

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020874.D
 Acq On : 20 Jan 2025 12:16
 Operator : SY/MD
 Sample : Q1110-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN-1-VOC

Quant Time: Jan 21 00:40:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

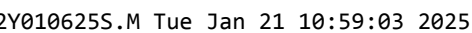
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

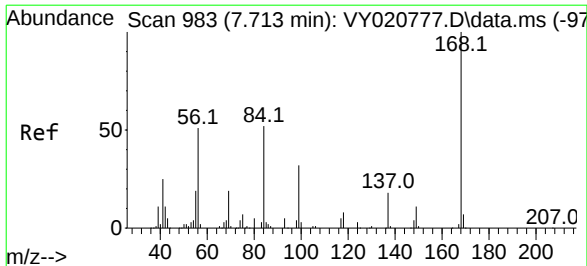
Internal Standards						
1) Pentafluorobenzene	7.719	168	3950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	5835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	3152	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	426	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2130	63.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.880%
35) Dibromofluoromethane	7.640	113	2206	60.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.700%
50) Toluene-d8	10.115	98	6170	48.417	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.840%
62) 4-Bromofluorobenzene	12.420	95	643	13.664	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	27.320%#

Target Compounds Qvalue

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

Quant Time: Jan 21 00:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

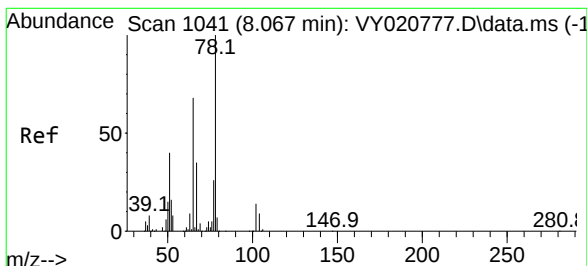
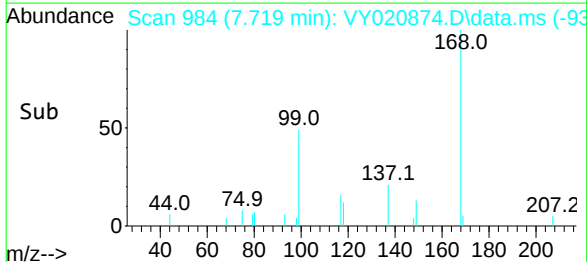
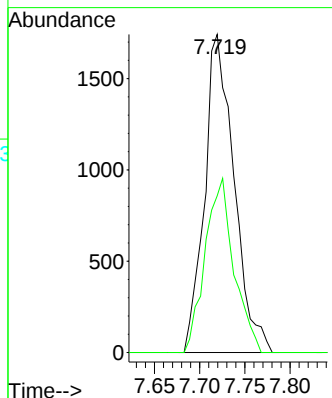
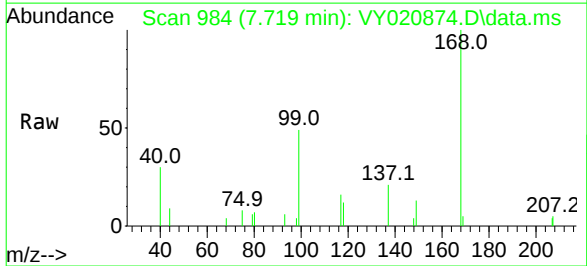




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020874.D
Acq: 20 Jan 2025 12:16

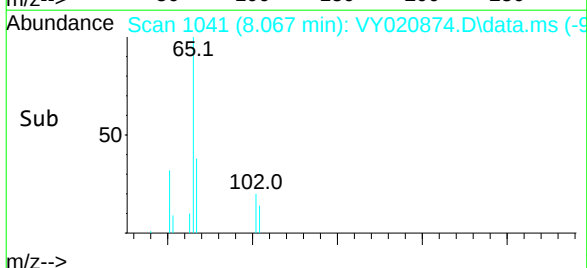
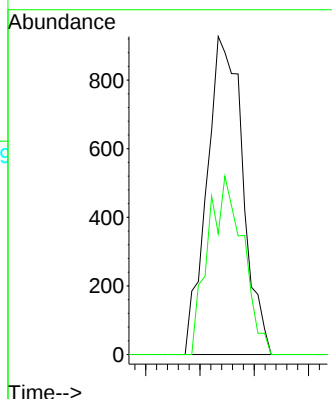
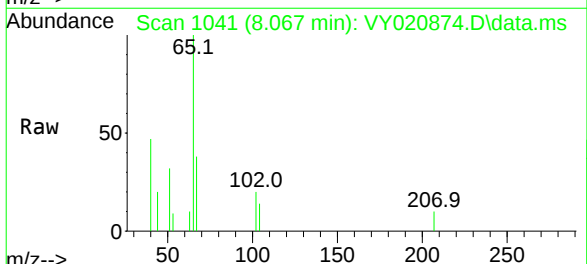
Instrument :
MSVOA_Y
ClientSampleId :
BIN-1-VOC

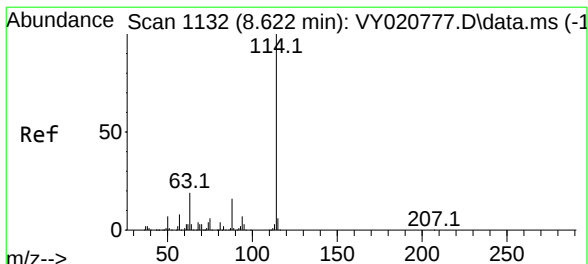
Tgt Ion:168 Resp: 3950
Ion Ratio Lower Upper
168 100
99 49.3 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 63.443 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020874.D
Acq: 20 Jan 2025 12:16

Tgt Ion: 65 Resp: 2130
Ion Ratio Lower Upper
65 100
67 54.8 0.0 102.8

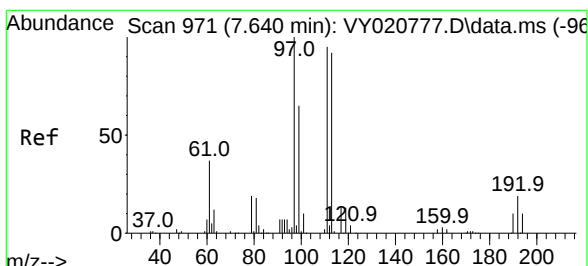
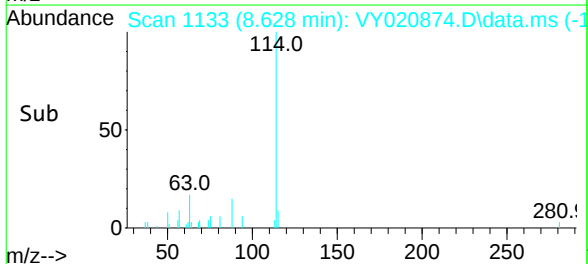
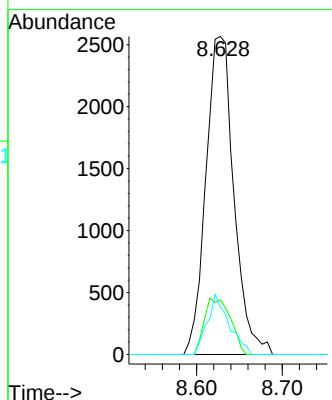
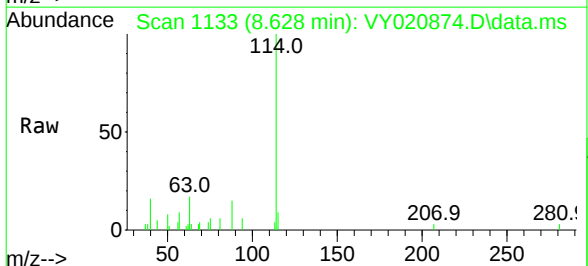




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY020874.D
Acq: 20 Jan 2025 12:16

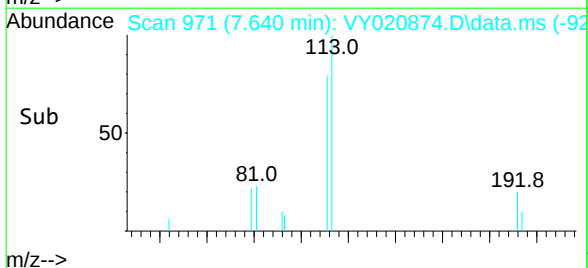
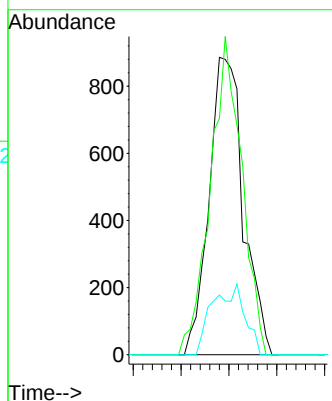
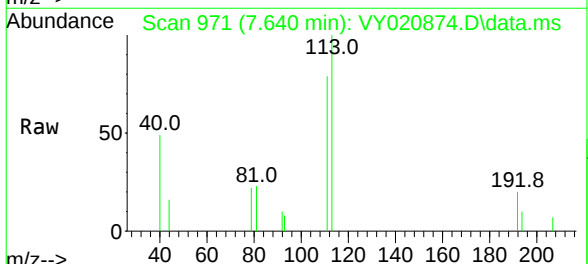
Instrument :
MSVOA_Y
ClientSampleId :
BIN-1-VOC

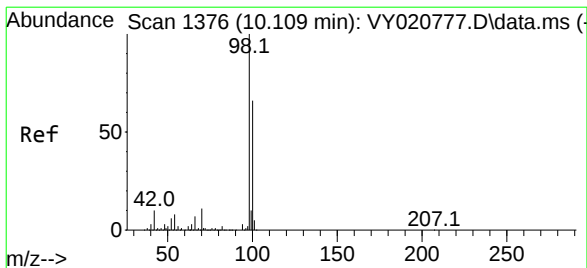
Tgt Ion:	114	Resp:	5835
Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	38.4
88	14.9	0.0	31.2



#35
Dibromofluoromethane
Concen: 60.346 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY020874.D
Acq: 20 Jan 2025 12:16

Tgt Ion:	113	Resp:	2206
Ion	Ratio	Lower	Upper
113	100		
111	98.1	81.7	122.5
192	22.4	16.7	25.1





#50

Toluene-d8

Concen: 48.417 ug/l

RT: 10.115 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY020874.D

Acq: 20 Jan 2025 12:16

Instrument :

MSVOA_Y

ClientSampleId :

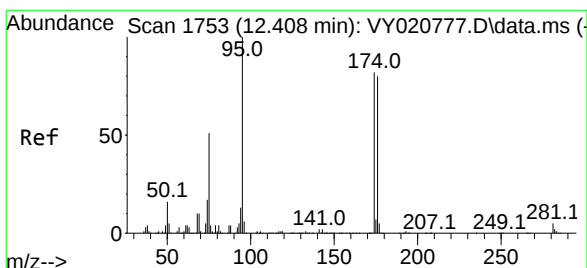
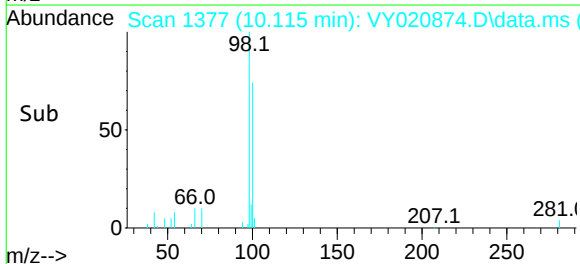
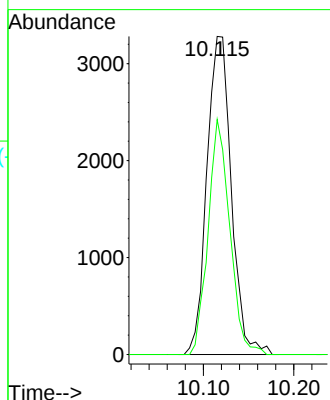
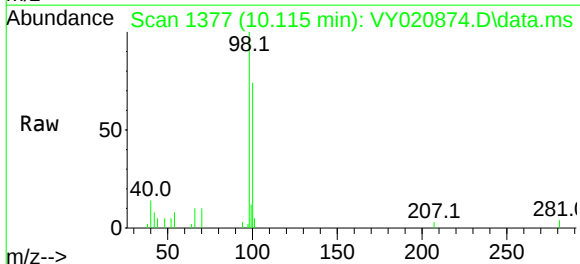
BIN-1-VOC

Tgt Ion: 98 Resp: 6170

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 13.664 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020874.D

Acq: 20 Jan 2025 12:16

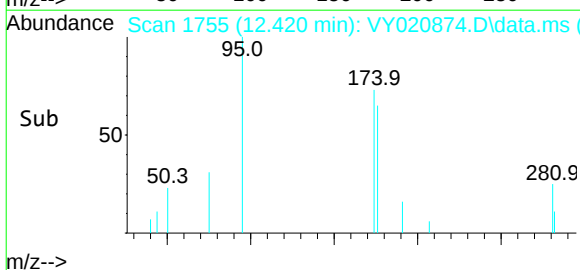
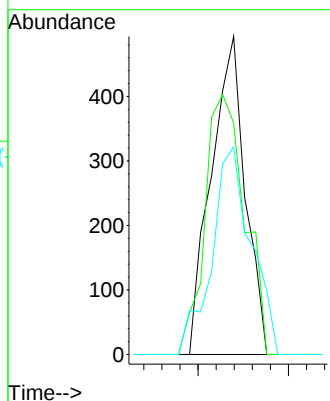
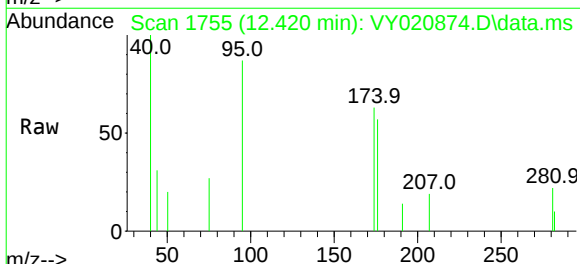
Tgt Ion: 95 Resp: 643

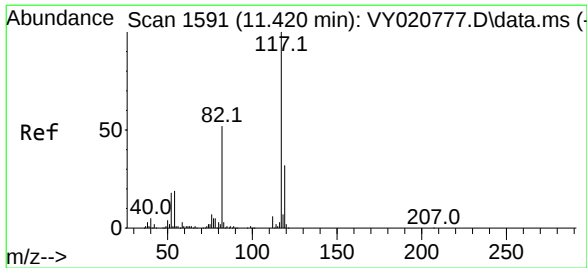
Ion Ratio Lower Upper

95 100

174 95.8 0.0 178.0

176 75.6 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020874.D

Acq: 20 Jan 2025 12:16

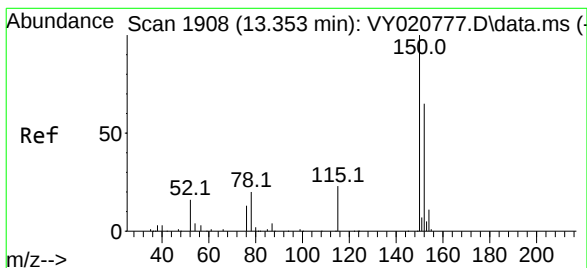
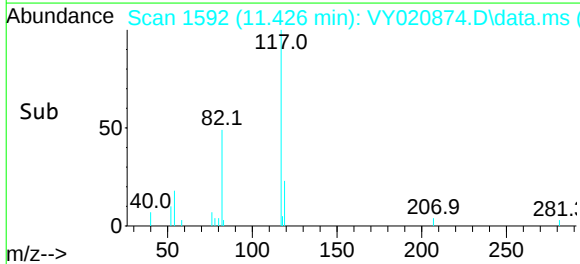
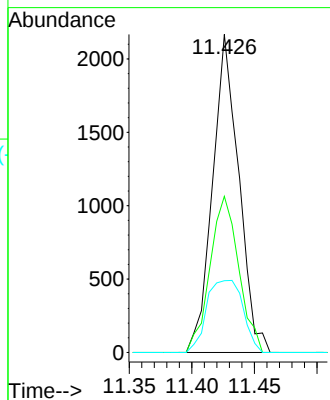
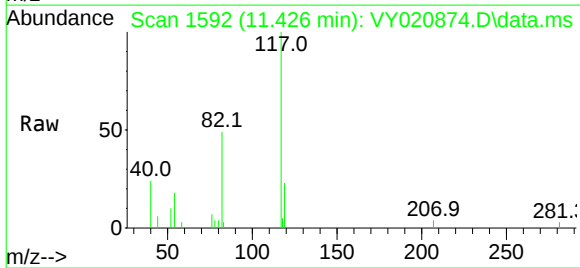
Instrument :

MSVOA_Y

ClientSampleId :

BIN-1-VOC

Tgt Ion:	117	Resp:	3152
Ion	Ratio	Lower	Upper
117	100		
82	49.1	41.8	62.6
119	22.6	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020874.D

Acq: 20 Jan 2025 12:16

Tgt Ion:	152	Resp:	426
Ion	Ratio	Lower	Upper
152	100		
115	88.0	29.0	87.0
150	172.8	0.0	347.4

