

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
 Data File : VY022843.D
 Acq On : 26 Jun 2025 12:33
 Operator : SY/MD
 Sample : Q2405-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-M/N-VOCRE

Quant Time: Jun 27 01:26:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

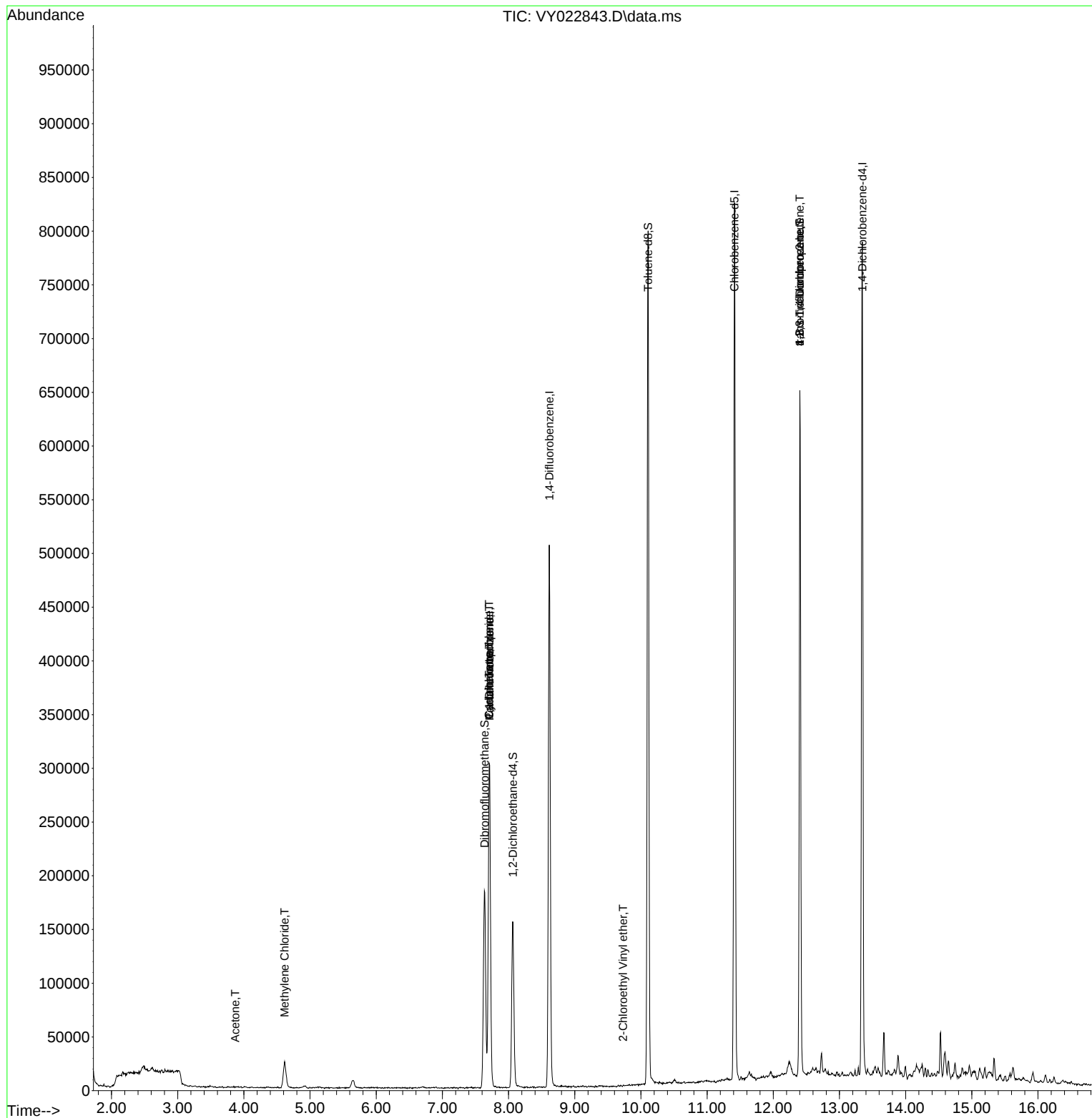
Internal Standards						
1) Pentafluorobenzene	7.713	168	233106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	429337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	412601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	187838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	124051	47.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.360%
35) Dibromofluoromethane	7.640	113	130940	50.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.300%
50) Toluene-d8	10.109	98	518899	50.082	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.401	95	188660	56.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.280%
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	1378	2.802	ug/l	89
20) Methylene Chloride	4.616	84	16126	5.193	ug/l	96
31) Cyclohexane	7.707	56	5783	1.294	ug/l #	29
36) 1,1-Dichloropropene	7.707	75	20507	5.182	ug/l #	51
38) Carbon Tetrachloride	7.707	117	23243	5.566	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.731	63	23	15.670	ug/l #	48
76) 1,2,3-Trichloropropane	12.401	75	105014	54.761	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	105014	138.349	ug/l #	11

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022843.D
Acq On : 26 Jun 2025 12:33
Operator : SY/MD
Sample : Q2405-03
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-M/N-VOCRE

Quant Time: Jun 27 01:26:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

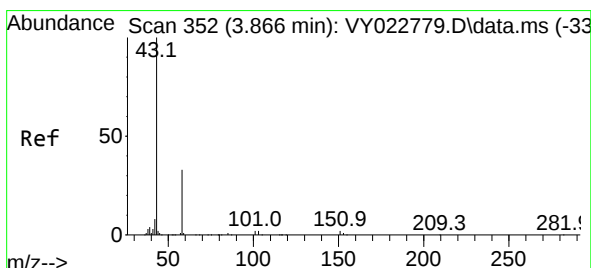
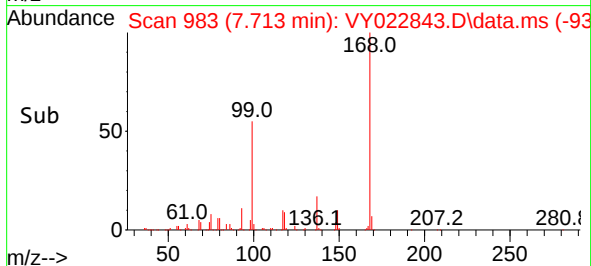
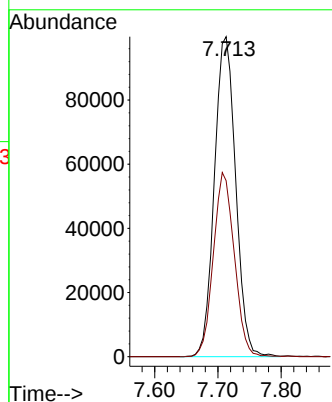
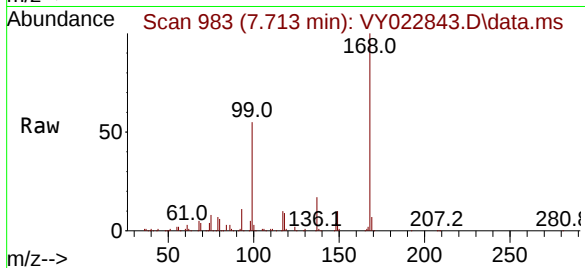




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022843.D
Acq: 26 Jun 2025 12:33

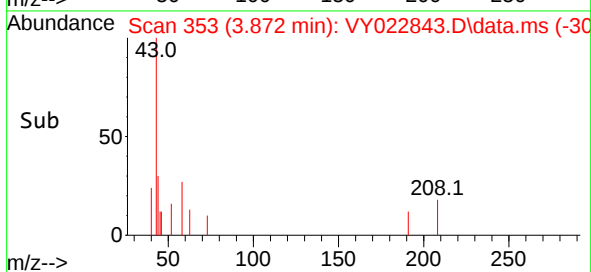
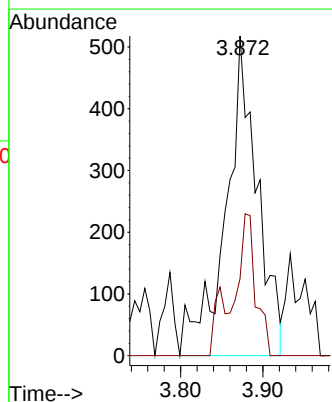
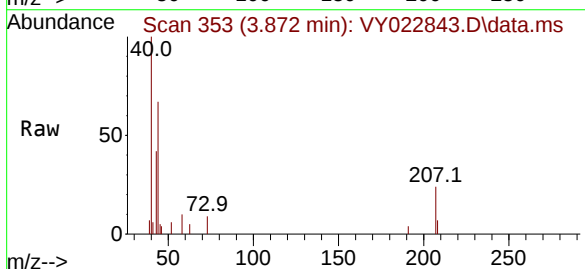
Instrument :
MSVOA_Y
ClientSampleId :
MH-M/N-VOCRE

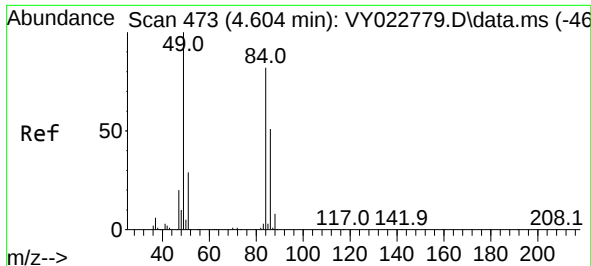
Tgt Ion:168 Resp: 233106
Ion Ratio Lower Upper
168 100
99 55.0 44.3 66.5



#16
Acetone
Concen: 2.802 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022843.D
Acq: 26 Jun 2025 12:33

Tgt Ion: 43 Resp: 1378
Ion Ratio Lower Upper
43 100
58 24.1 24.0 36.0

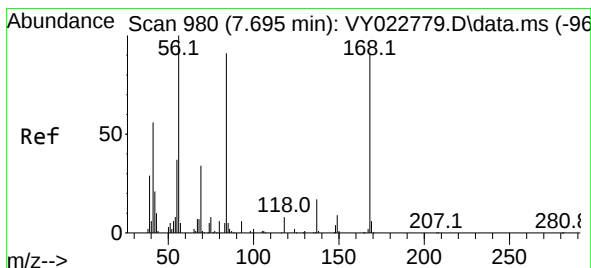
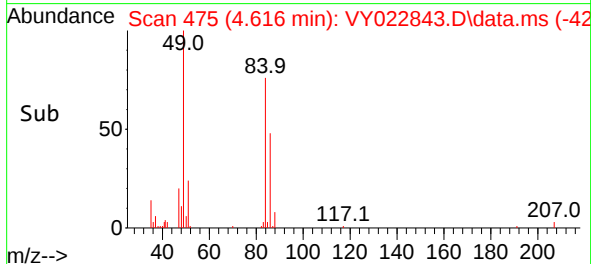
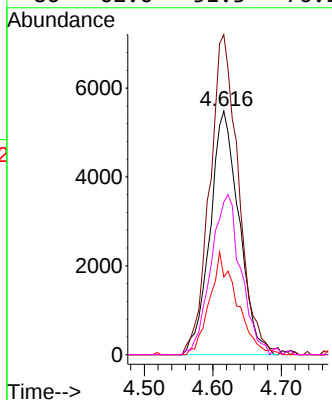
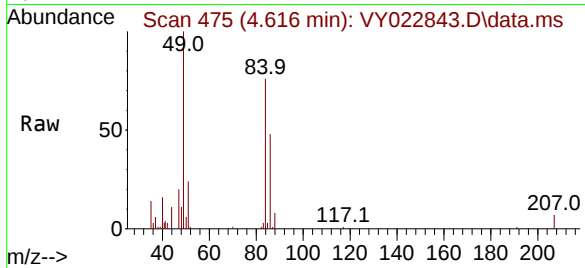




#20
Methylene Chloride
Concen: 5.193 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY022843.D
Acq: 26 Jun 2025 12:33

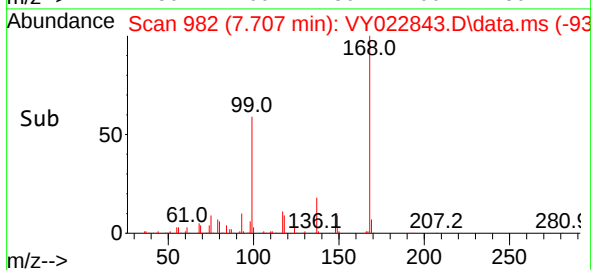
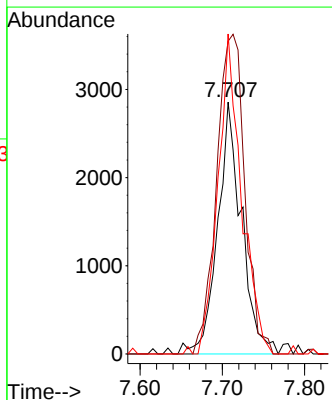
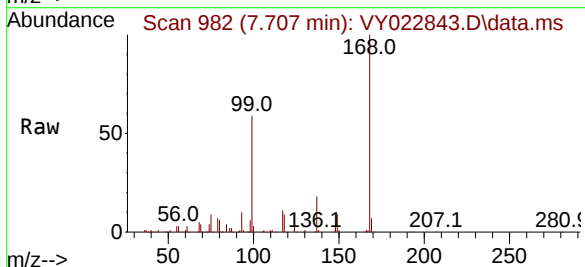
Instrument :
MSVOA_Y
ClientSampleId :
MH-M/N-VOCRE

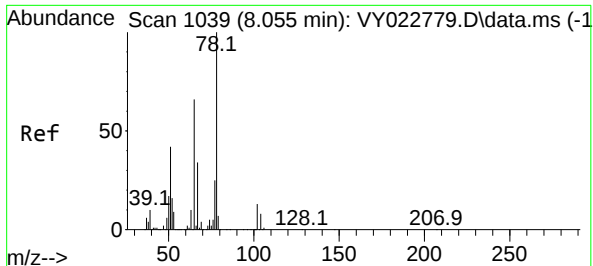
Tgt Ion:	84	Resp:	16126
Ion	Ratio	Lower	Upper
84	100		
49	131.4	101.9	152.9
51	32.0	29.8	44.8
86	62.6	51.3	76.9



#31
Cyclohexane
Concen: 1.294 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022843.D
Acq: 26 Jun 2025 12:33

Tgt Ion:	56	Resp:	5783
Ion	Ratio	Lower	Upper
56	100		
69	124.2	27.0	40.6#
84	127.1	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 47.681 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022843.D

Acq: 26 Jun 2025 12:33

Instrument :

MSVOA_Y

ClientSampleId :

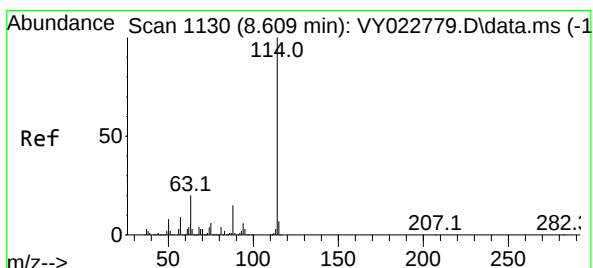
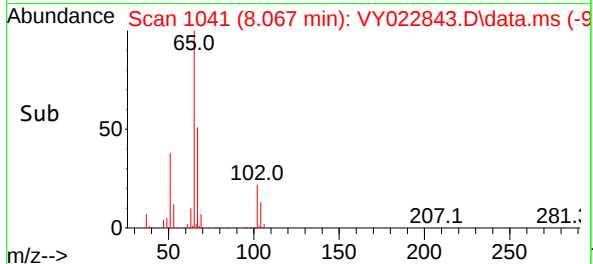
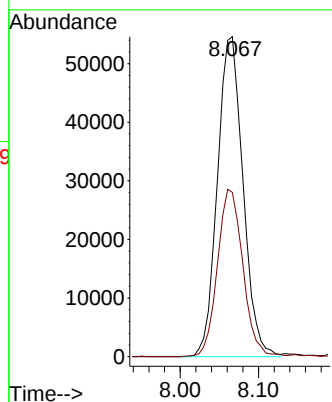
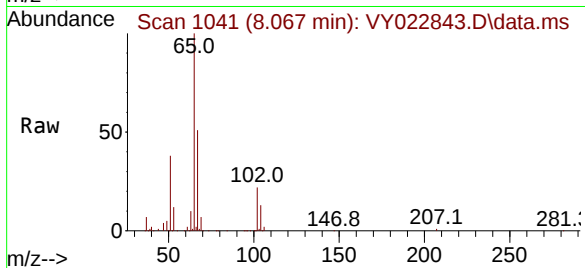
MH-M/N-VOCRE

Tgt Ion: 65 Resp: 124051

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022843.D

Acq: 26 Jun 2025 12:33

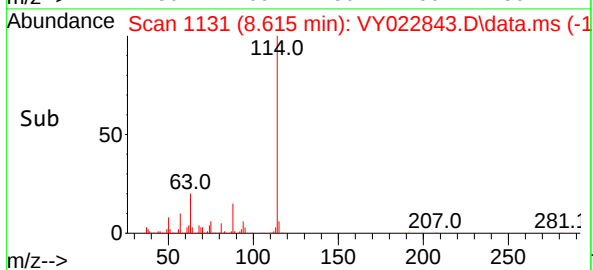
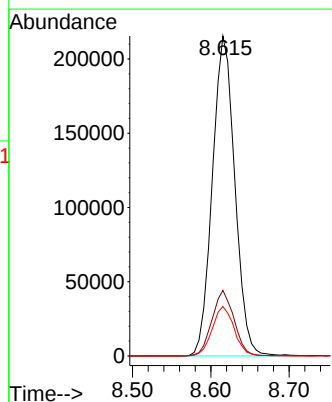
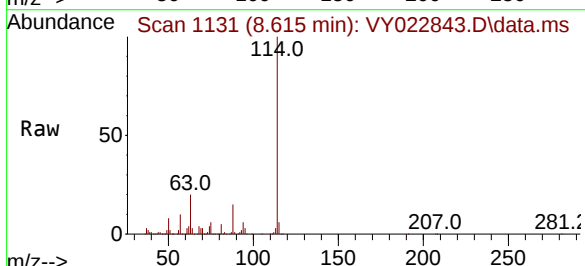
Tgt Ion:114 Resp: 429337

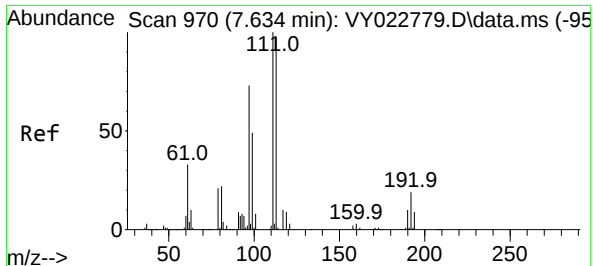
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.5 0.0 27.8

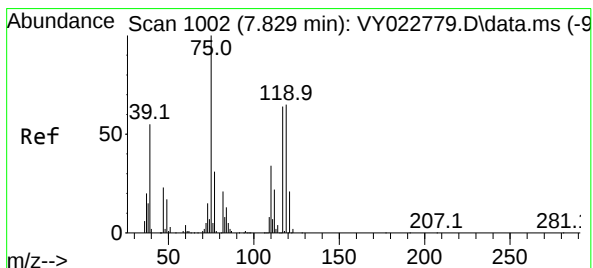
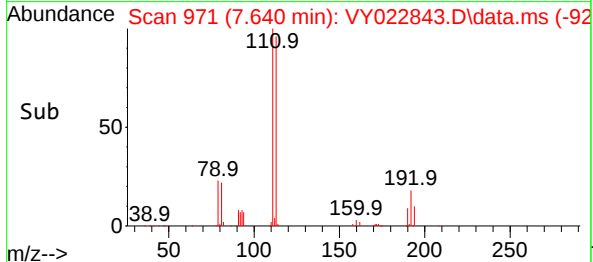
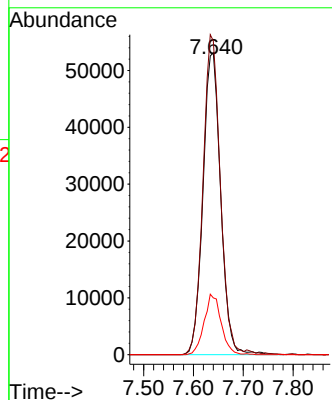
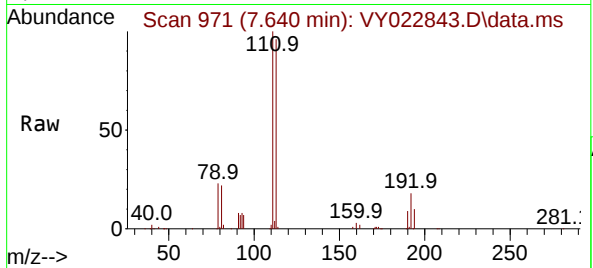




#35
Dibromofluoromethane
Concen: 50.149 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022843.D
Acq: 26 Jun 2025 12:33

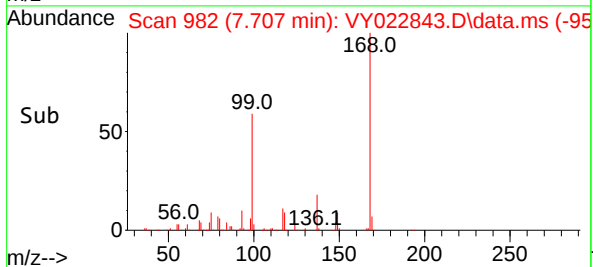
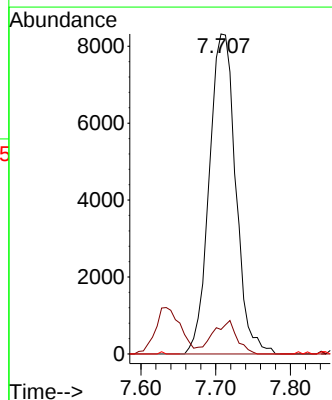
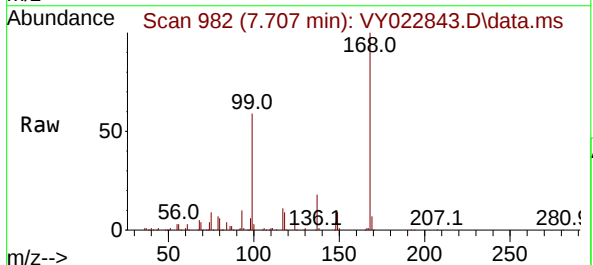
Instrument :
MSVOA_Y
ClientSampleId :
MH-M/N-VOCRE

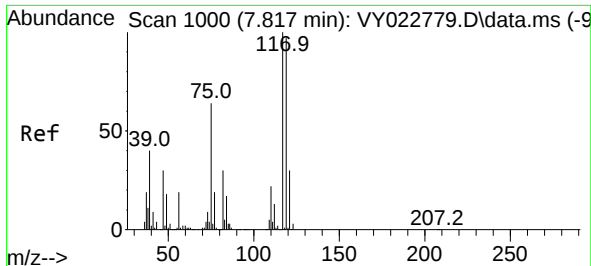
Tgt Ion:113 Resp: 130940
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 19.2 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.182 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.135 min
Lab File: VY022843.D
Acq: 26 Jun 2025 12:33

Tgt Ion: 75 Resp: 20507
Ion Ratio Lower Upper
75 100
110 9.3 16.9 50.7#
77 0.0 24.8 37.2#

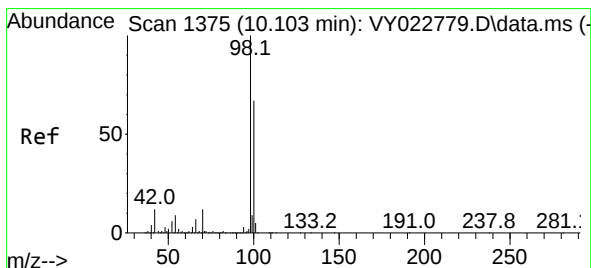
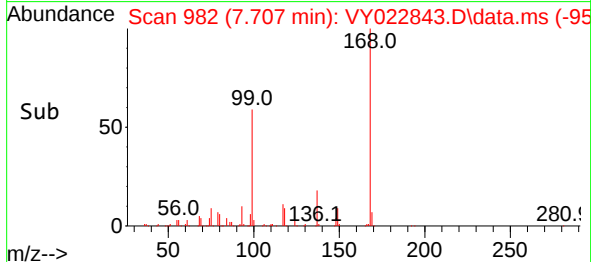
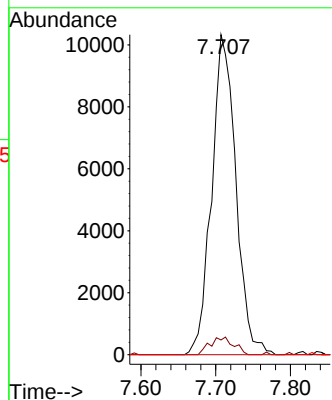
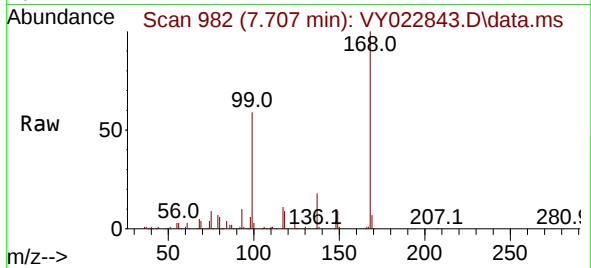




#38
Carbon Tetrachloride
Concen: 5.566 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022843.D
Acq: 26 Jun 2025 12:33

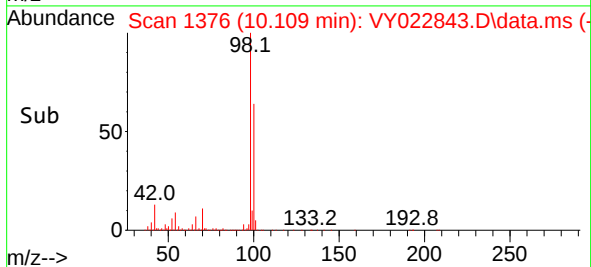
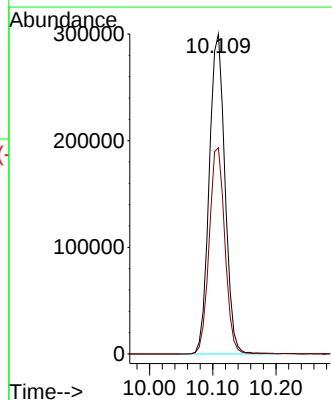
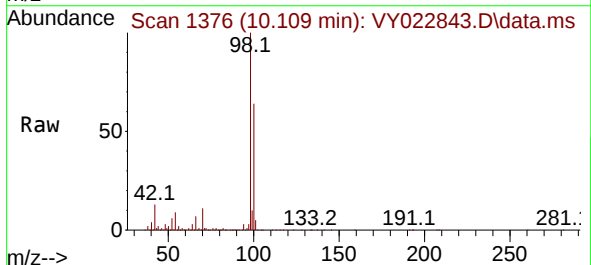
Instrument :
MSVOA_Y
ClientSampleId :
MH-M/N-VOCRE

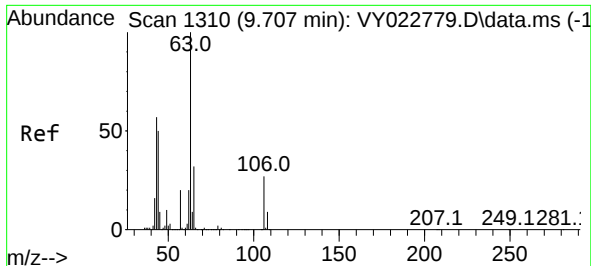
Tgt Ion:117 Resp: 23243
Ion Ratio Lower Upper
117 100
119 4.6 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.082 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022843.D
Acq: 26 Jun 2025 12:33

Tgt Ion: 98 Resp: 518899
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

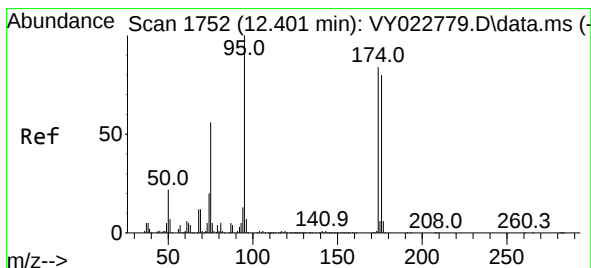
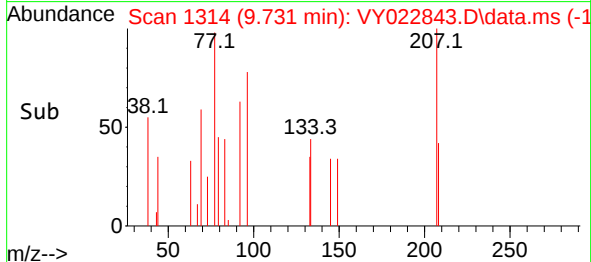
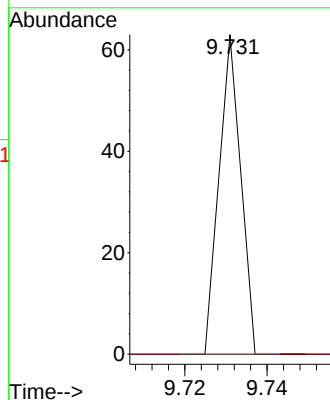
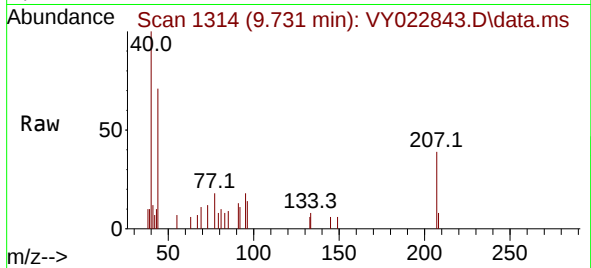




#58
2-Chloroethyl Vinyl ether
Concen: 15.670 ug/l
RT: 9.731 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY022843.D
Acq: 26 Jun 2025 12:33

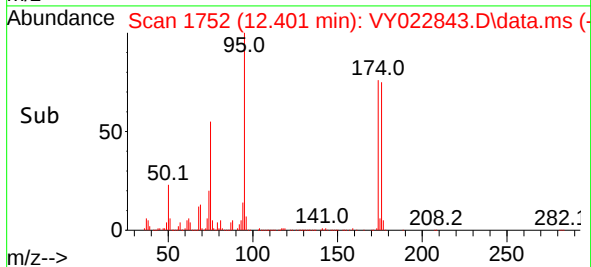
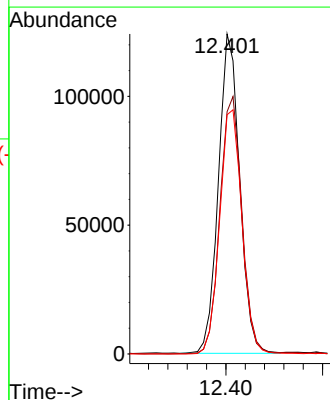
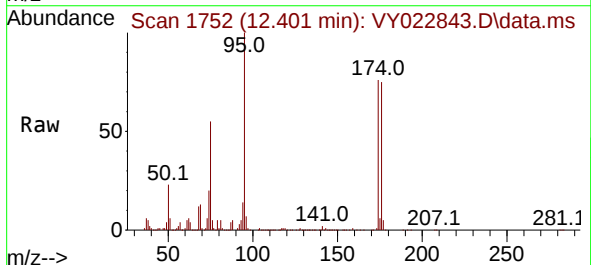
Instrument :
MSVOA_Y
ClientSampleId :
MH-M/N-VOCRE

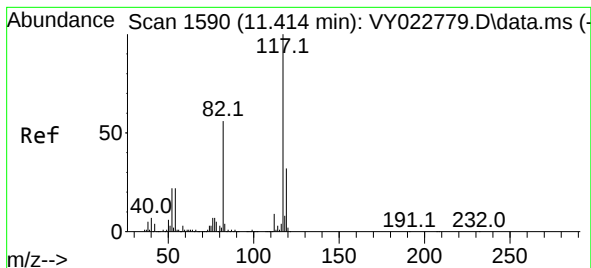
Tgt Ion: 63 Resp: 23
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#



#62
4-Bromofluorobenzene
Concen: 56.643 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022843.D
Acq: 26 Jun 2025 12:33

Tgt Ion: 95 Resp: 188660
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.0
176 80.4 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022843.D

Acq: 26 Jun 2025 12:33

Instrument :

MSVOA_Y

ClientSampleId :

MH-M/N-VOCRE

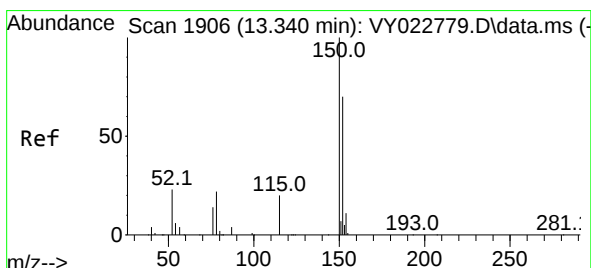
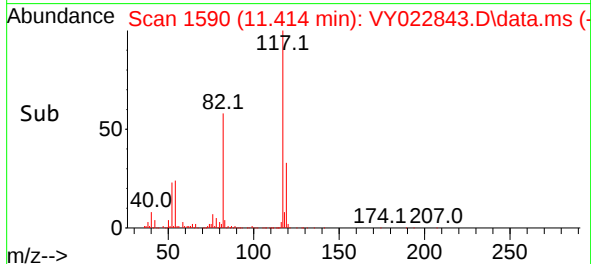
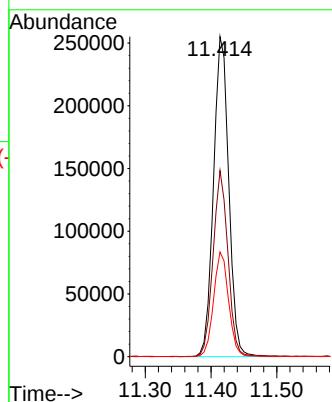
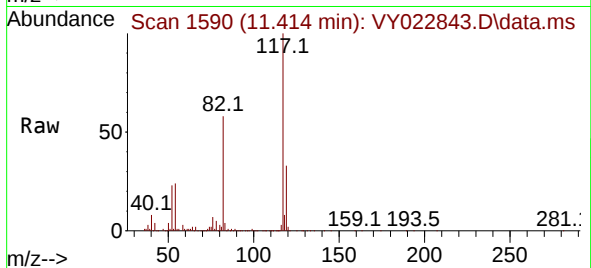
Tgt Ion:117 Resp: 412601

Ion Ratio Lower Upper

117 100

82 58.1 44.6 66.8

119 32.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022843.D

Acq: 26 Jun 2025 12:33

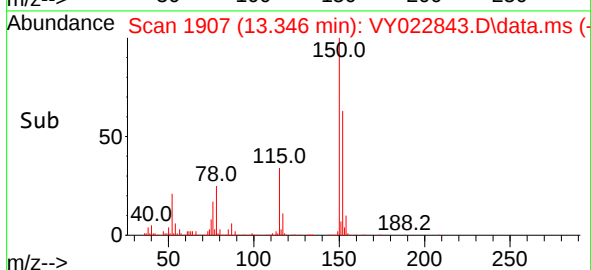
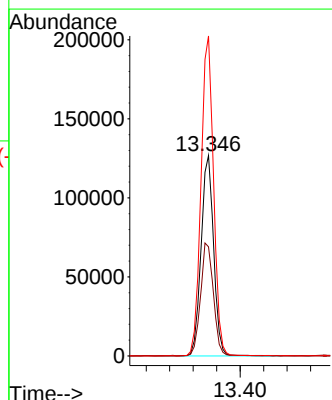
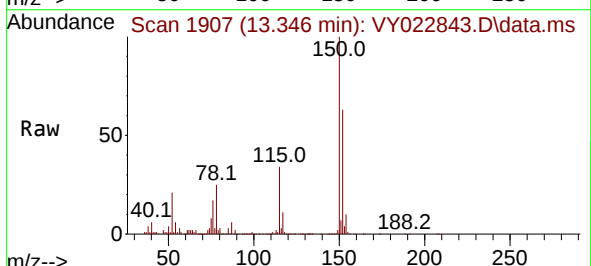
Tgt Ion:152 Resp: 187838

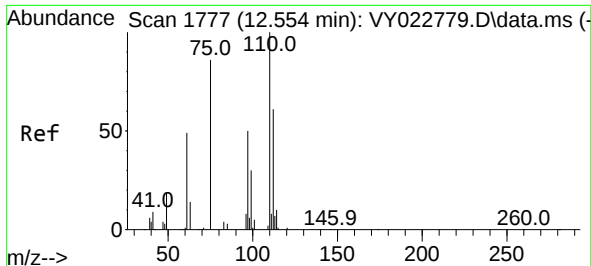
Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.7

150 159.8 0.0 349.6

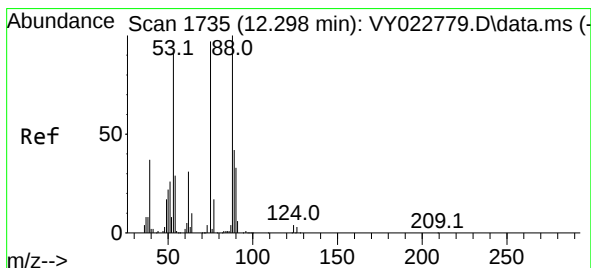
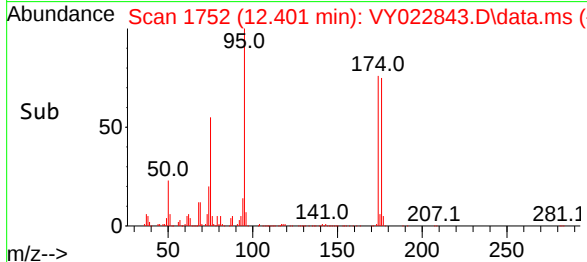
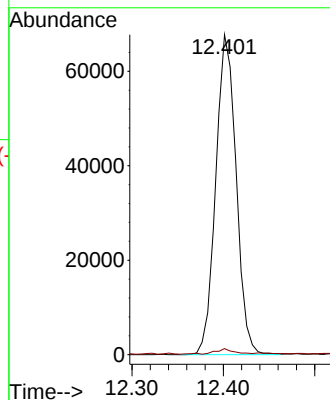
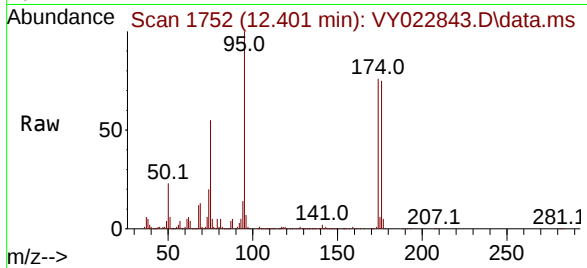




#76
1,2,3-Trichloropropane
Concen: 54.761 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022843.D
Acq: 26 Jun 2025 12:33

Instrument :
MSVOA_Y
ClientSampleId :
MH-M/N-VOCRE

Tgt Ion: 75 Resp: 105014
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.349 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022843.D
Acq: 26 Jun 2025 12:33

Tgt Ion: 75 Resp: 105014
Ion Ratio Lower Upper
75 100
53 0.2 78.5 117.7#
89 0.0 35.7 53.5#

