

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022358.D
 Acq On : 21 May 2025 11:37
 Operator : SY/MD
 Sample : Q2056-05
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GVD15

Quant Time: May 22 00:07:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

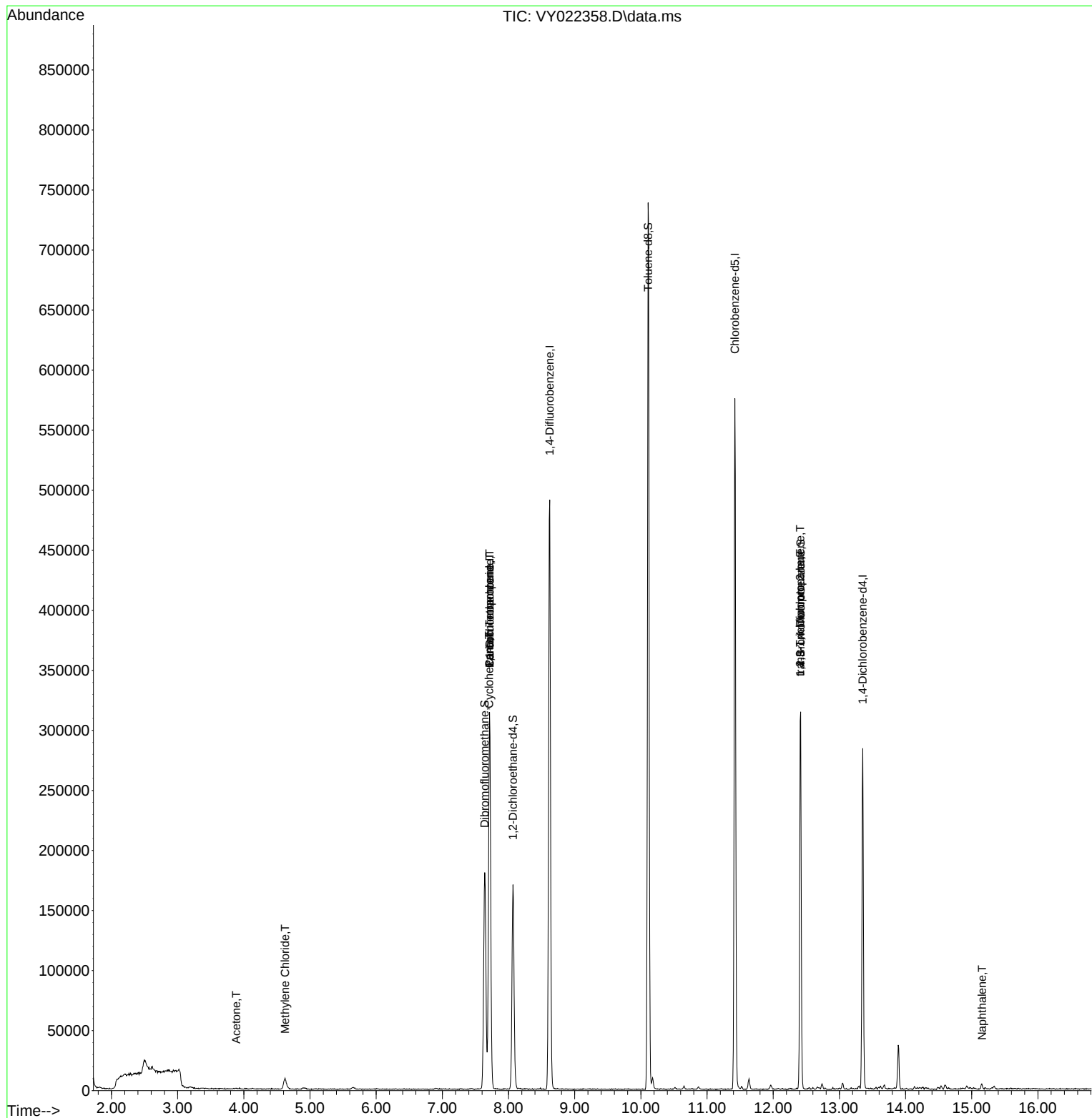
Internal Standards						
1) Pentafluorobenzene	7.713	168	236757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	411751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	277651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	64045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	125446	48.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.960%
35) Dibromofluoromethane	7.640	113	125883	51.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.440%
50) Toluene-d8	10.109	98	473741	47.067	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.414	95	88724	27.811	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.620%
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	1096	2.259	ug/l	91
20) Methylene Chloride	4.622	84	6198	1.977	ug/l	90
31) Cyclohexane	7.707	56	6333	1.210	ug/l #	60
36) 1,1-Dichloropropene	7.713	75	20218	4.995	ug/l #	51
38) Carbon Tetrachloride	7.713	117	24319	5.804	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	51572	79.483	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	51572	161.012	ug/l #	12
95) Naphthalene	15.157	128	3268	1.534	ug/l	98

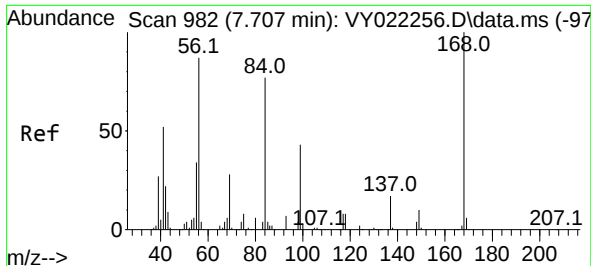
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022358.D
Acq On : 21 May 2025 11:37
Operator : SY/MD
Sample : Q2056-05
Misc : 6.92g/5.0mL/MSVOA_Y/SOIL
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

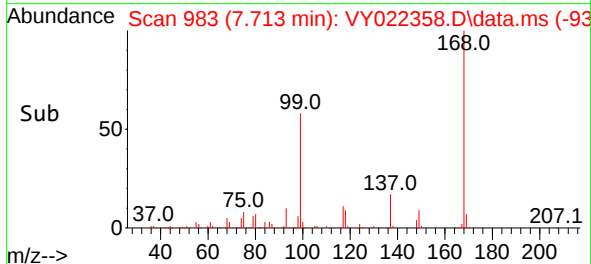
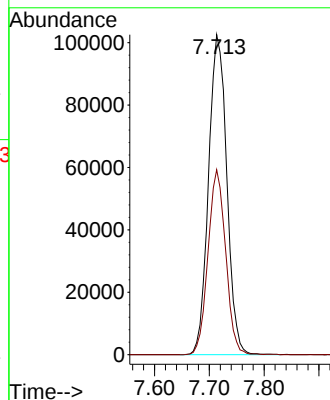
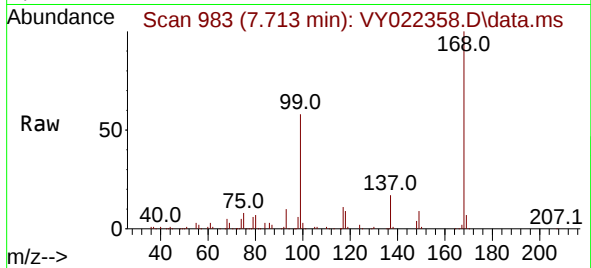




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

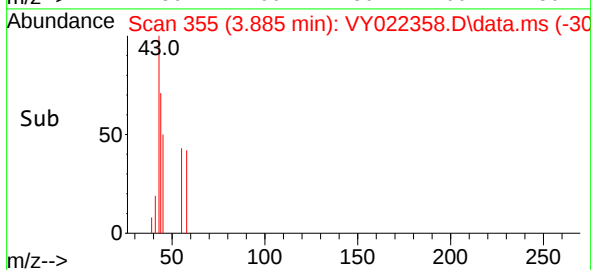
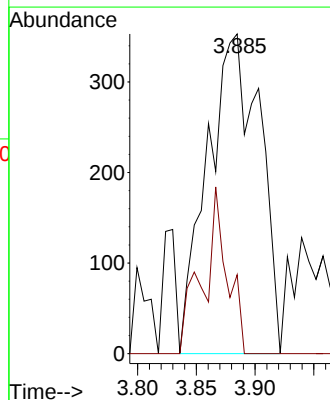
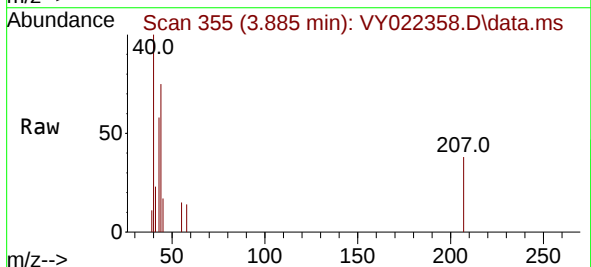
Instrument :
MSVOA_Y
ClientSampleId :
GVD15

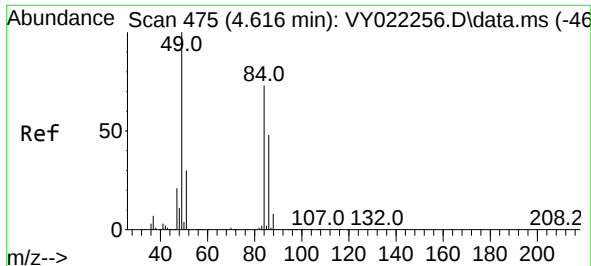
Tgt Ion:168 Resp: 236757
Ion Ratio Lower Upper
168 100
99 57.8 44.2 66.4



#16
Acetone
Concen: 2.259 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
58 24.6 23.6 35.4

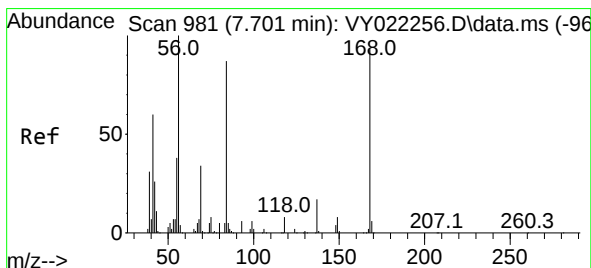
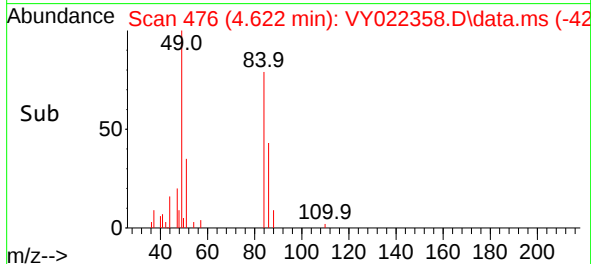
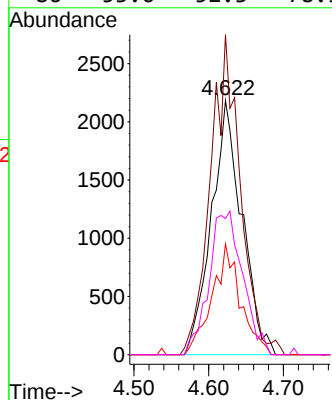
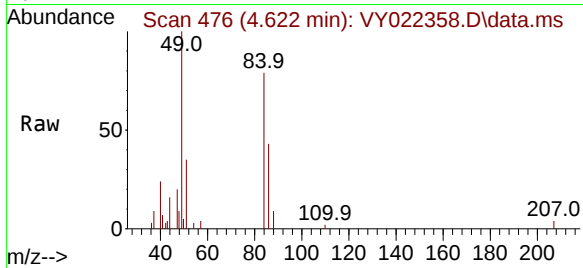




#20
Methylene Chloride
Concen: 1.977 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

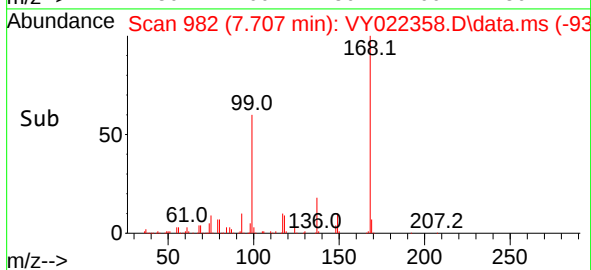
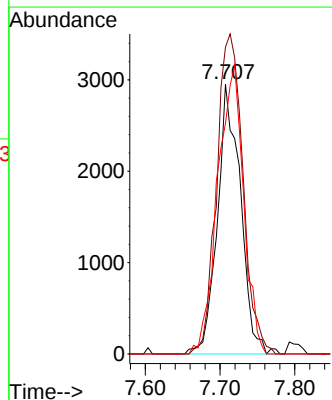
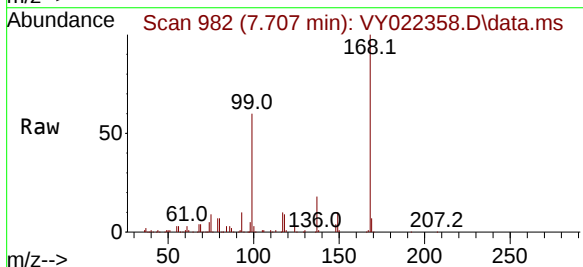
Instrument :
MSVOA_Y
ClientSampleId :
GVD15

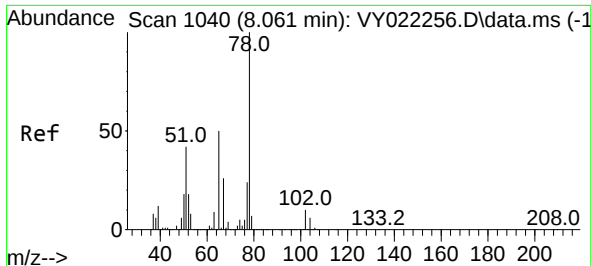
Tgt Ion:	84	Resp:	6198
Ion	Ratio	Lower	Upper
84	100		
49	125.8	109.6	164.4
51	43.5	32.4	48.6
86	53.6	52.3	78.5



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

Tgt Ion:	56	Resp:	6333
Ion	Ratio	Lower	Upper
56	100		
69	113.7	27.4	41.2#
84	85.4	70.0	105.0





#33

1,2-Dichloroethane-d4

Concen: 48.481 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY022358.D

Acq: 21 May 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

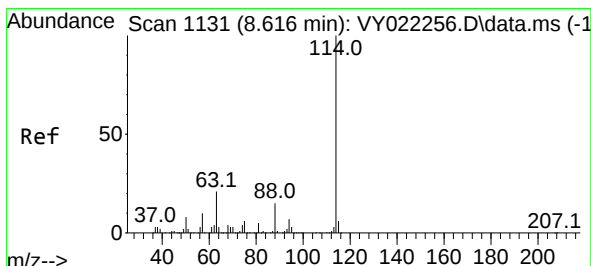
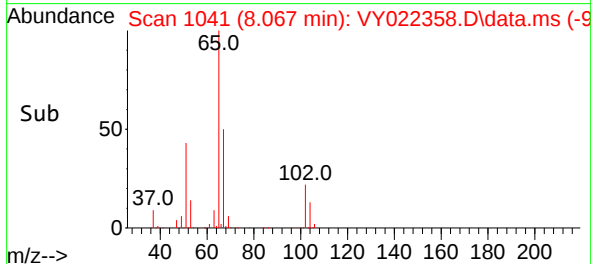
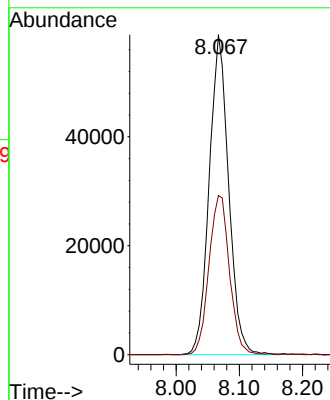
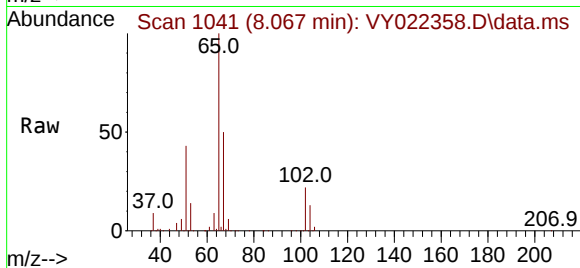
GVD15

Tgt Ion: 65 Resp: 125446

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022358.D

Acq: 21 May 2025 11:37

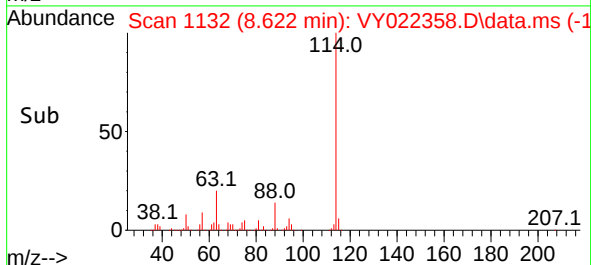
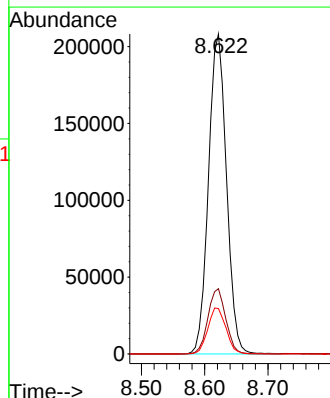
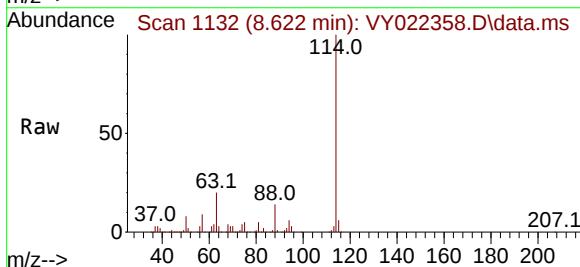
Tgt Ion: 114 Resp: 411751

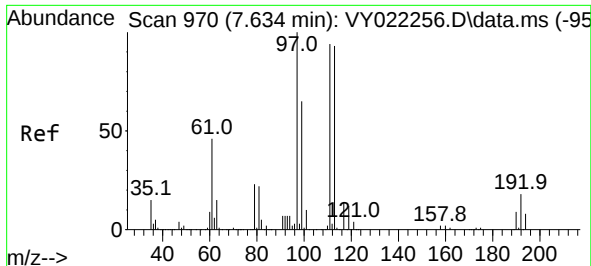
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 14.2 0.0 29.4

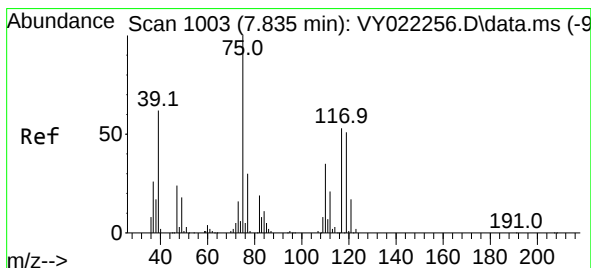
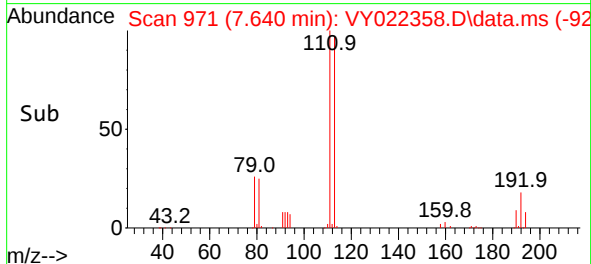
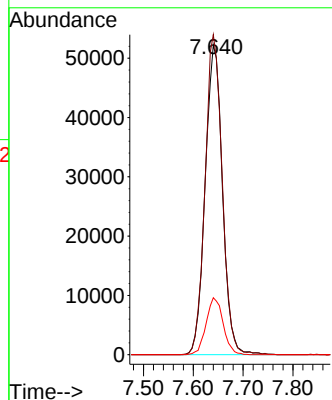
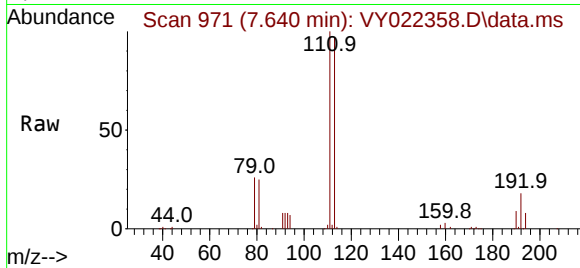




#35
Dibromofluoromethane
Concen: 51.223 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

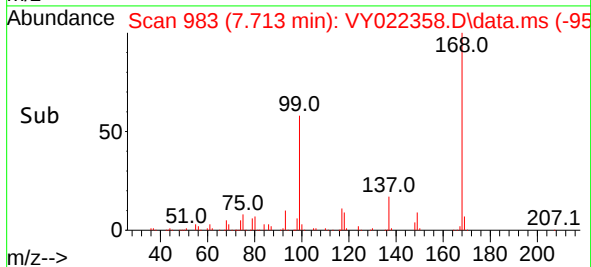
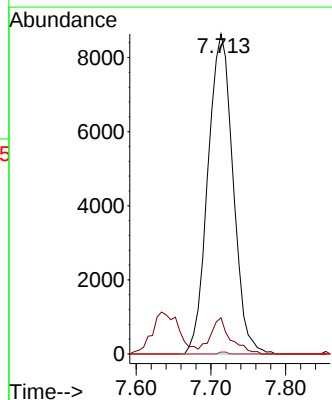
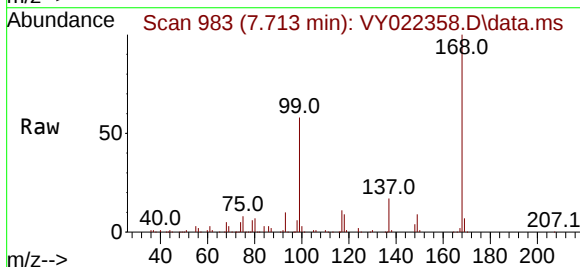
Instrument :
MSVOA_Y
ClientSampleId :
GVD15

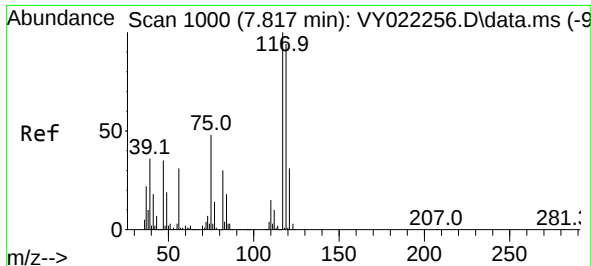
Tgt Ion:113 Resp: 125883
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 18.1 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.995 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

Tgt Ion: 75 Resp: 20218
Ion Ratio Lower Upper
75 100
110 9.0 16.6 49.8#
77 0.2 24.6 37.0#

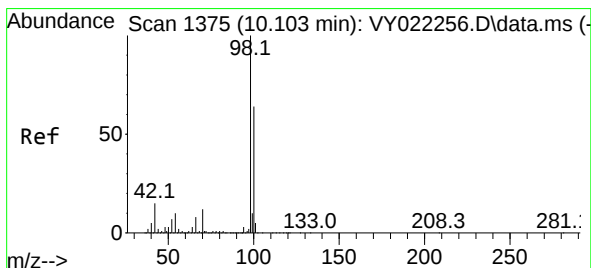
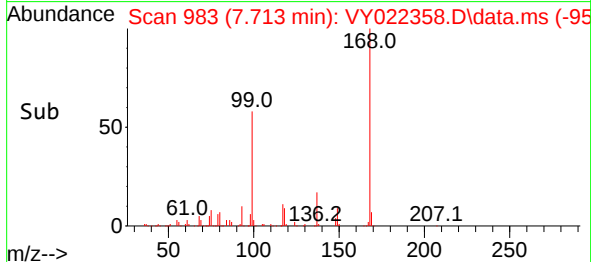
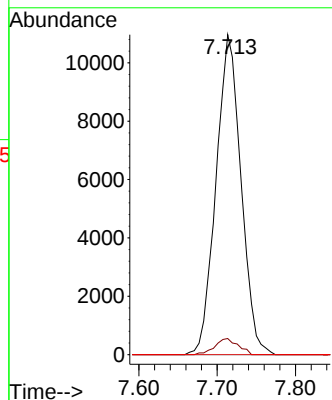
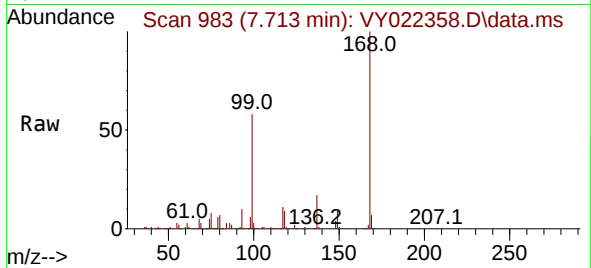




#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

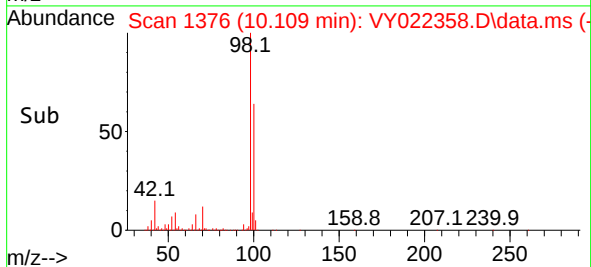
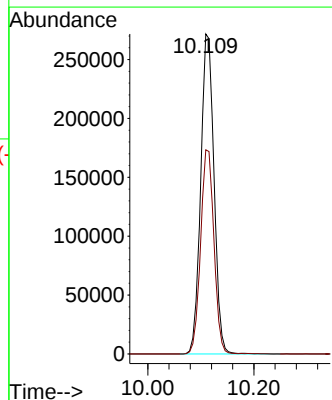
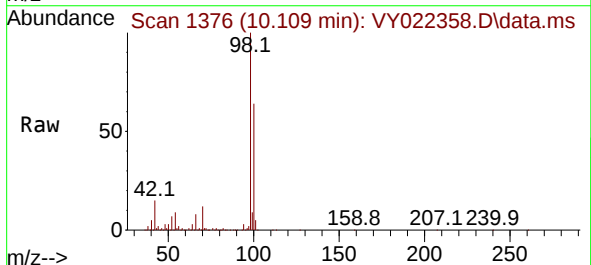
Instrument :
MSVOA_Y
ClientSampleId :
GVD15

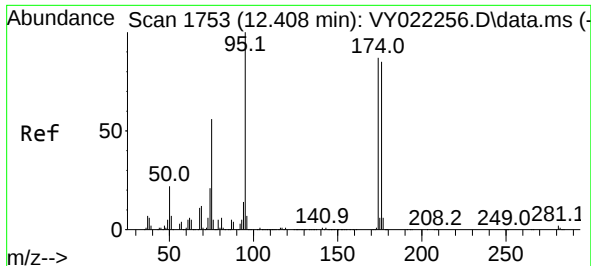
Tgt Ion:117 Resp: 24319
Ion Ratio Lower Upper
117 100
119 5.1 75.3 112.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.067 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

Tgt Ion: 98 Resp: 473741
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.8

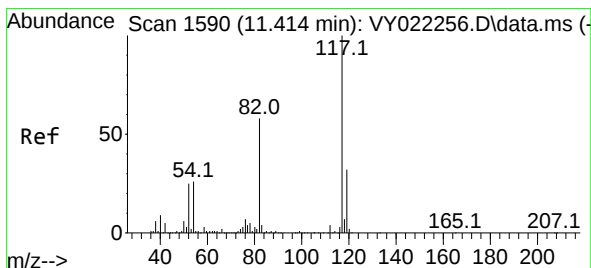
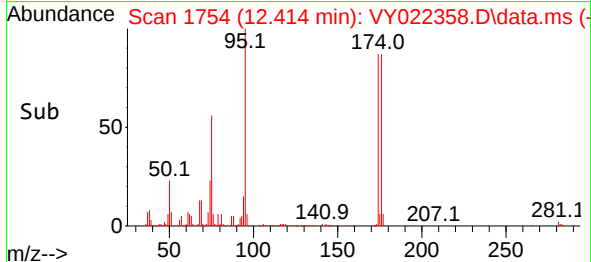
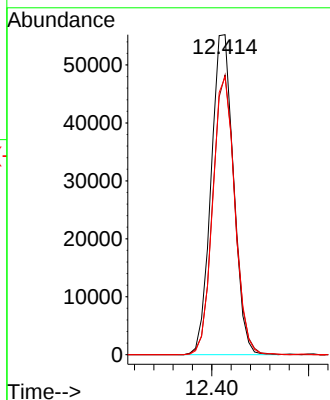
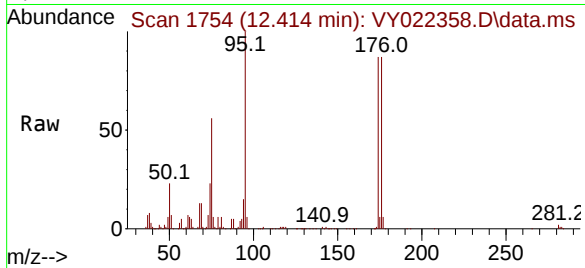




#62
4-Bromofluorobenzene
Concen: 27.811 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

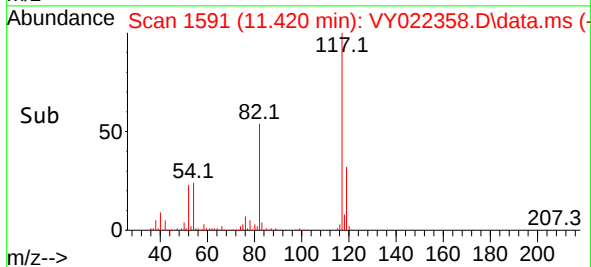
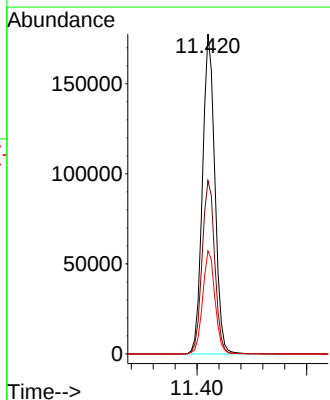
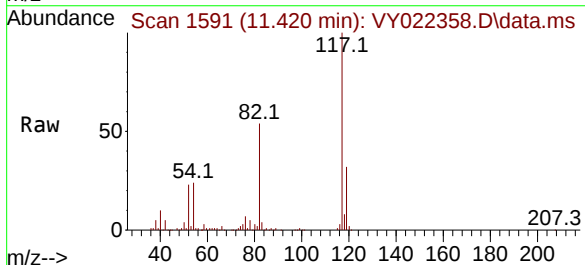
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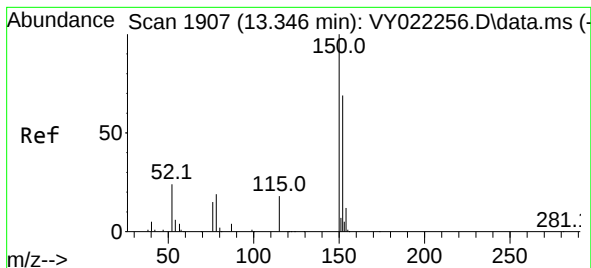
Tgt Ion: 95 Resp: 88724
Ion Ratio Lower Upper
95 100
174 86.2 0.0 166.8
176 85.4 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

Tgt Ion: 117 Resp: 277651
Ion Ratio Lower Upper
117 100
82 54.2 46.6 70.0
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY022358.D

Acq: 21 May 2025 11:37

Instrument :

MSVOA_Y

ClientSampleId :

GVD15

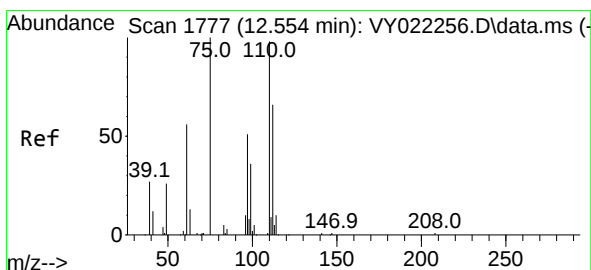
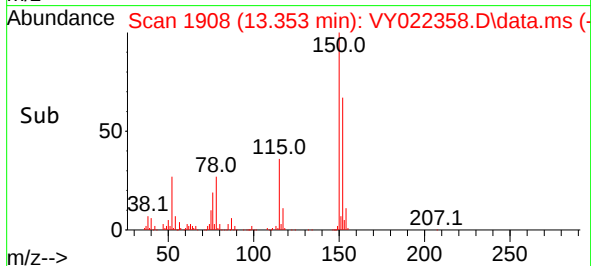
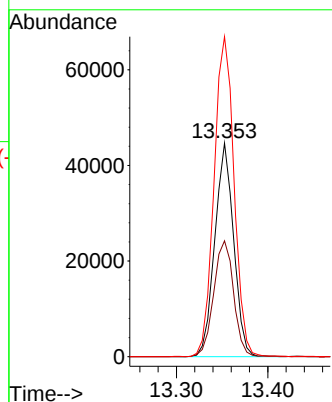
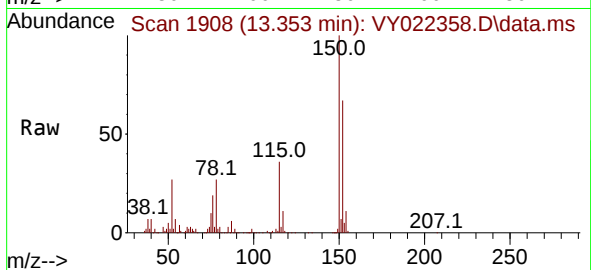
Tgt Ion:152 Resp: 64045

Ion Ratio Lower Upper

152 100

115 57.4 29.4 88.2

150 159.2 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 79.483 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022358.D

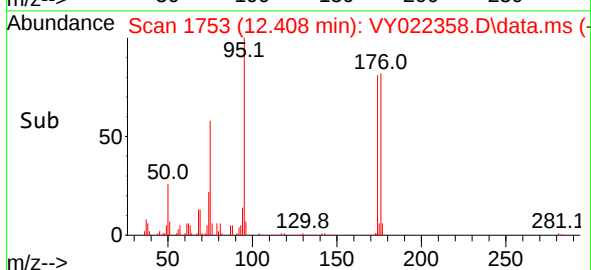
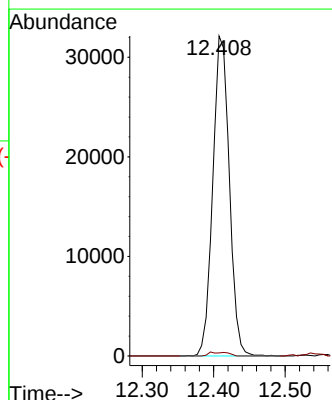
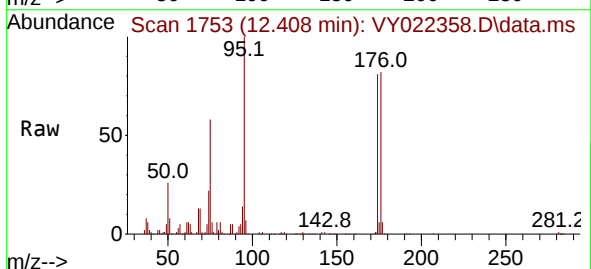
Acq: 21 May 2025 11:37

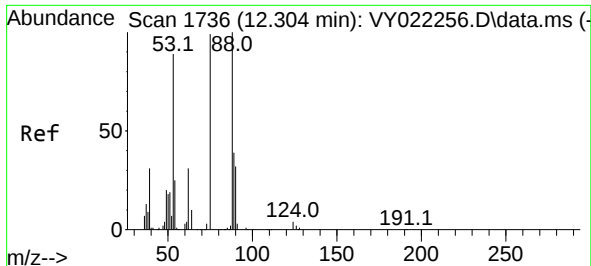
Tgt Ion: 75 Resp: 51572

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

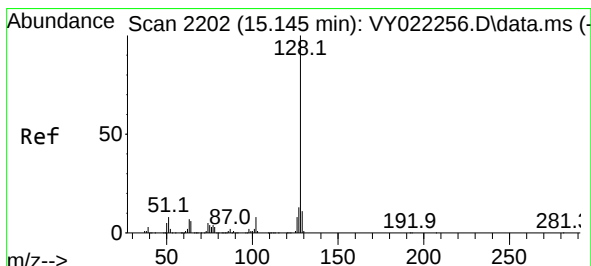
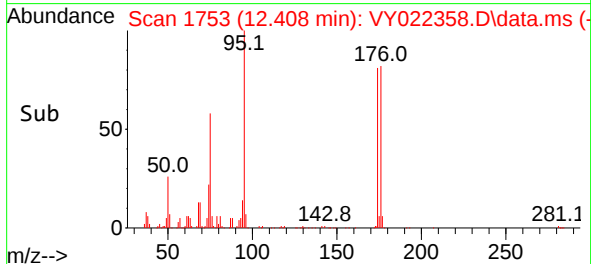
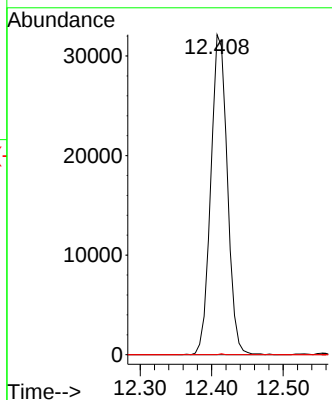
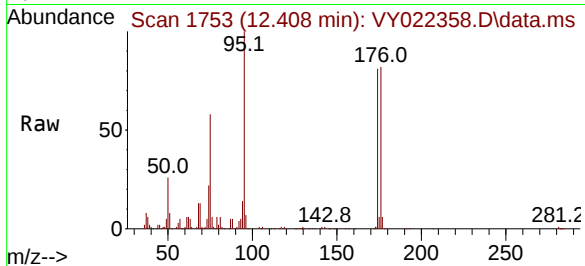




#81
trans-1,4-Dichloro-2-butene
Concen: 161.012 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

Instrument :
MSVOA_Y
ClientSampleId :
GVD15

Tgt Ion: 75 Resp: 51572
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.1 36.2 54.2#



#95
Naphthalene
Concen: 1.534 ug/l
RT: 15.157 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY022358.D
Acq: 21 May 2025 11:37

Tgt Ion: 128 Resp: 3268
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 12.1 8.8 13.2

