

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
 Data File : VY022687.D
 Acq On : 13 Jun 2025 11:08
 Operator : SY/MD
 Sample : Q2308-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-06122025

Quant Time: Jun 14 02:02:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

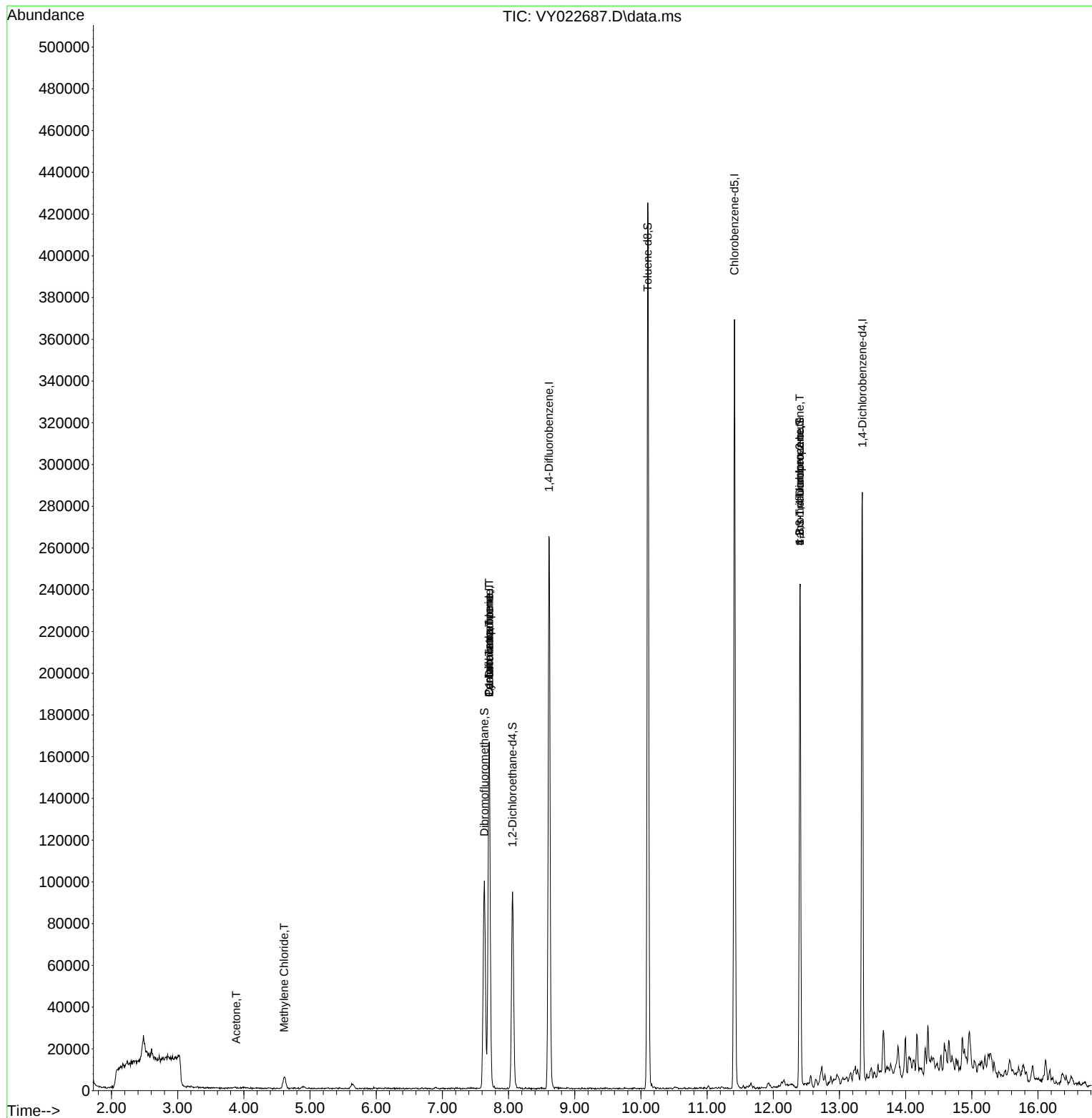
Internal Standards						
1) Pentafluorobenzene	7.707	168	124004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	223584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	177439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	65980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	71373	51.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.920%	
35) Dibromofluoromethane	7.634	113	69585	52.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.280%	
50) Toluene-d8	10.103	98	268350	49.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	12.401	95	66403	41.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.660%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	484	1.718	ug/l #	45
20) Methylene Chloride	4.610	84	3975	2.484	ug/l #	81
31) Cyclohexane	7.707	56	3546	1.331	ug/l #	26
36) 1,1-Dichloropropene	7.707	75	11231	5.185	ug/l #	51
38) Carbon Tetrachloride	7.707	117	12195	5.488	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	39327	52.100	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	39327	125.819	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
Data File : VY022687.D
Acq On : 13 Jun 2025 11:08
Operator : SY/MD
Sample : Q2308-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-06122025

Quant Time: Jun 14 02:02:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

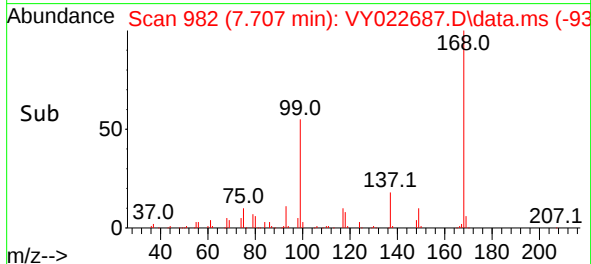
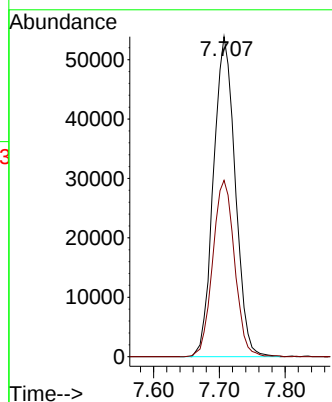
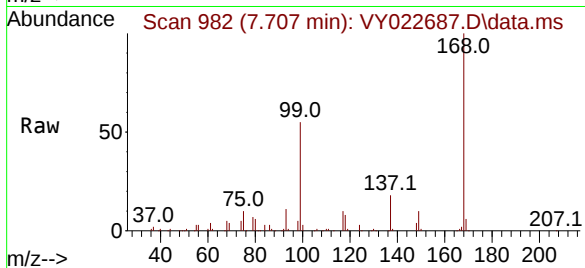




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

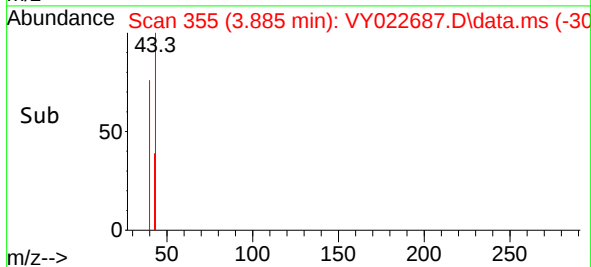
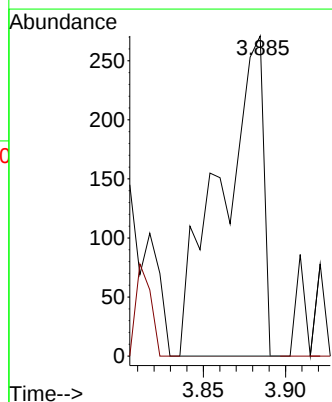
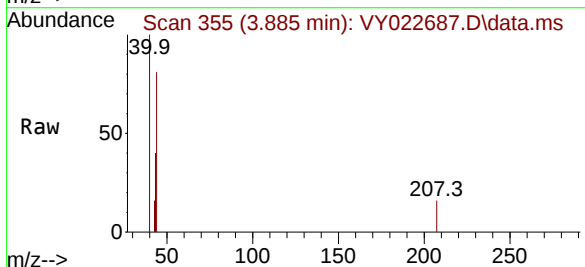
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-06122025

Tgt Ion:168 Resp: 124004
Ion Ratio Lower Upper
168 100
99 55.1 44.3 66.5



#16
Acetone
Concen: 1.718 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

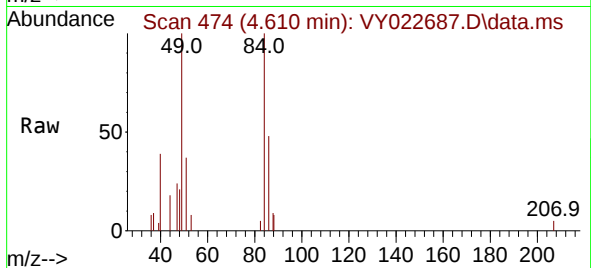
Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



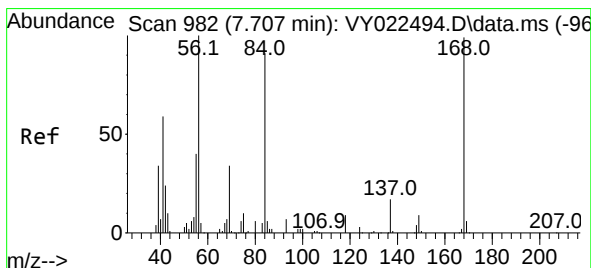
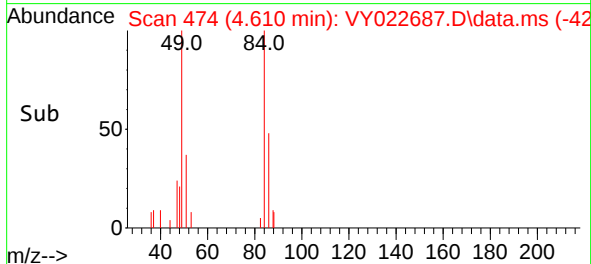
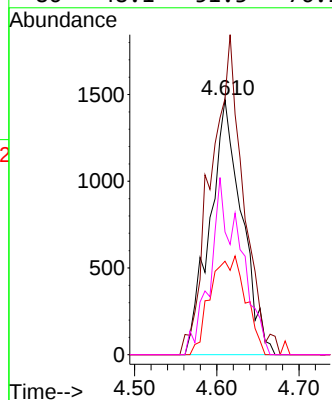


#20
Methylene Chloride
Concen: 2.484 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-06122025

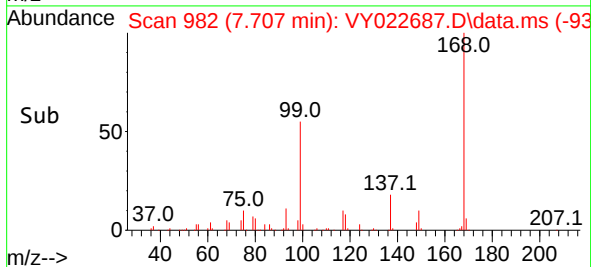
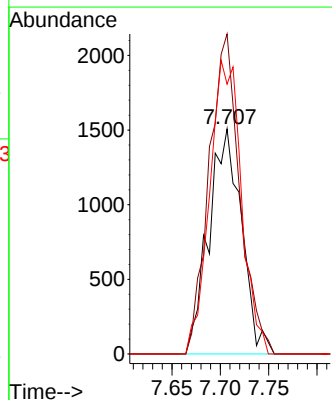
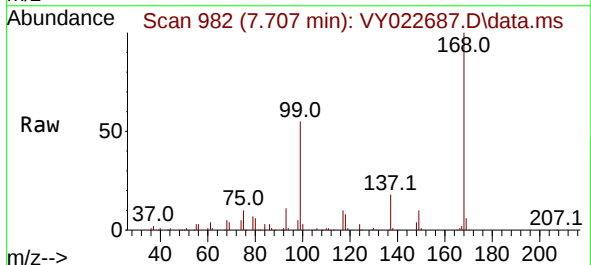


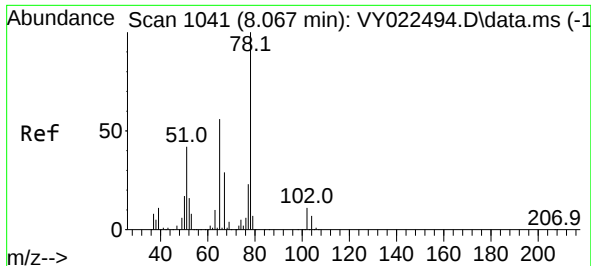
Tgt Ion:	84	Resp:	3975
Ion	Ratio	Lower	Upper
84	100		
49	100.3	101.9	152.9#
51	36.6	29.8	44.8
86	48.1	51.3	76.9#



#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

Tgt Ion:	56	Resp:	3546
Ion	Ratio	Lower	Upper
56	100		
69	142.2	27.0	40.6#
84	119.9	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 51.462 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022687.D

Acq: 13 Jun 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

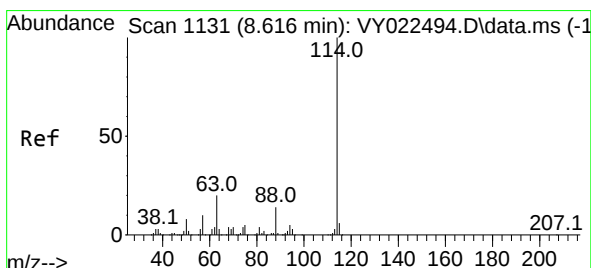
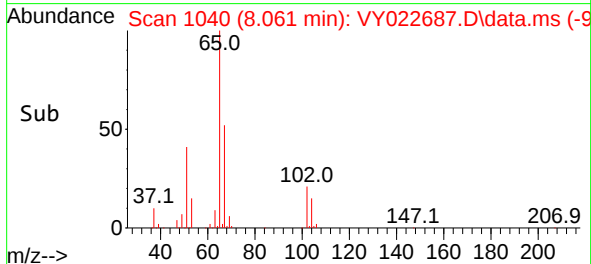
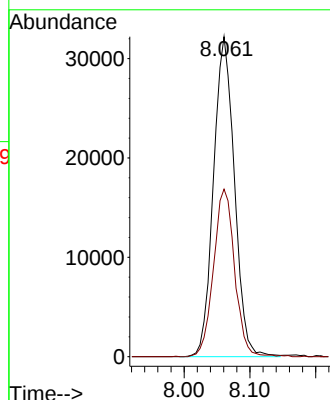
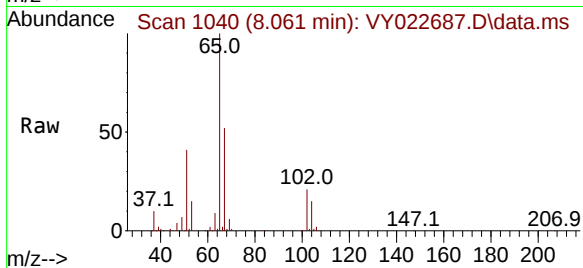
EO-02-06122025

Tgt Ion: 65 Resp: 71373

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022687.D

Acq: 13 Jun 2025 11:08

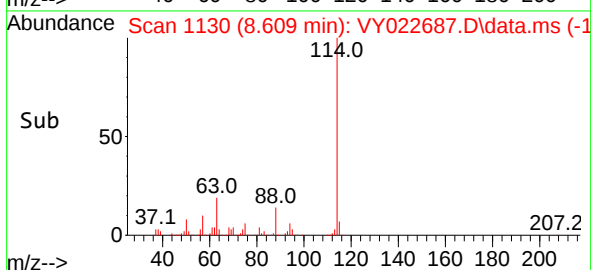
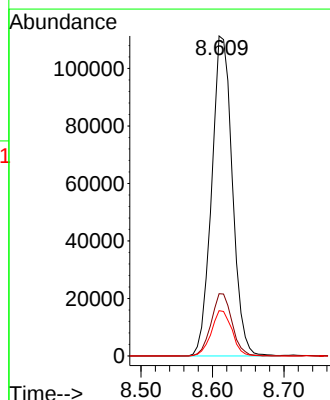
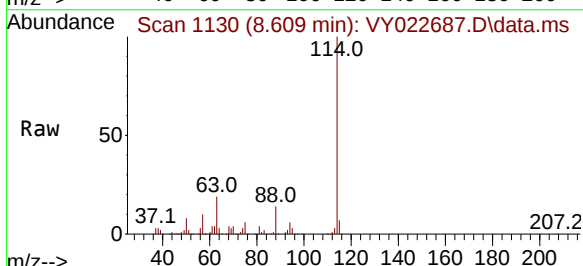
Tgt Ion: 114 Resp: 223584

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

88 14.2 0.0 27.8

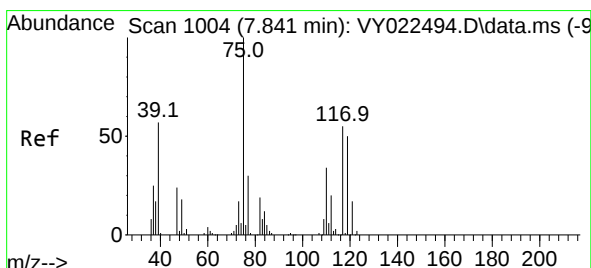
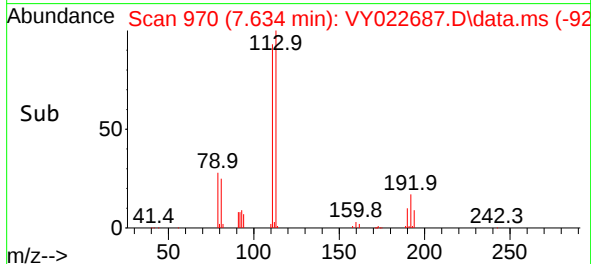
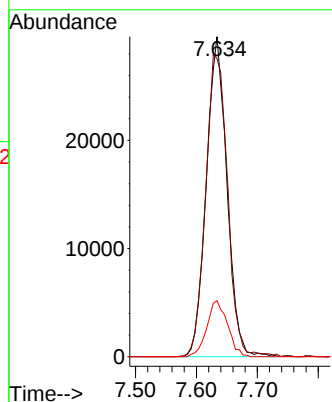
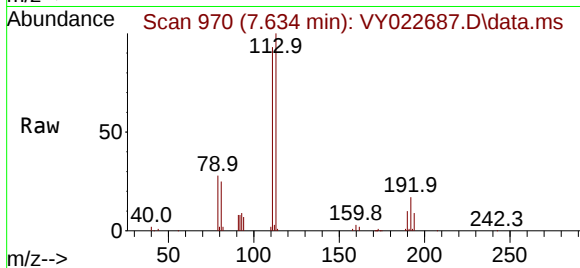




#35
Dibromofluoromethane
Concen: 52.142 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

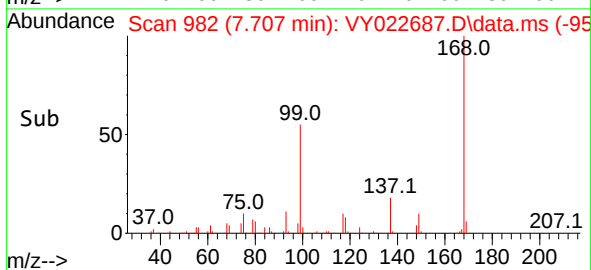
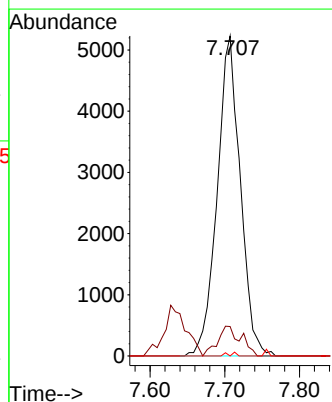
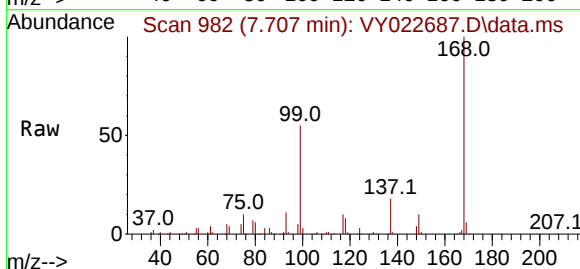
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-06122025

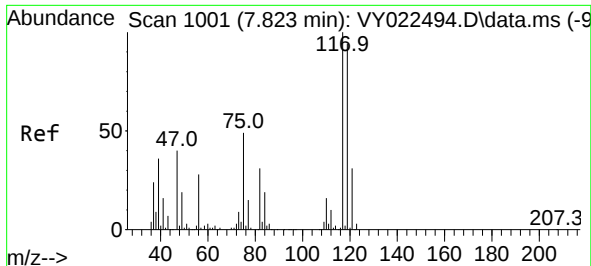
Tgt Ion:113 Resp: 69585
Ion Ratio Lower Upper
113 100
111 100.7 81.1 121.7
192 17.6 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.185 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

Tgt Ion: 75 Resp: 11231
Ion Ratio Lower Upper
75 100
110 9.3 16.9 50.7#
77 0.2 24.8 37.2#

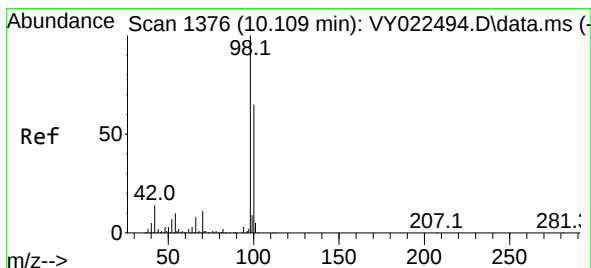
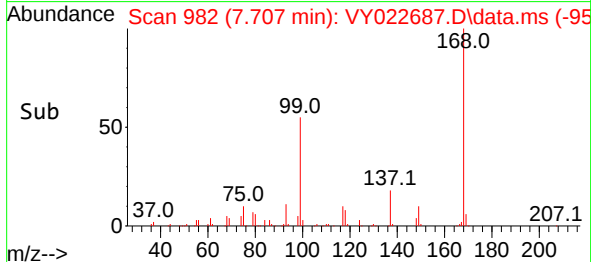
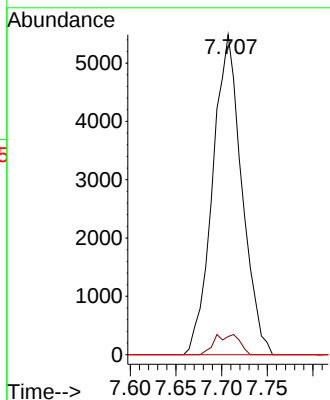
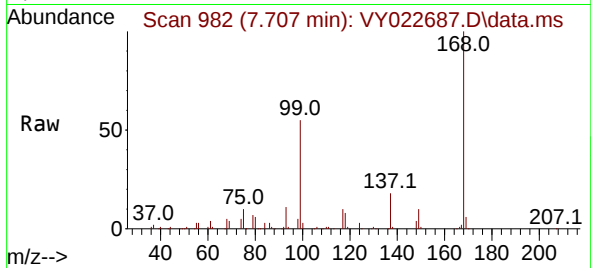




#38
Carbon Tetrachloride
Concen: 5.488 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

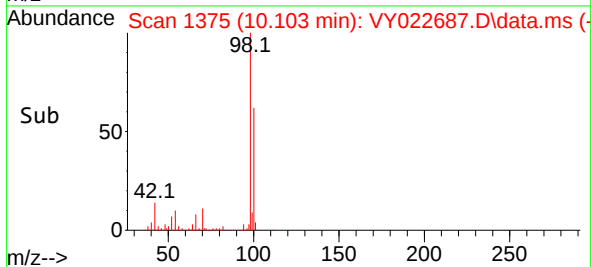
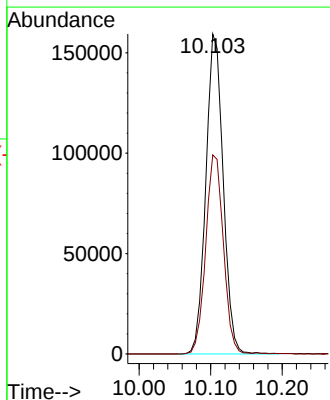
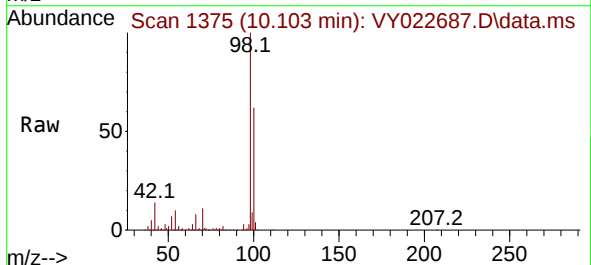
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-06122025

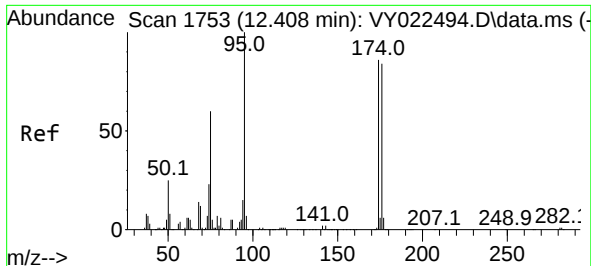
Tgt Ion:117 Resp: 12195
Ion Ratio Lower Upper
117 100
119 5.6 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.765 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

Tgt Ion: 98 Resp: 268350
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0

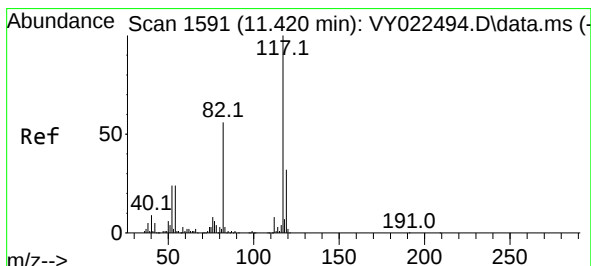
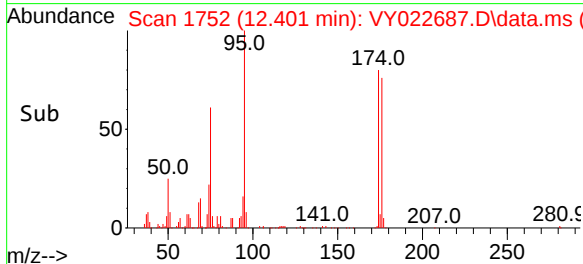
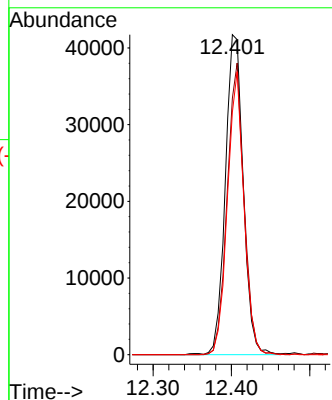
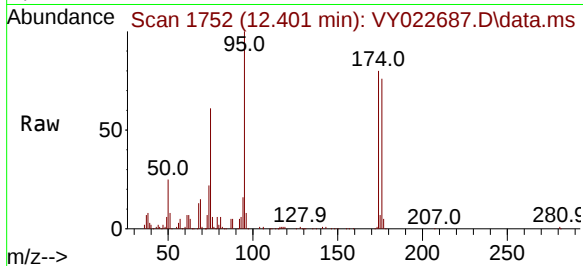




#62
4-Bromofluorobenzene
Concen: 41.330 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

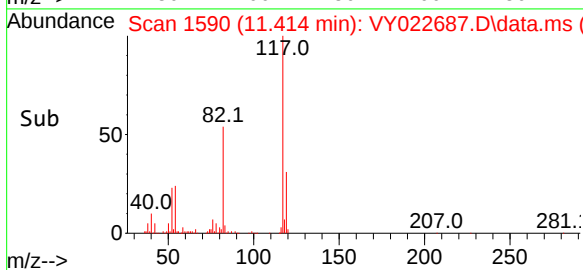
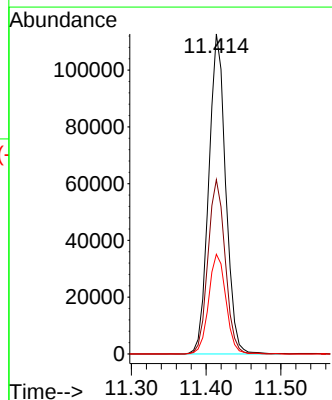
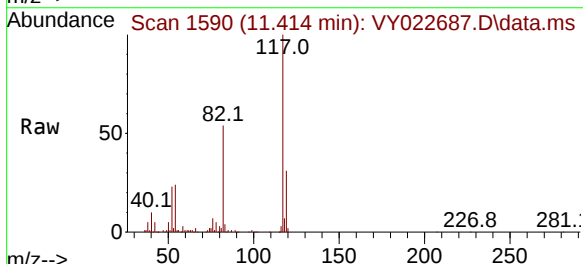
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-06122025

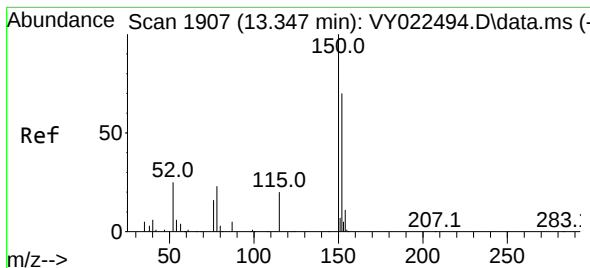
Tgt Ion: 95 Resp: 66403
Ion Ratio Lower Upper
95 100
174 85.7 0.0 170.0
176 81.5 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

Tgt Ion: 117 Resp: 177439
Ion Ratio Lower Upper
117 100
82 54.4 44.6 66.8
119 31.1 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: VY022687.D

Acq: 13 Jun 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-06122025

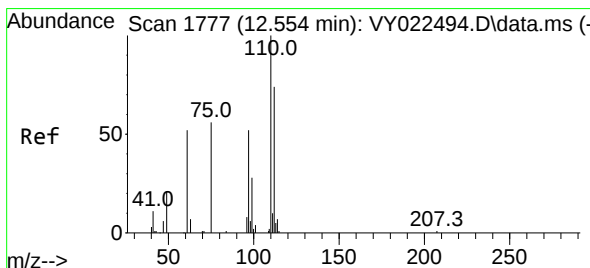
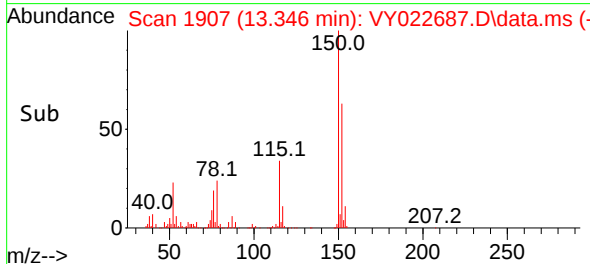
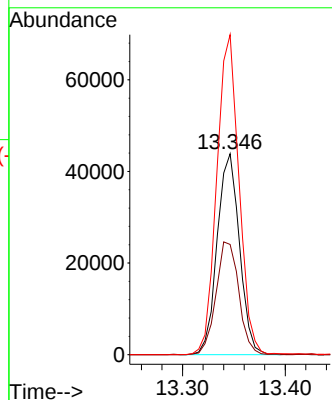
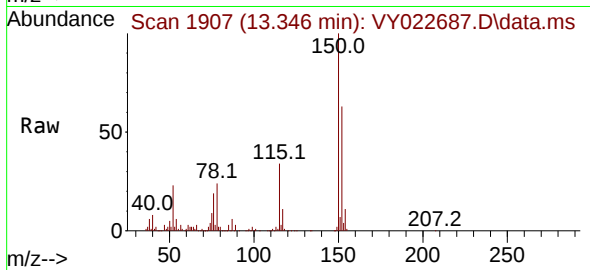
Tgt Ion:152 Resp: 65980

Ion Ratio Lower Upper

152 100

115 57.5 28.9 86.7

150 159.1 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 52.100 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.153 min

Lab File: VY022687.D

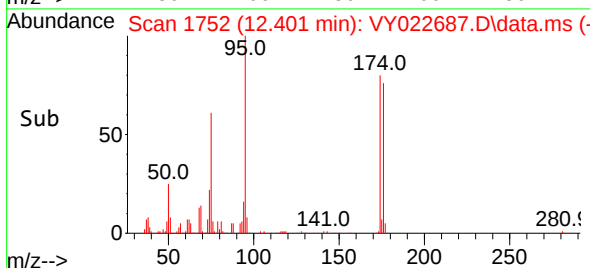
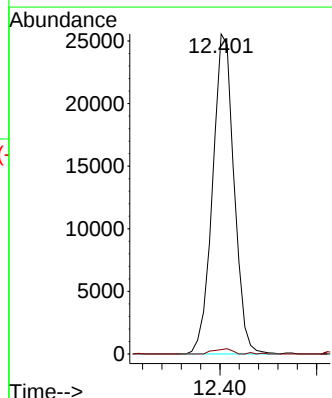
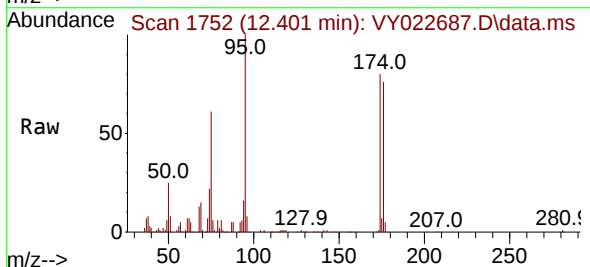
Acq: 13 Jun 2025 11:08

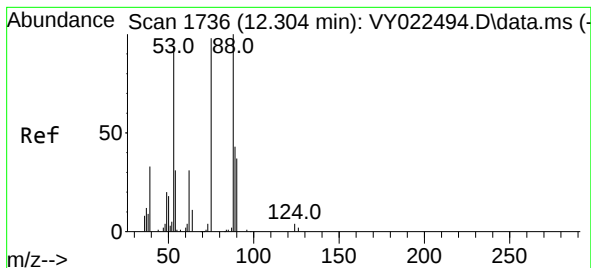
Tgt Ion: 75 Resp: 39327

Ion Ratio Lower Upper

75 100

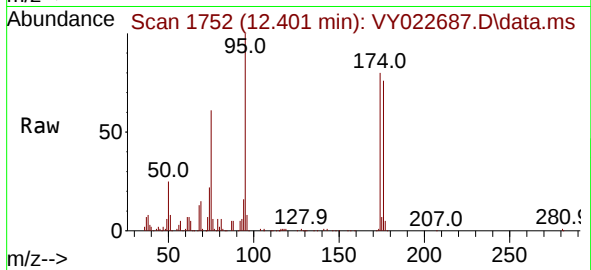
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 125.819 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-06122025



Tgt Ion: 75 Resp: 39327
Ion Ratio Lower Upper
75 100
53 0.1 78.5 117.7#
89 0.0 35.7 53.5#

