

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021875.D
 Acq On : 14 Apr 2025 17:24
 Operator : SY/MD
 Sample : Q1756-03
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9-VOC

Quant Time: Apr 14 23:33:59 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)

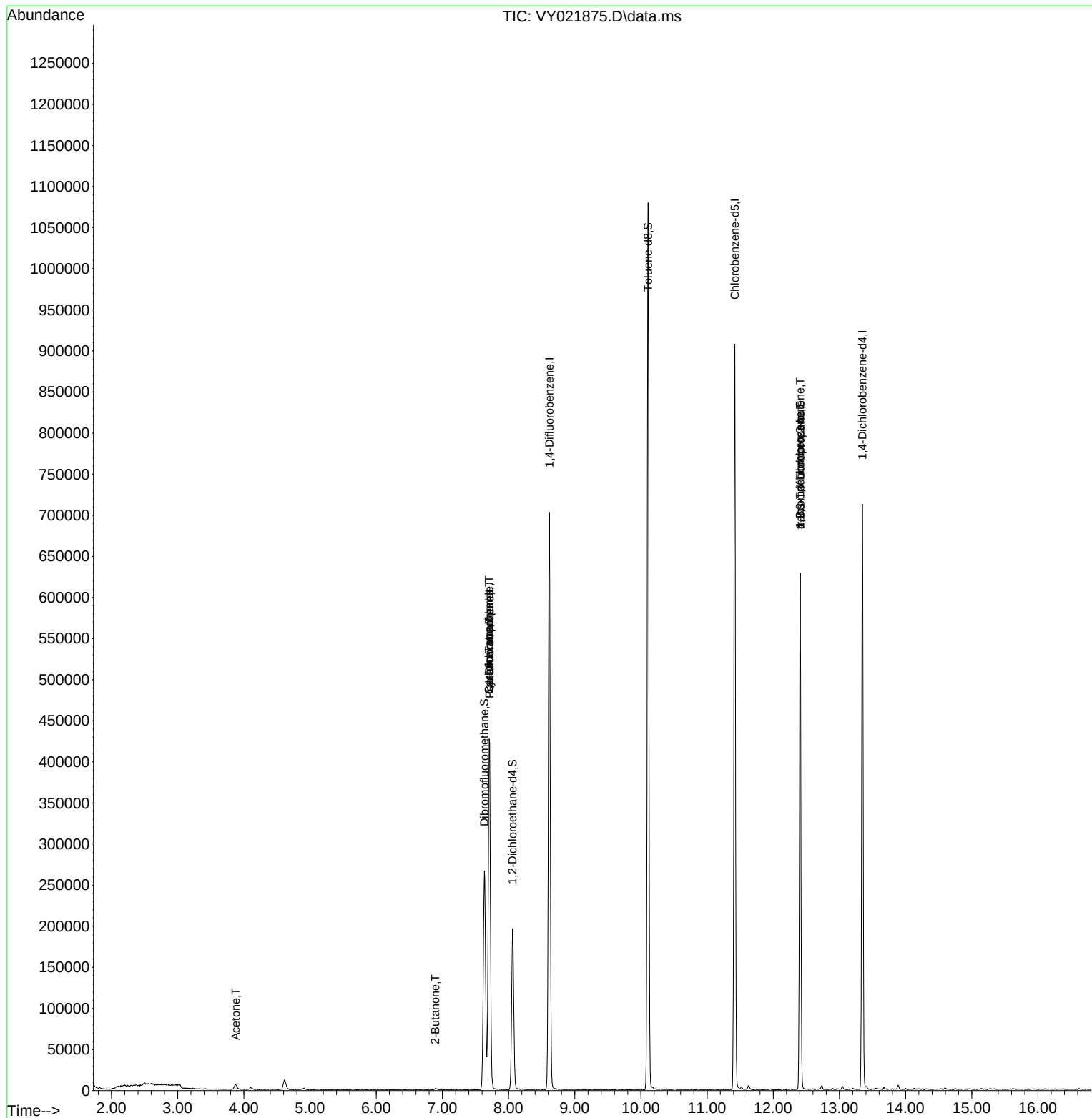
Internal Standards						
1) Pentafluorobenzene	7.713	168	328910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	591758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	477998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	171208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	156290	43.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.720%
35) Dibromofluoromethane	7.634	113	185099	48.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.109	98	688402	47.140	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.280%
62) 4-Bromofluorobenzene	12.407	95	187450	37.949	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.900%
Target Compounds						
					Qvalue	
16) Acetone	3.878	43	11414	15.650	ug/l	99
20) Methylene Chloride	4.616	84	8091	Below Cal		93
25) 2-Butanone	6.890	43	2092	2.008	ug/l	95
31) Cyclohexane	7.707	56	7476	1.189	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	25445	4.352	ug/l #	50
38) Carbon Tetrachloride	7.707	117	33631	5.022	ug/l #	17
76) 1,2,3-Trichloropropane	12.407	75	97588	57.502	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	97588	132.495	ug/l #	12

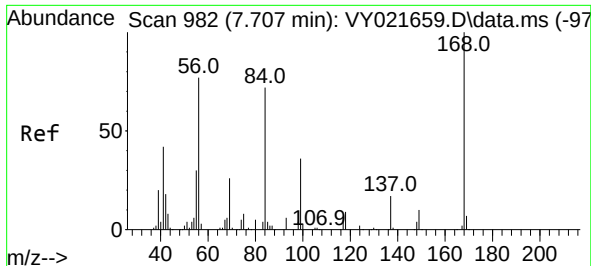
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 14 23:33:59 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

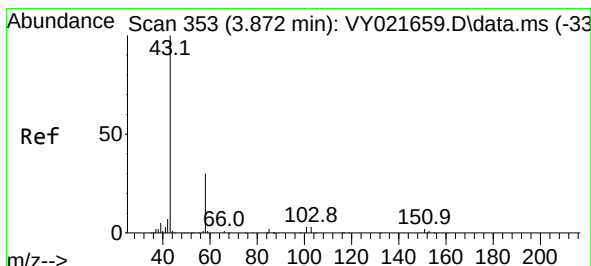
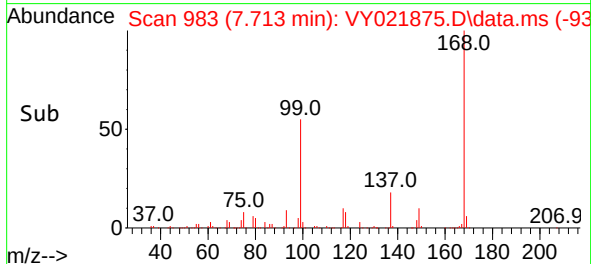
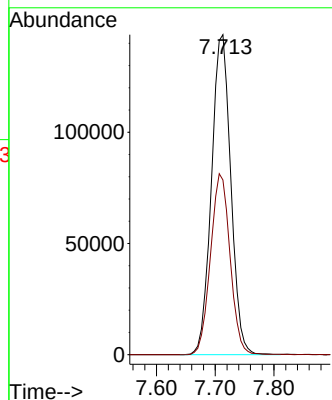
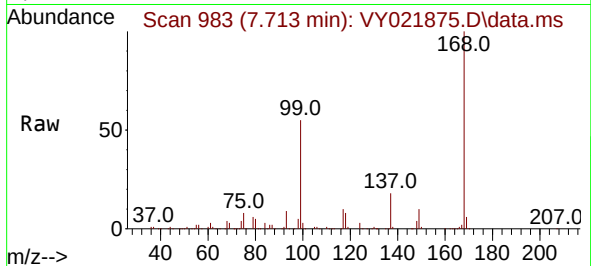




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

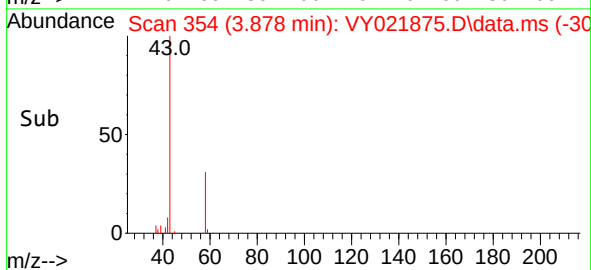
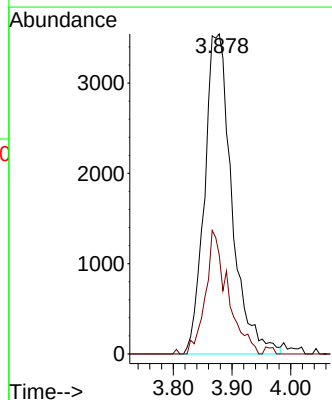
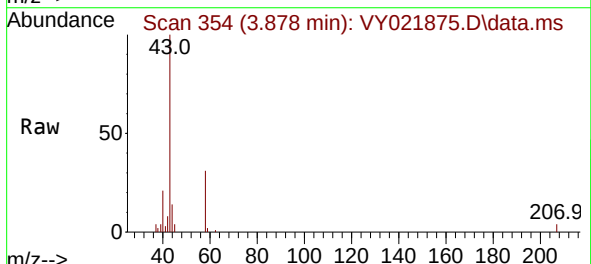
Instrument :
MSVOA_Y
ClientSampleId :
TP-9-VOC

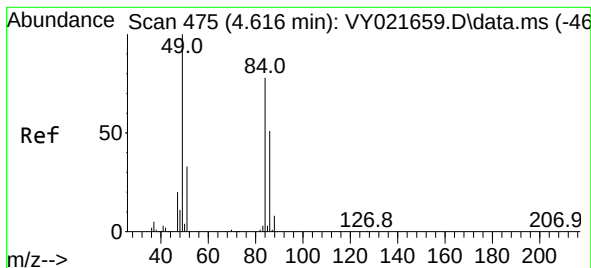
Tgt Ion:168 Resp: 328910
Ion Ratio Lower Upper
168 100
99 54.6 46.7 70.1



#16
Acetone
Concen: 15.650 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

Tgt Ion: 43 Resp: 11414
Ion Ratio Lower Upper
43 100
58 30.9 24.2 36.4





#20

Methylene Chloride

Concen: Below Cal

RT: 4.616 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY021875.D

Acq: 14 Apr 2025 17:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-9-VOC

Tgt Ion: 84 Resp: 8091

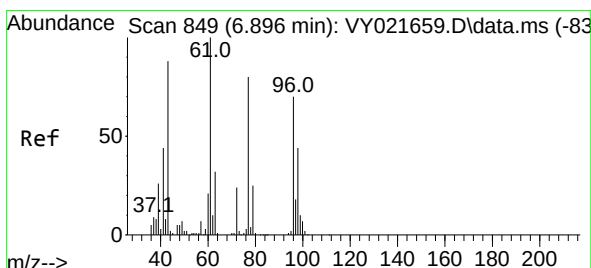
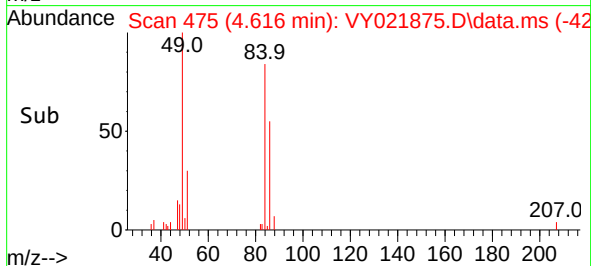
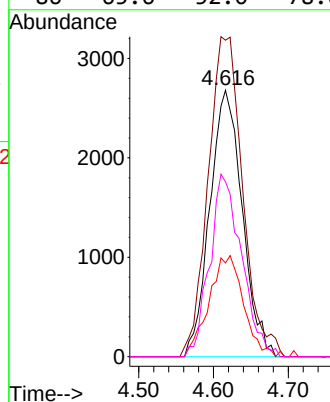
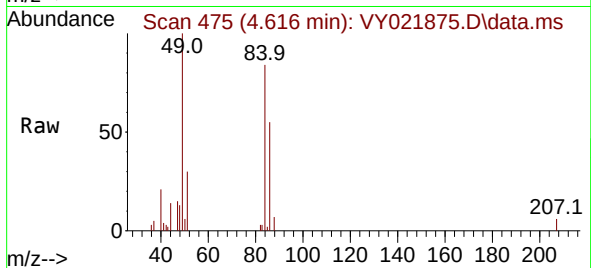
Ion Ratio Lower Upper

84 100

49 118.8 102.8 154.2

51 35.2 33.5 50.3

86 65.6 52.0 78.0



#25

2-Butanone

Concen: 2.008 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY021875.D

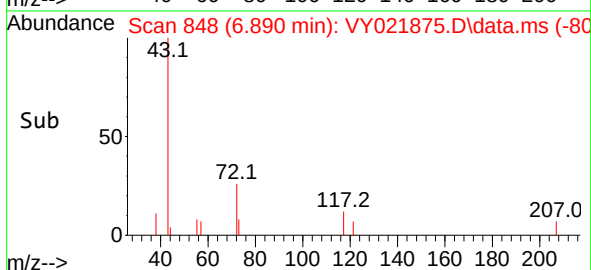
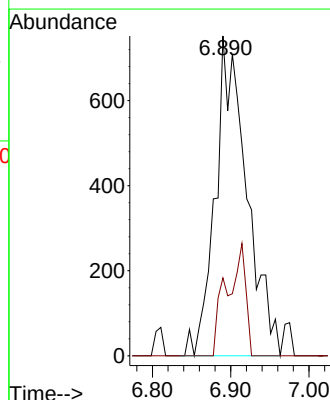
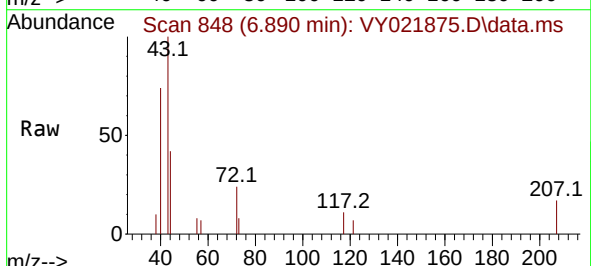
Acq: 14 Apr 2025 17:24

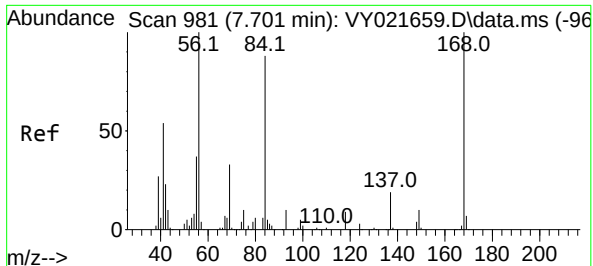
Tgt Ion: 43 Resp: 2092

Ion Ratio Lower Upper

43 100

72 24.3 21.4 32.2

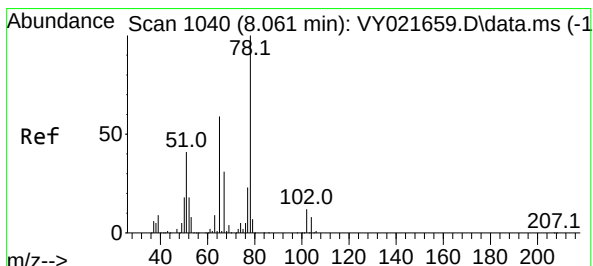
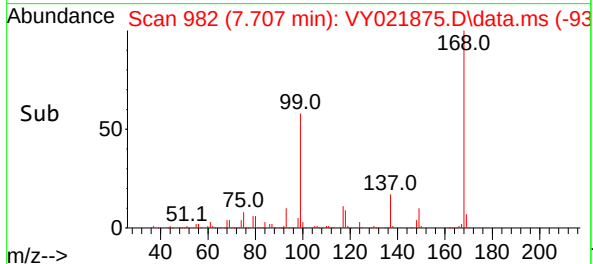
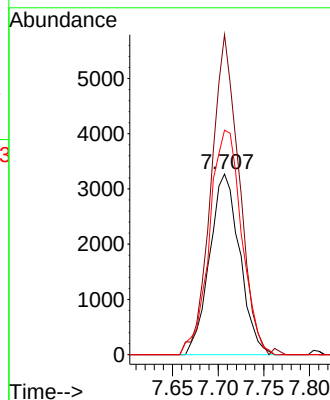
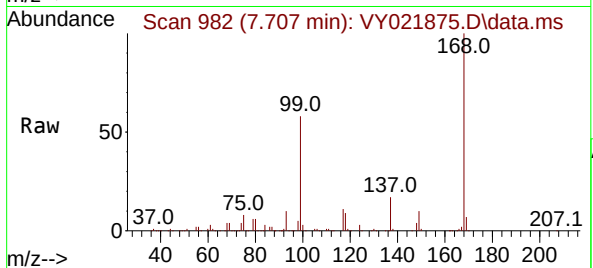




#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

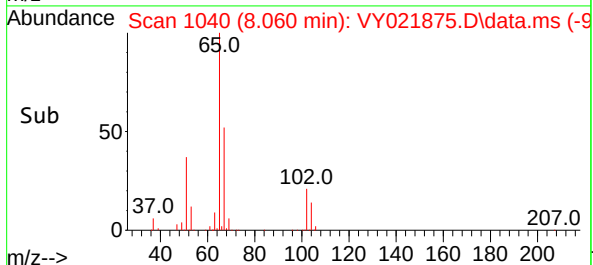
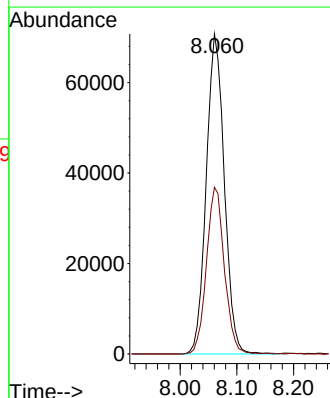
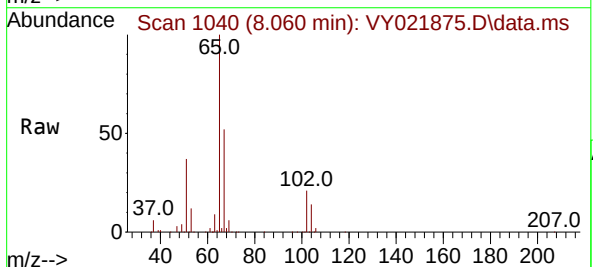
Instrument :
MSVOA_Y
ClientSampleId :
TP-9-VOC

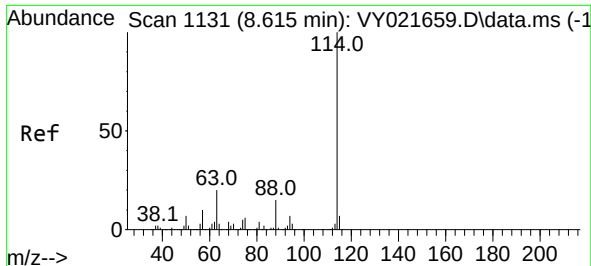
Tgt Ion: 56 Resp: 7476
Ion Ratio Lower Upper
56 100
69 177.1 26.6 40.0#
84 124.2 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 43.857 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

Tgt Ion: 65 Resp: 156290
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021875.D

Acq: 14 Apr 2025 17:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-9-VOC

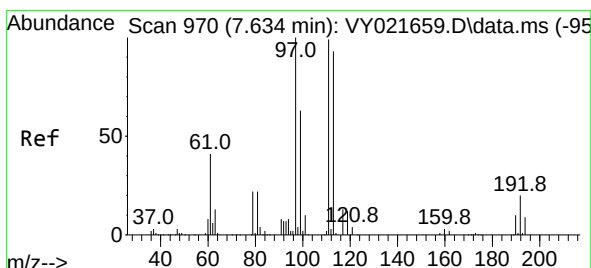
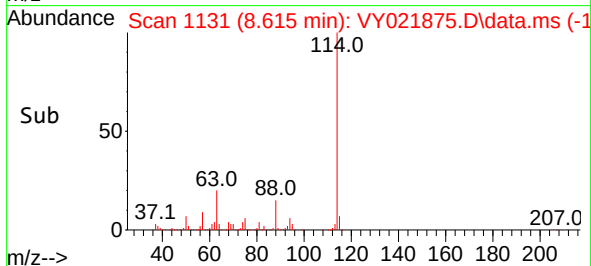
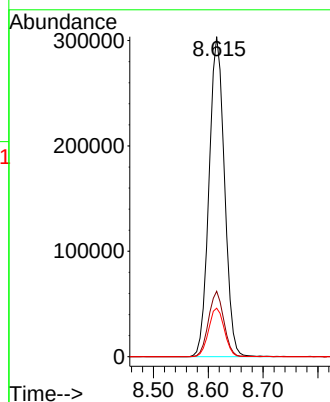
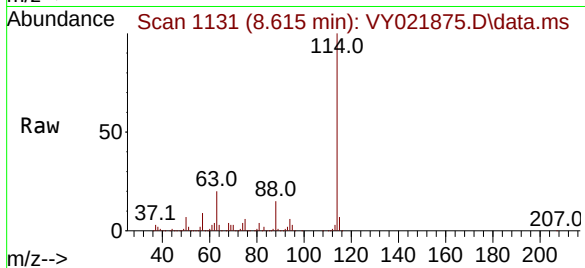
Tgt Ion:114 Resp: 591758

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 15.1 0.0 29.8



#35

Dibromofluoromethane

Concen: 48.220 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY021875.D

Acq: 14 Apr 2025 17:24

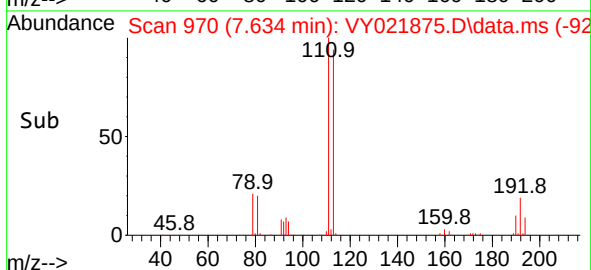
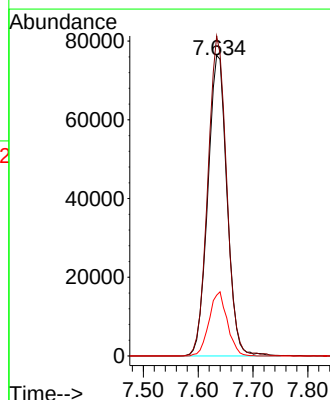
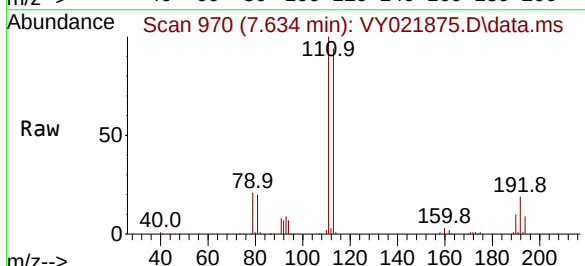
Tgt Ion:113 Resp: 185099

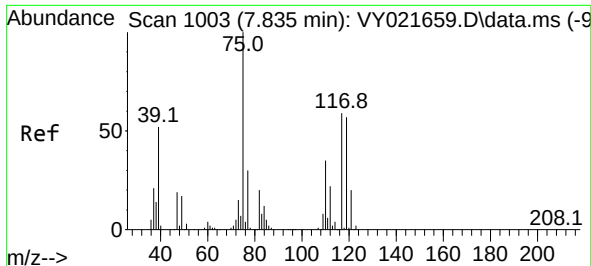
Ion Ratio Lower Upper

113 100

111 104.6 82.6 123.8

192 20.3 16.2 24.4

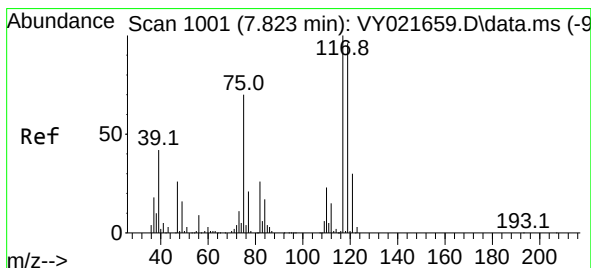
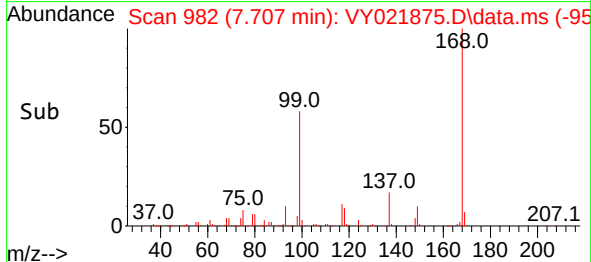
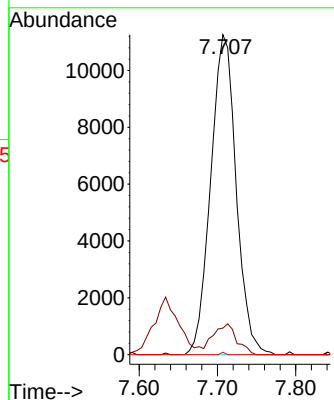
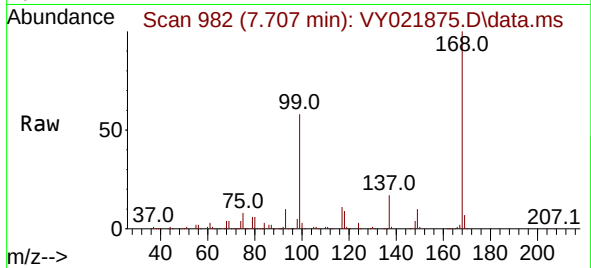




#36
 1,1-Dichloropropene
 Concen: 4.352 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY021875.D
 Acq: 14 Apr 2025 17:24

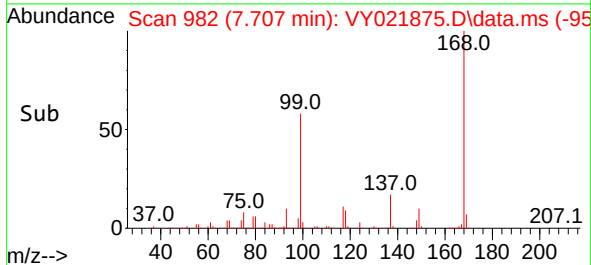
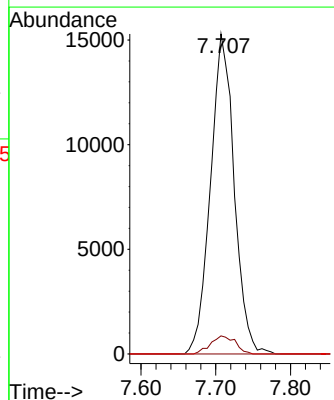
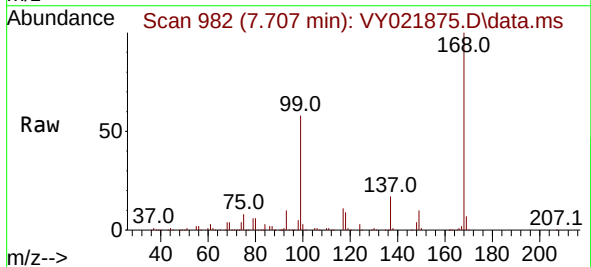
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9-VOC

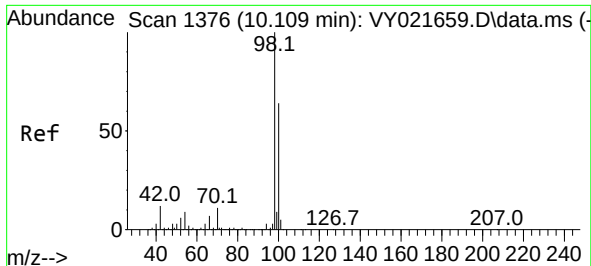
Tgt Ion: 75 Resp: 25445
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.0 50.9#
 77 0.1 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.022 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.116 min
 Lab File: VY021875.D
 Acq: 14 Apr 2025 17:24

Tgt Ion: 117 Resp: 33631
 Ion Ratio Lower Upper
 117 100
 119 5.6 76.2 114.4#
 121 0.0 24.2 36.4#

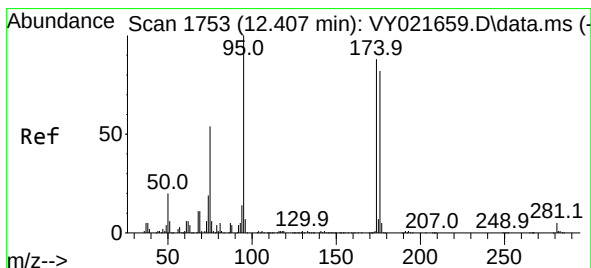
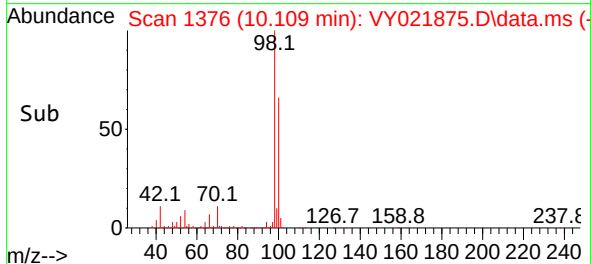
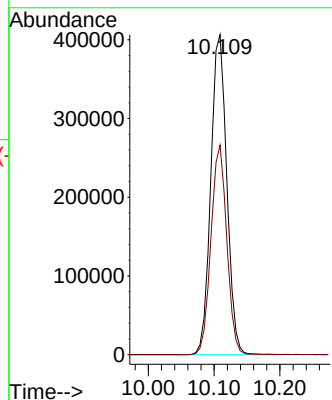
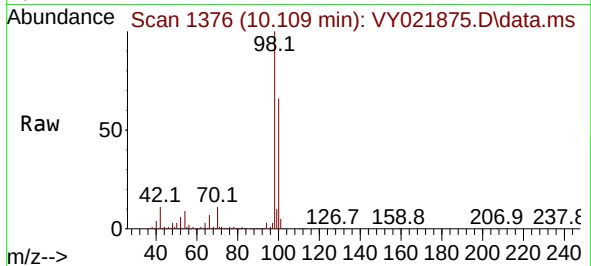




#50
Toluene-d8
Concen: 47.140 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

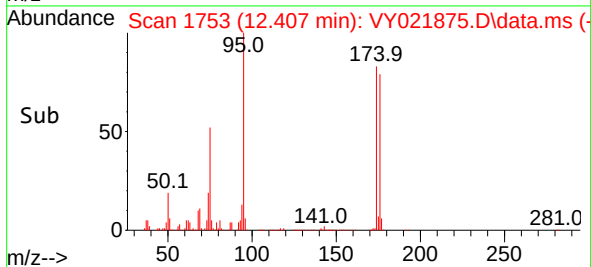
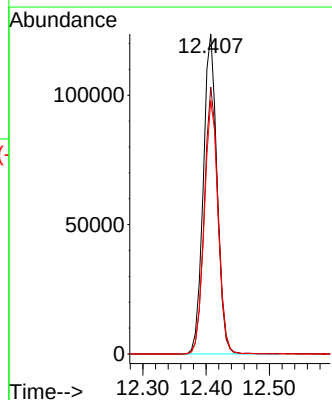
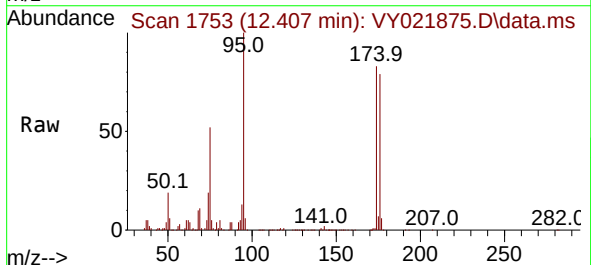
Instrument :
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TP-9-VOC

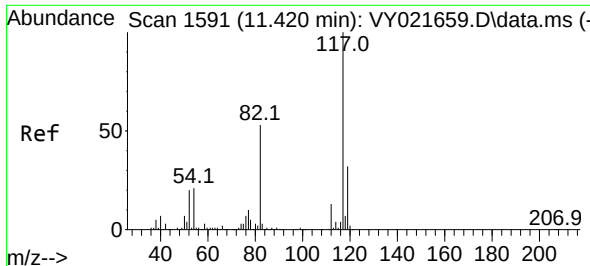
Tgt Ion: 98 Resp: 688402
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 37.949 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

Tgt Ion: 95 Resp: 187450
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.8
176 79.8 0.0 162.0

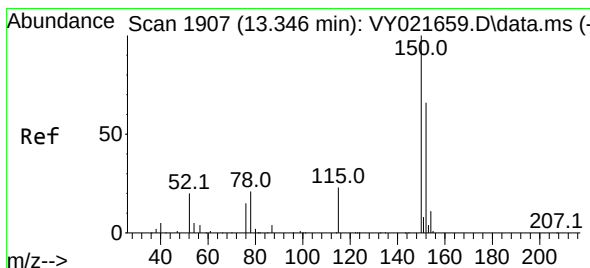
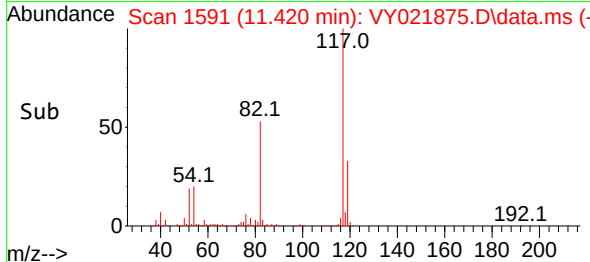
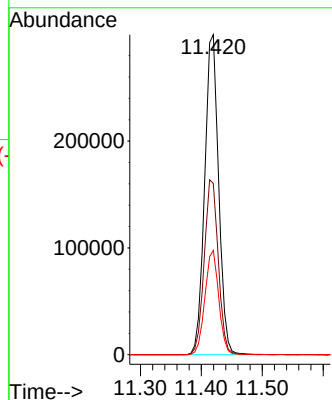
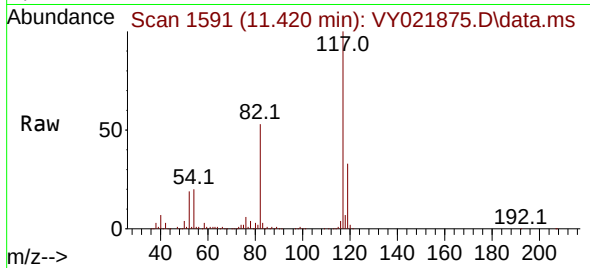




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

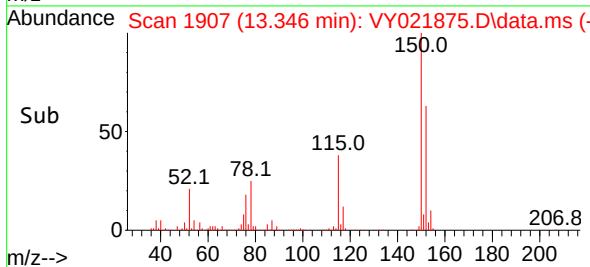
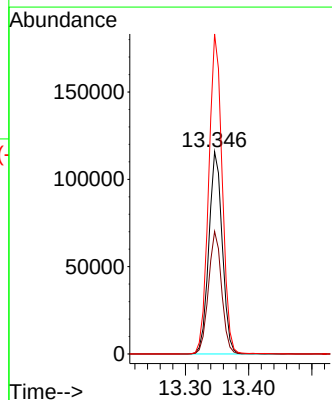
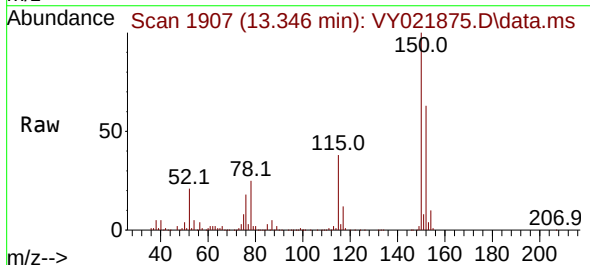
Instrument :
MSVOA_Y
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TP-9-VOC

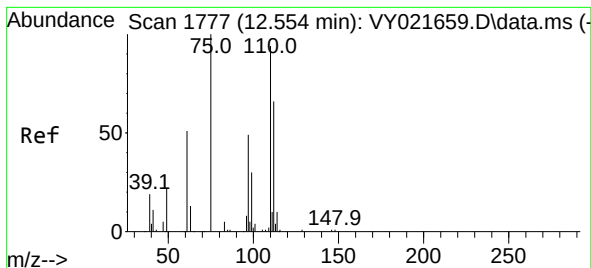
Tgt Ion:117 Resp: 477998
Ion Ratio Lower Upper
117 100
82 53.5 42.8 64.2
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

Tgt Ion:152 Resp: 171208
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.5
150 158.9 0.0 348.4

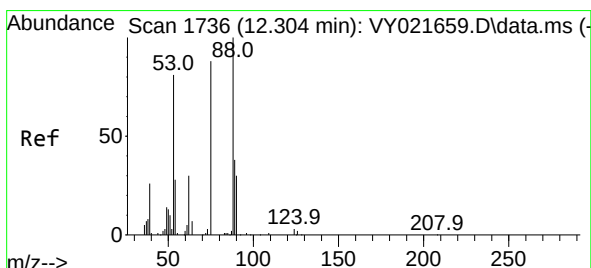
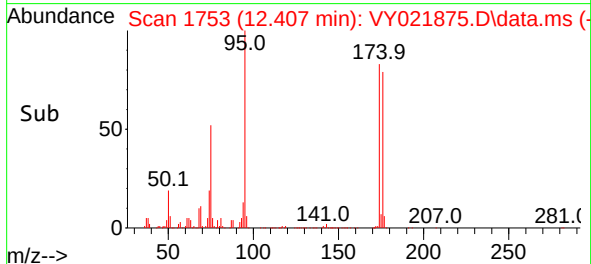
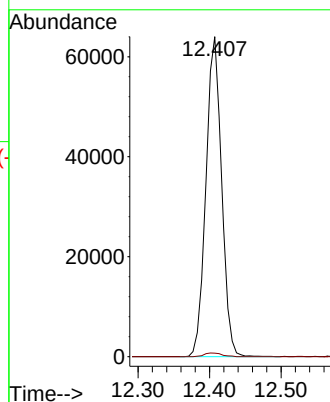
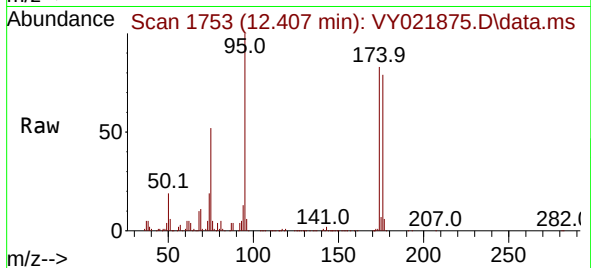




#76
1,2,3-Trichloropropane
Concen: 57.502 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-9-VOC

Tgt Ion: 75 Resp: 97588
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.495 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

Tgt Ion: 75 Resp: 97588
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.0 36.2 54.4#

