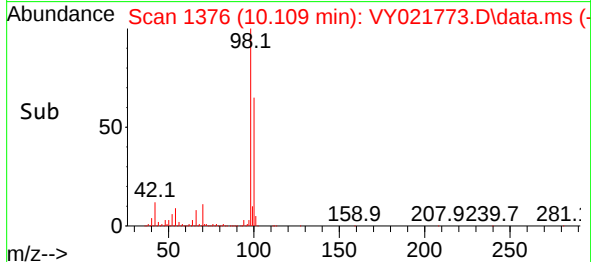
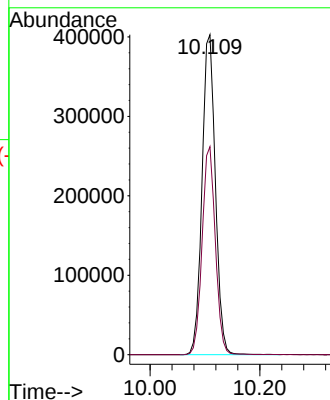
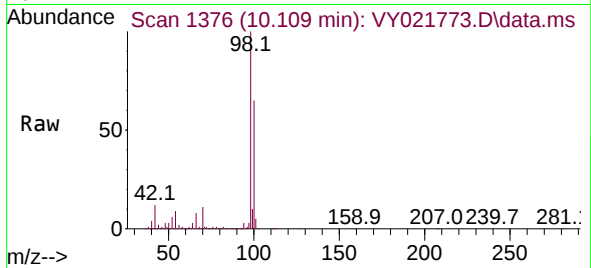




#50
Toluene-d8
Concen: 50.174 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021773.D
Acq: 03 Apr 2025 15:07

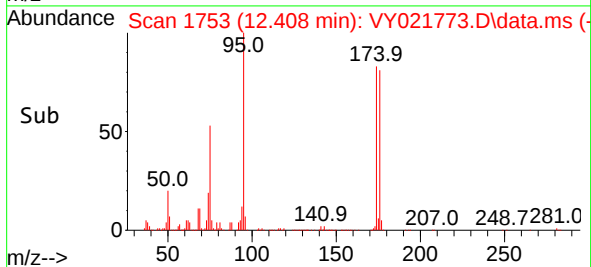
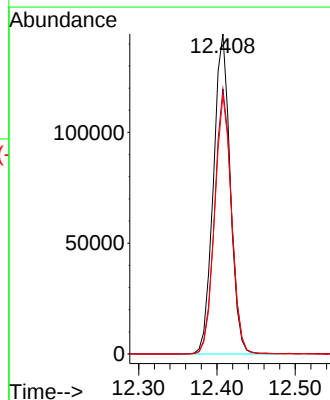
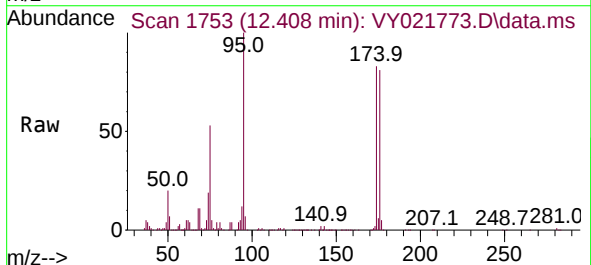
Instrument :
MSVOA_Y
ClientSampleId :
TT-3-VOC

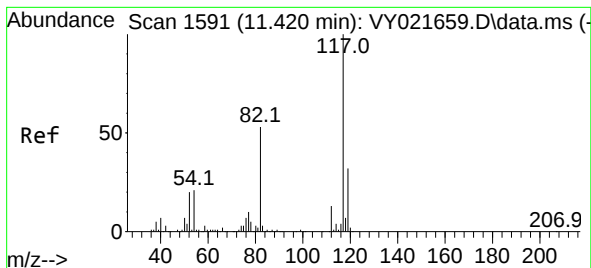
Tgt Ion: 98 Resp: 678611
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.115 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021773.D
Acq: 03 Apr 2025 15:07

Tgt Ion: 95 Resp: 215547
Ion Ratio Lower Upper
95 100
174 83.3 0.0 170.8
176 80.9 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: VY021773.D

Acq: 03 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

TT-3-VOC

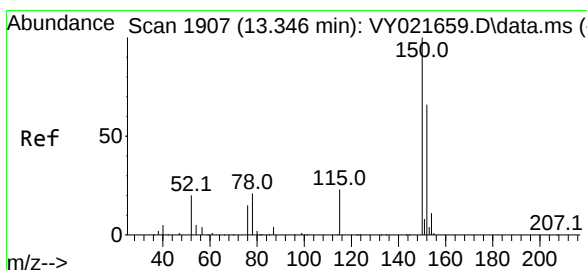
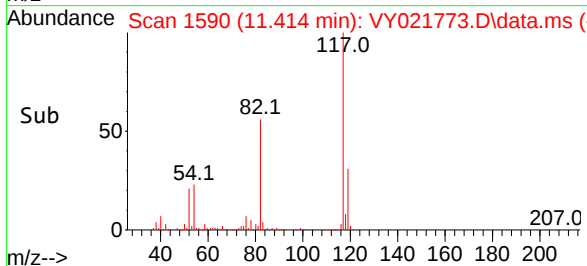
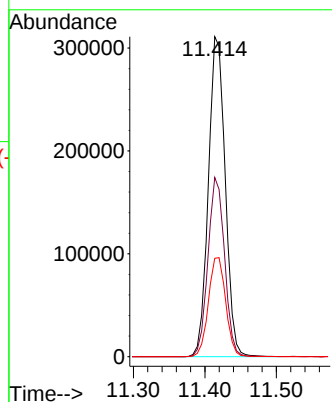
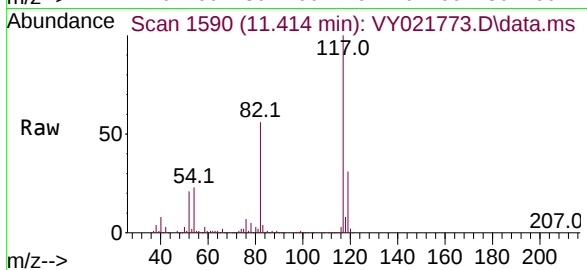
Tgt Ion:117 Resp: 508974

Ion Ratio Lower Upper

117 100

82 56.0 42.8 64.2

119 30.8 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: VY021773.D

Acq: 03 Apr 2025 15:07

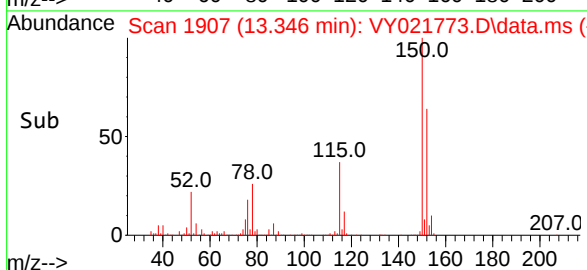
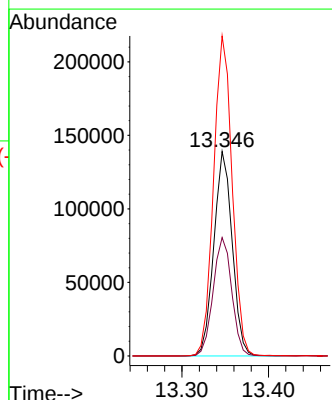
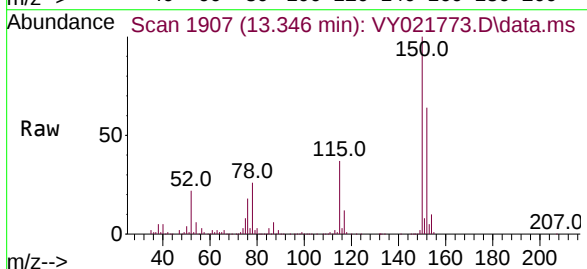
Tgt Ion:152 Resp: 204741

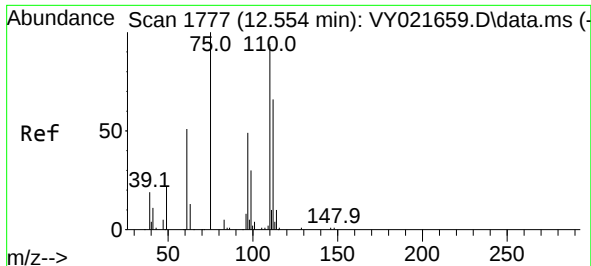
Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 158.6 0.0 348.4

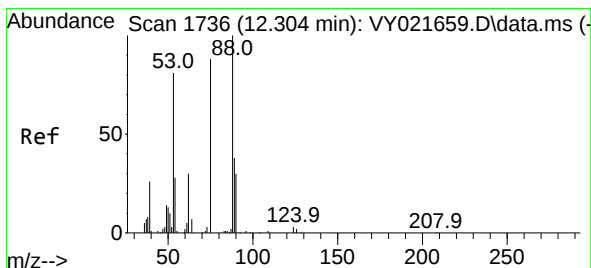
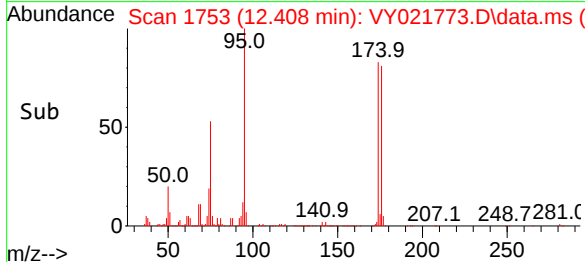
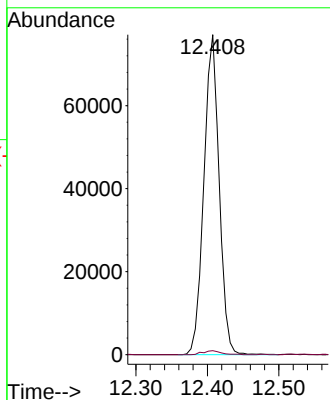
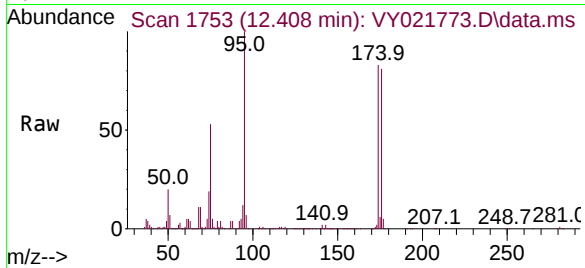




#76
1,2,3-Trichloropropane
Concen: 56.333 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021773.D
Acq: 03 Apr 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
TT-3-VOC

Tgt Ion: 75 Resp: 114329
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.801 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021773.D
Acq: 03 Apr 2025 15:07

Tgt Ion: 75 Resp: 114329
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 36.2 54.4#

