

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022174.D
 Acq On : 06 May 2025 11:29
 Operator : SY/MD
 Sample : Q1961-01
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-050525

Quant Time: May 07 04:33:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

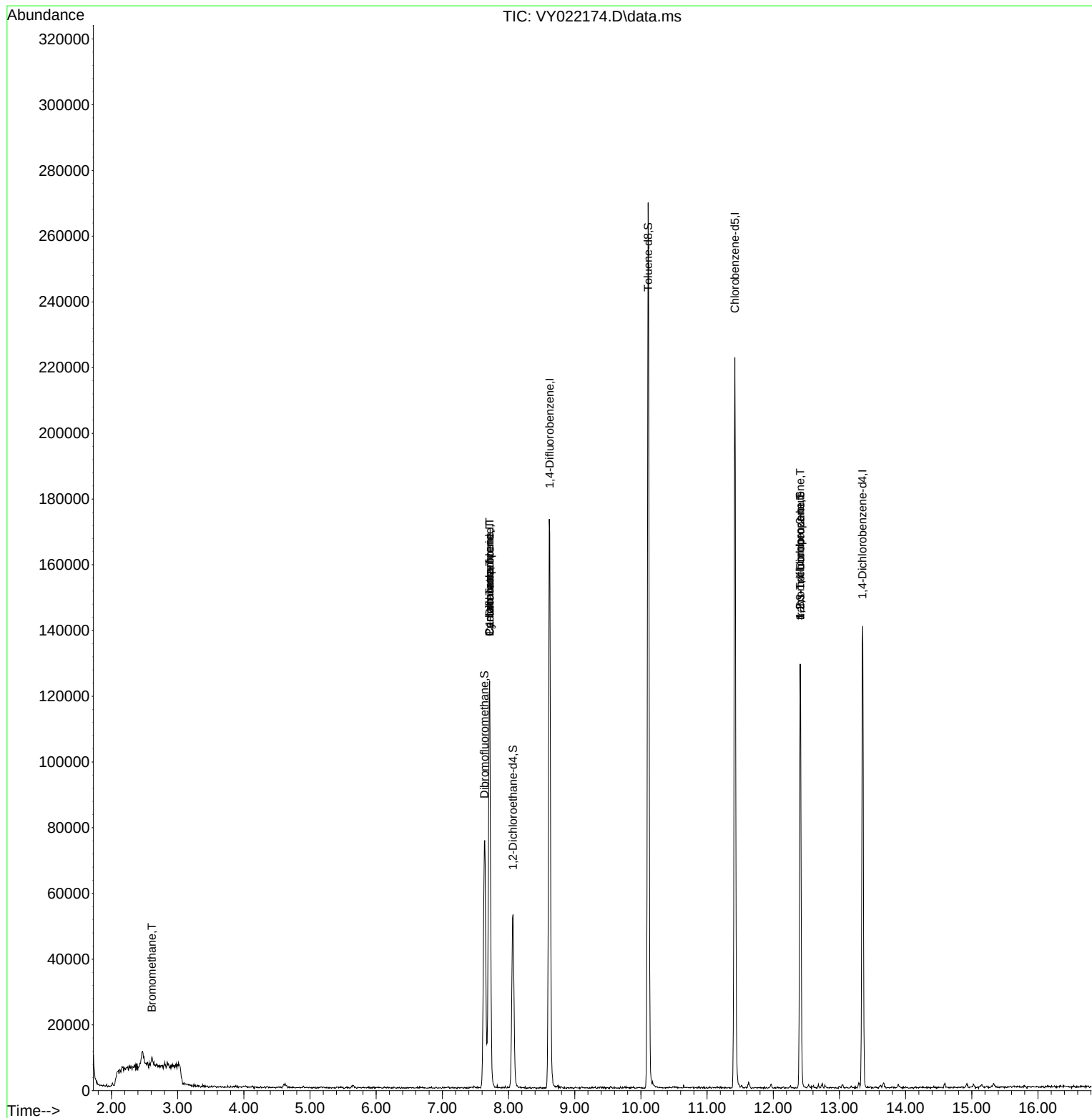
Internal Standards						
1) Pentafluorobenzene	7.713	168	94987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	153250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	123852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	36167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	43218	49.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.520%
35) Dibromofluoromethane	7.634	113	55798	55.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.220%
50) Toluene-d8	10.109	98	178874	46.863	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.408	95	40727	31.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.400%
Target Compounds						
5) Bromomethane	2.611	94	1604	1.315	ug/l #	67
16) Acetone	3.879	43	115	Below Cal	#	41
31) Cyclohexane	7.713	56	1999	1.378	ug/l #	32
36) 1,1-Dichloropropene	7.713	75	7665	5.636	ug/l #	47
38) Carbon Tetrachloride	7.713	117	9038	5.562	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	19998	64.554	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	19998	155.455	ug/l #	16

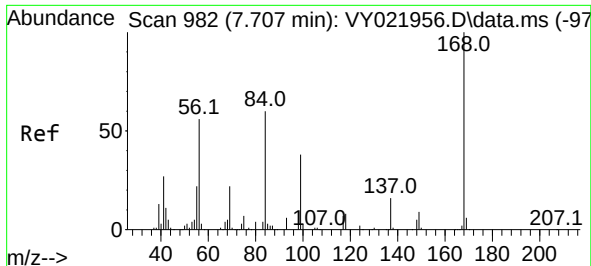
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022174.D
Acq On : 06 May 2025 11:29
Operator : SY/MD
Sample : Q1961-01
Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050525

Quant Time: May 07 04:33:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

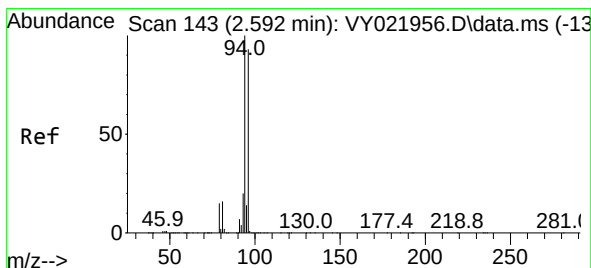
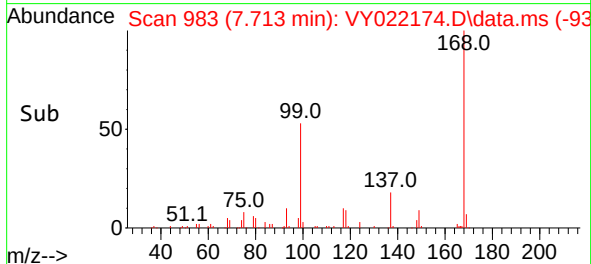
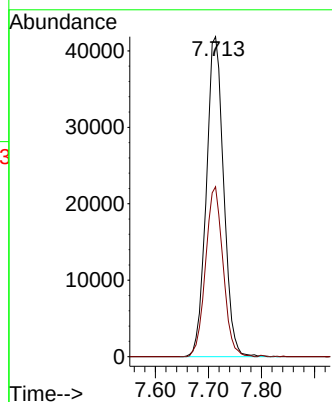
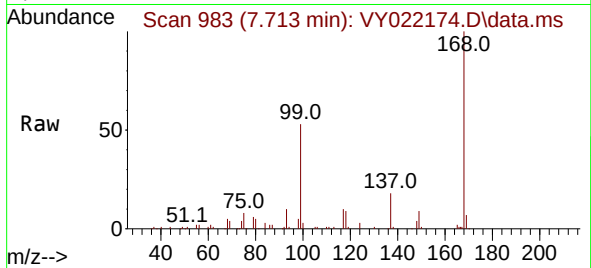




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

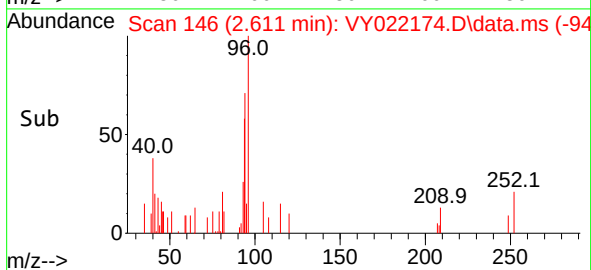
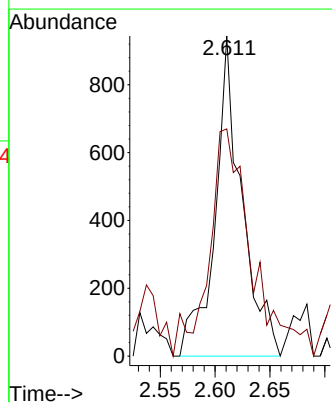
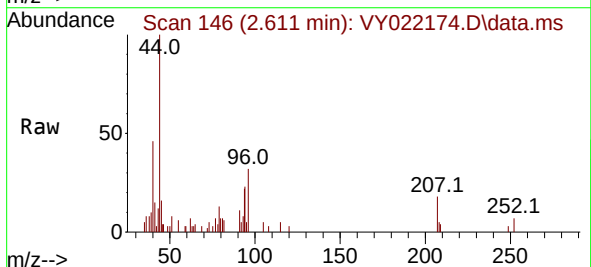
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050525

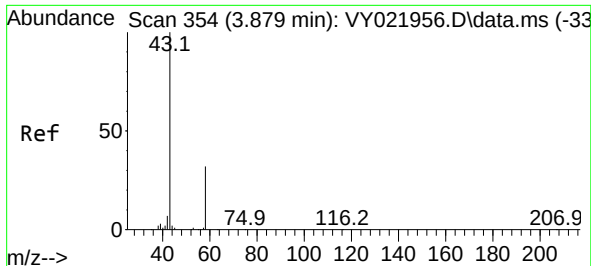
Tgt Ion:168 Resp: 94987
Ion Ratio Lower Upper
168 100
99 53.1 43.1 64.7



#5
Bromomethane
Concen: 1.315 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.018 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

Tgt Ion: 94 Resp: 1604
Ion Ratio Lower Upper
94 100
96 61.3 74.6 111.8#

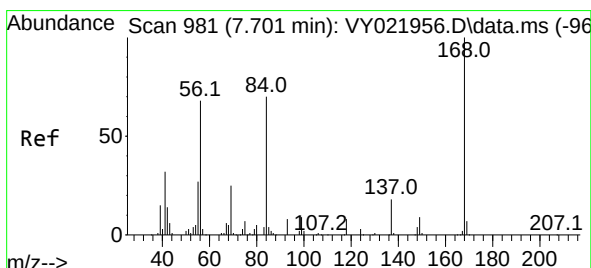
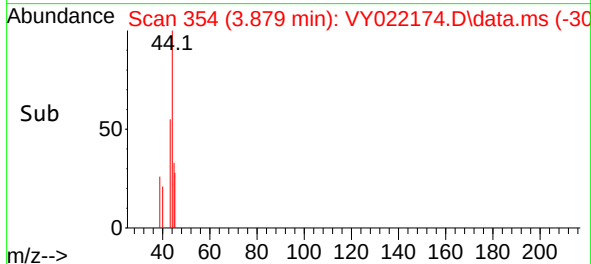
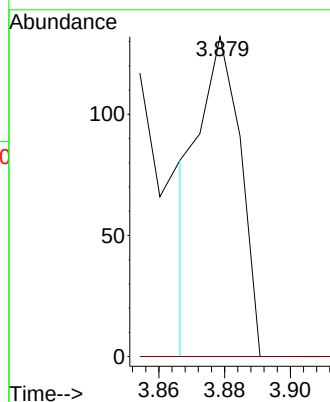
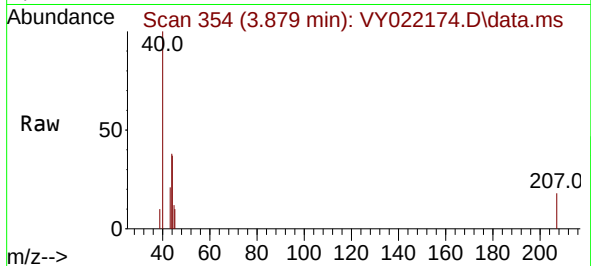




#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

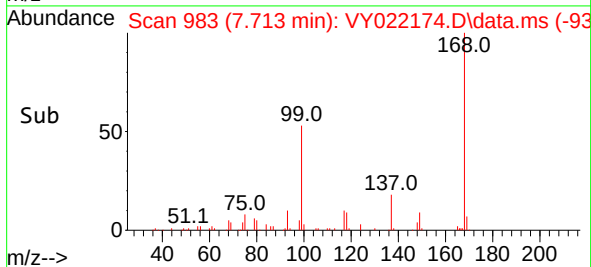
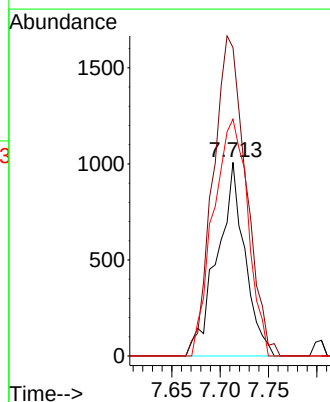
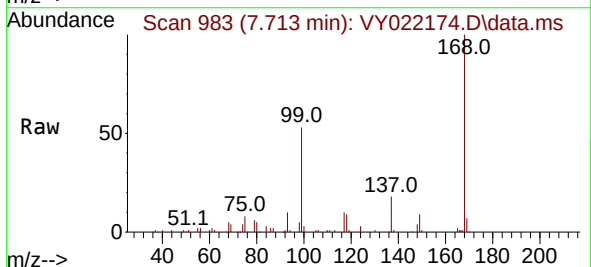
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050525

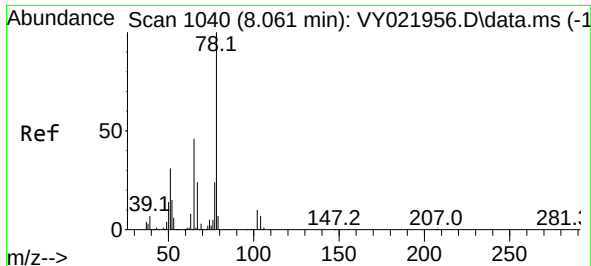
Tgt Ion: 43 Resp: 115
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#



#31
Cyclohexane
Concen: 1.378 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

Tgt Ion: 56 Resp: 1999
Ion Ratio Lower Upper
56 100
69 159.2 29.4 44.2#
84 122.3 82.2 123.4





#33

1,2-Dichloroethane-d4

Concen: 49.258 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY022174.D

Acq: 06 May 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

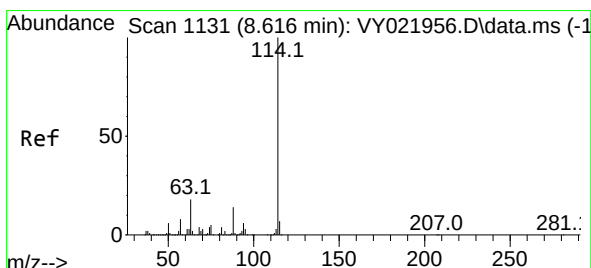
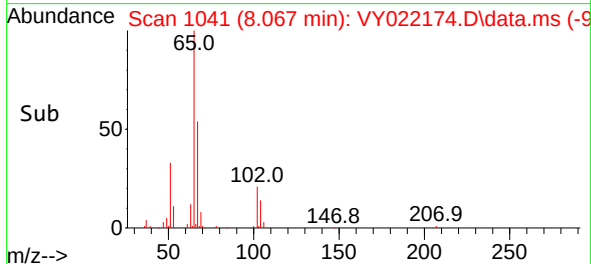
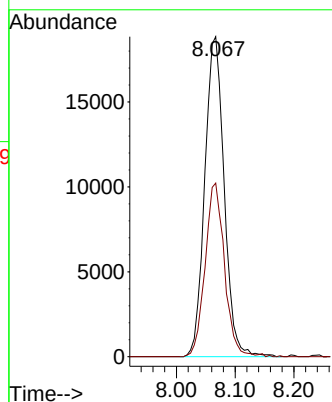
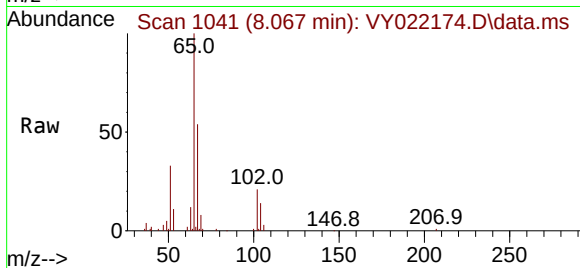
EO-01-050525

Tgt Ion: 65 Resp: 43218

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022174.D

Acq: 06 May 2025 11:29

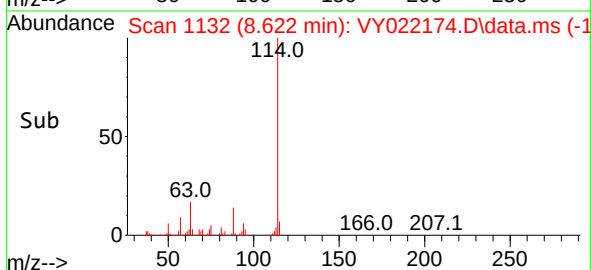
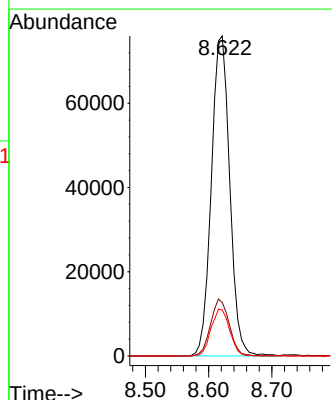
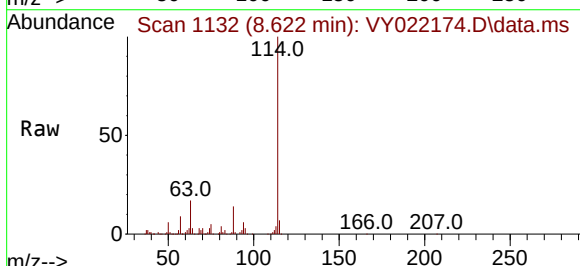
Tgt Ion: 114 Resp: 153250

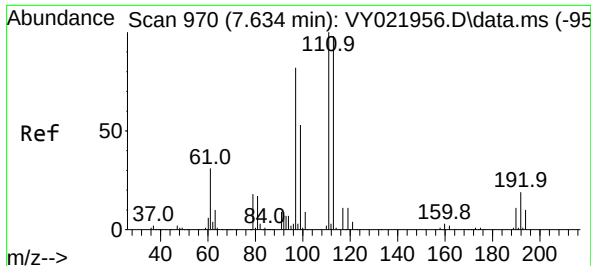
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.4

88 14.3 0.0 28.2

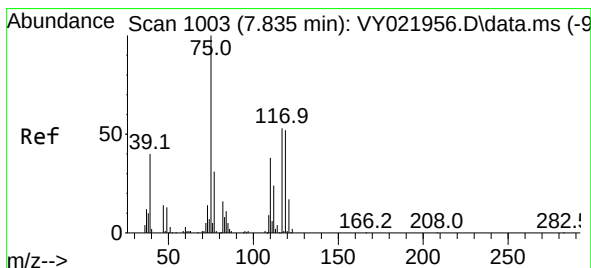
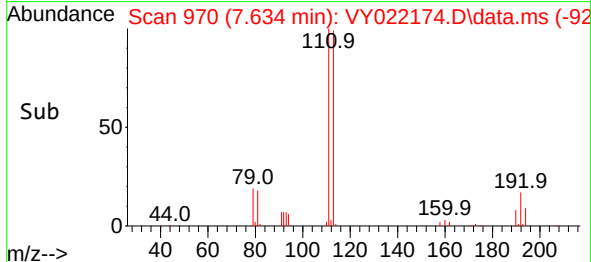
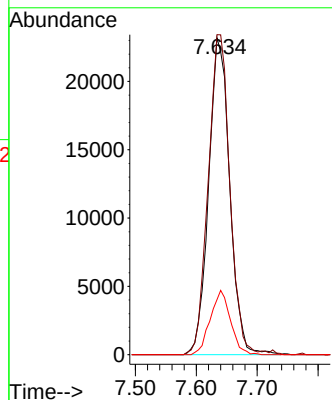
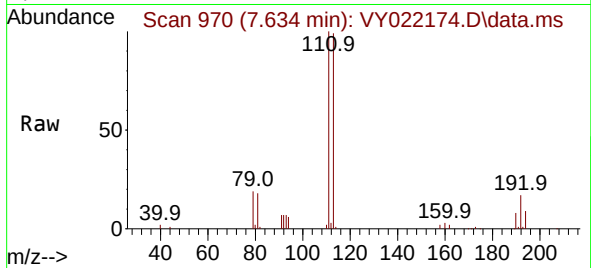




#35
Dibromofluoromethane
Concen: 55.112 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

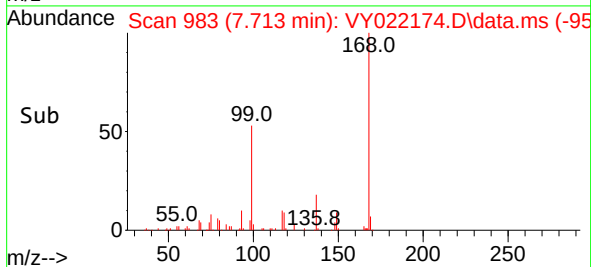
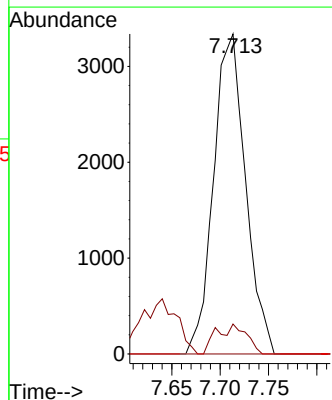
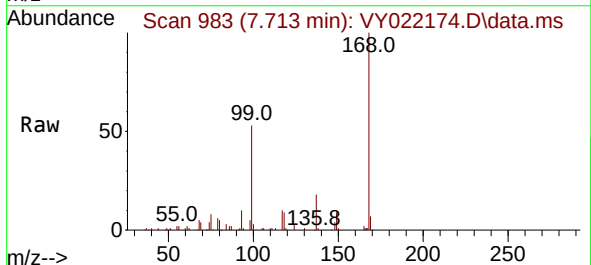
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050525

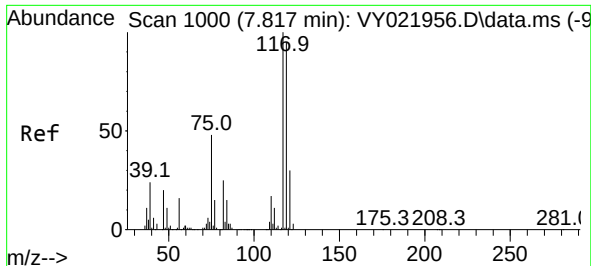
Tgt Ion:113 Resp: 55798
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 19.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.636 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

Tgt Ion: 75 Resp: 7665
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.3#
77 0.0 25.5 38.3#

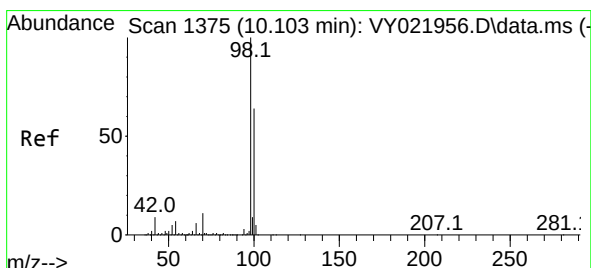
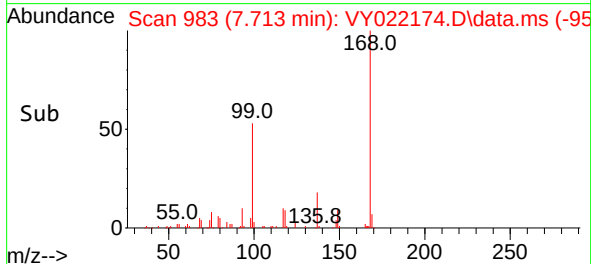
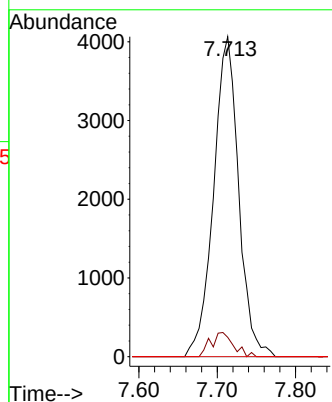
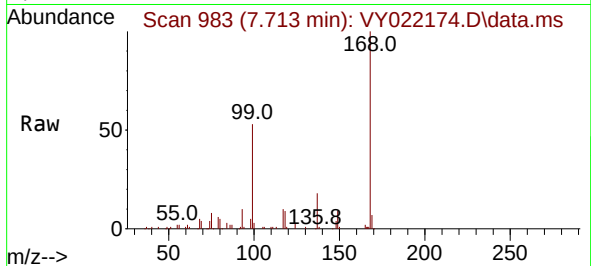




#38
Carbon Tetrachloride
Concen: 5.562 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

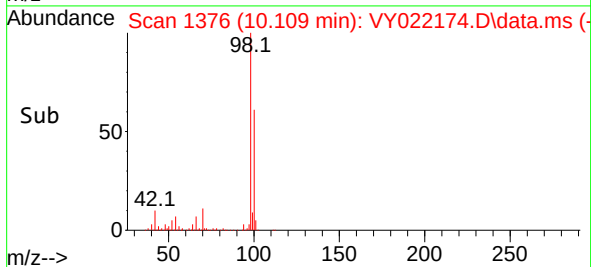
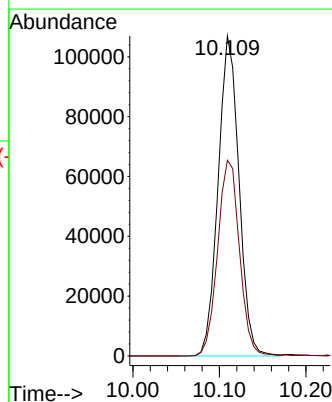
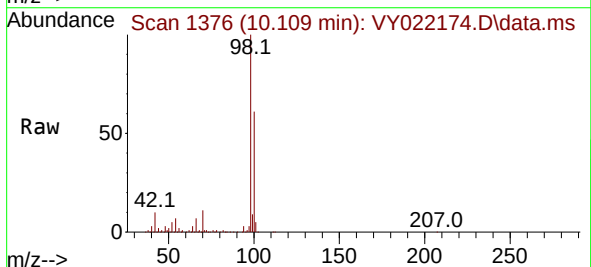
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050525

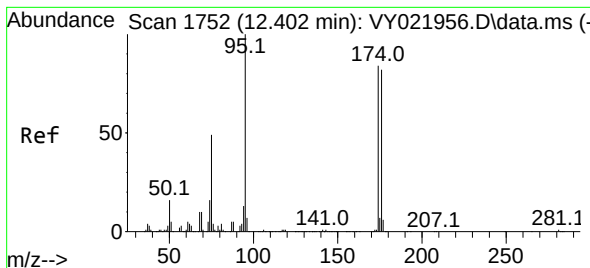
Tgt Ion:117 Resp: 9038
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.4#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.863 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

Tgt Ion: 98 Resp: 178874
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 31.696 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022174.D

Acq: 06 May 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-050525

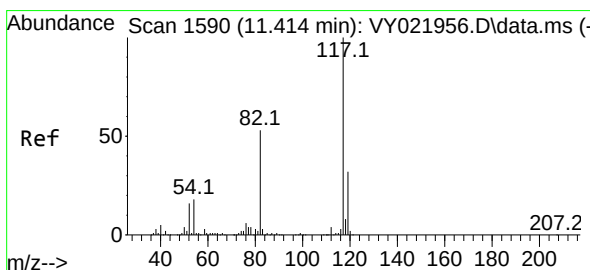
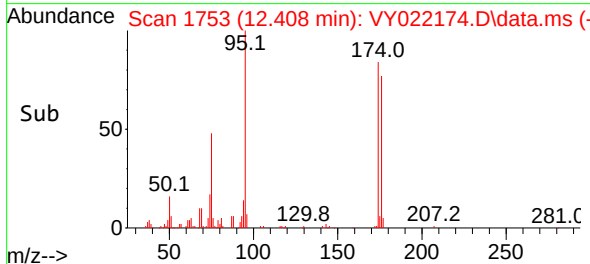
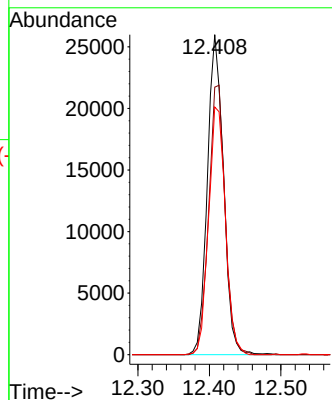
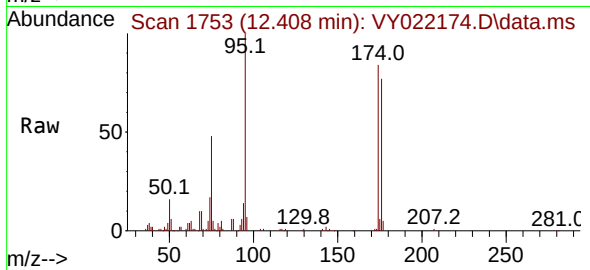
Tgt Ion: 95 Resp: 40727

Ion Ratio Lower Upper

95 100

174 86.0 0.0 179.0

176 80.8 0.0 171.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY022174.D

Acq: 06 May 2025 11:29

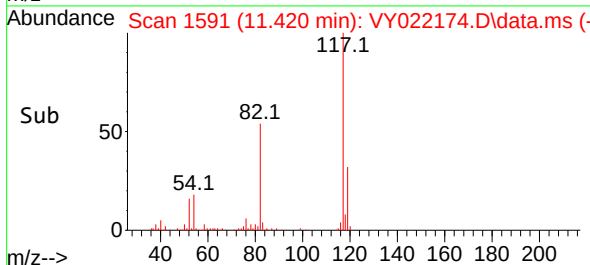
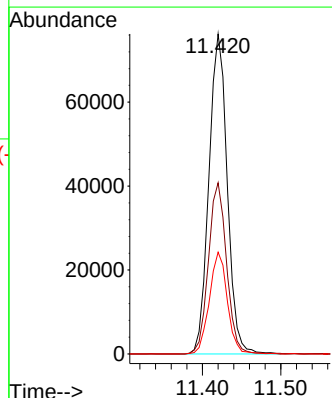
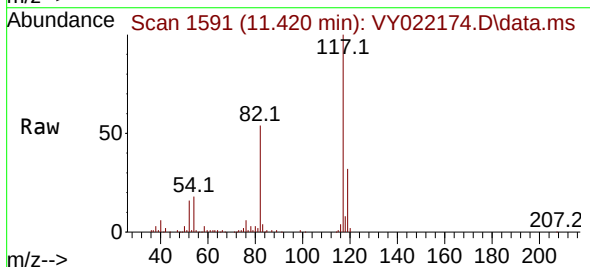
Tgt Ion: 117 Resp: 123852

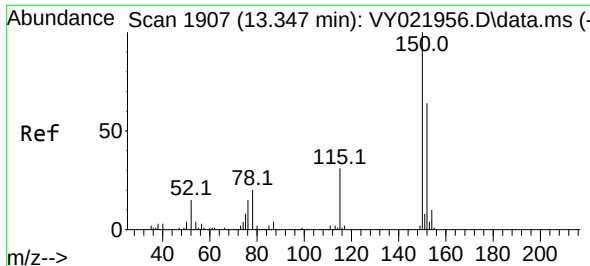
Ion Ratio Lower Upper

117 100

82 53.5 42.1 63.1

119 31.8 25.7 38.5

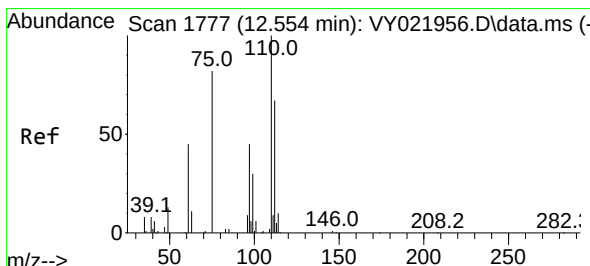
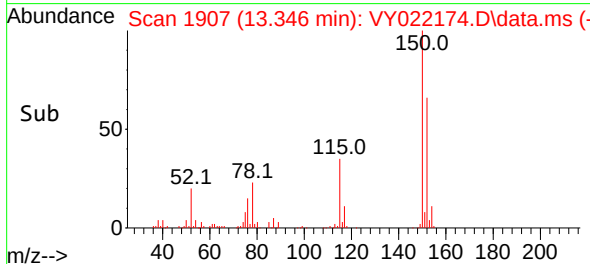
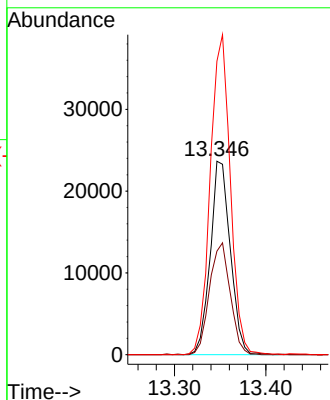
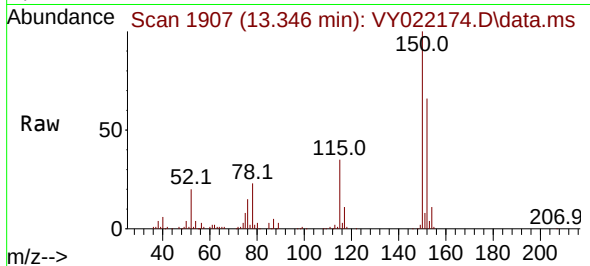




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022174.D
 Acq: 06 May 2025 11:29

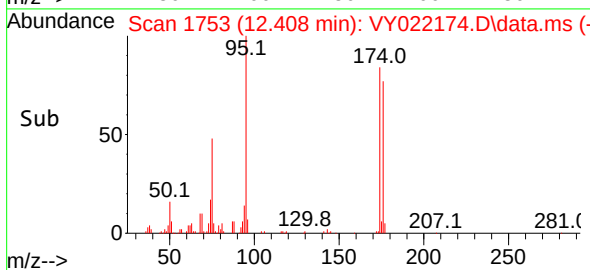
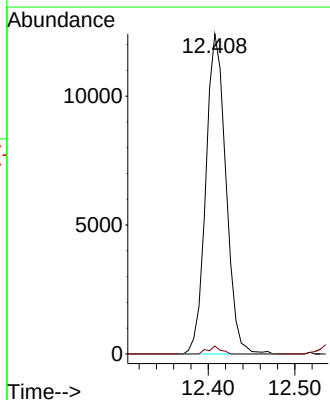
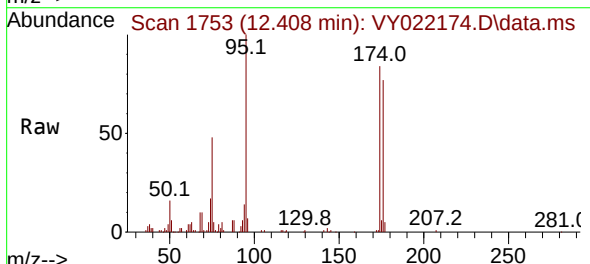
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-050525

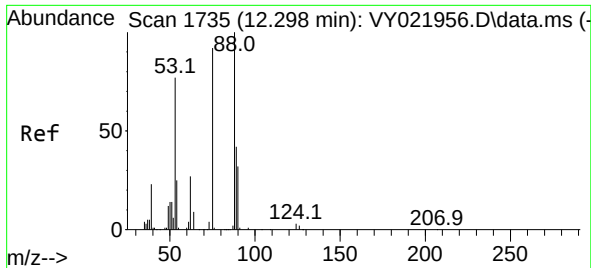
Tgt Ion:152 Resp: 36167
 Ion Ratio Lower Upper
 152 100
 115 59.8 28.0 84.0
 150 165.1 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 64.554 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY022174.D
 Acq: 06 May 2025 11:29

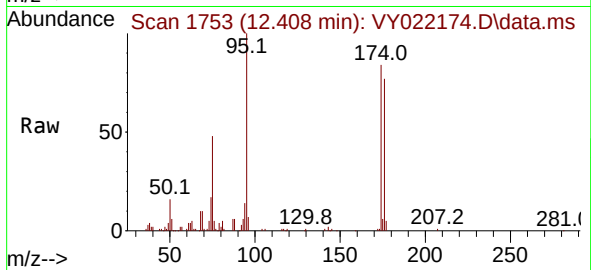
Tgt Ion: 75 Resp: 19998
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 155.455 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050525



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.0	99.0#
89	0.0	37.2	55.8#

