

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022653.D
 Acq On : 11 Jun 2025 10:30
 Operator : SY/MD
 Sample : VY0611SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBL01

Quant Time: Jun 12 05:03:18 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)

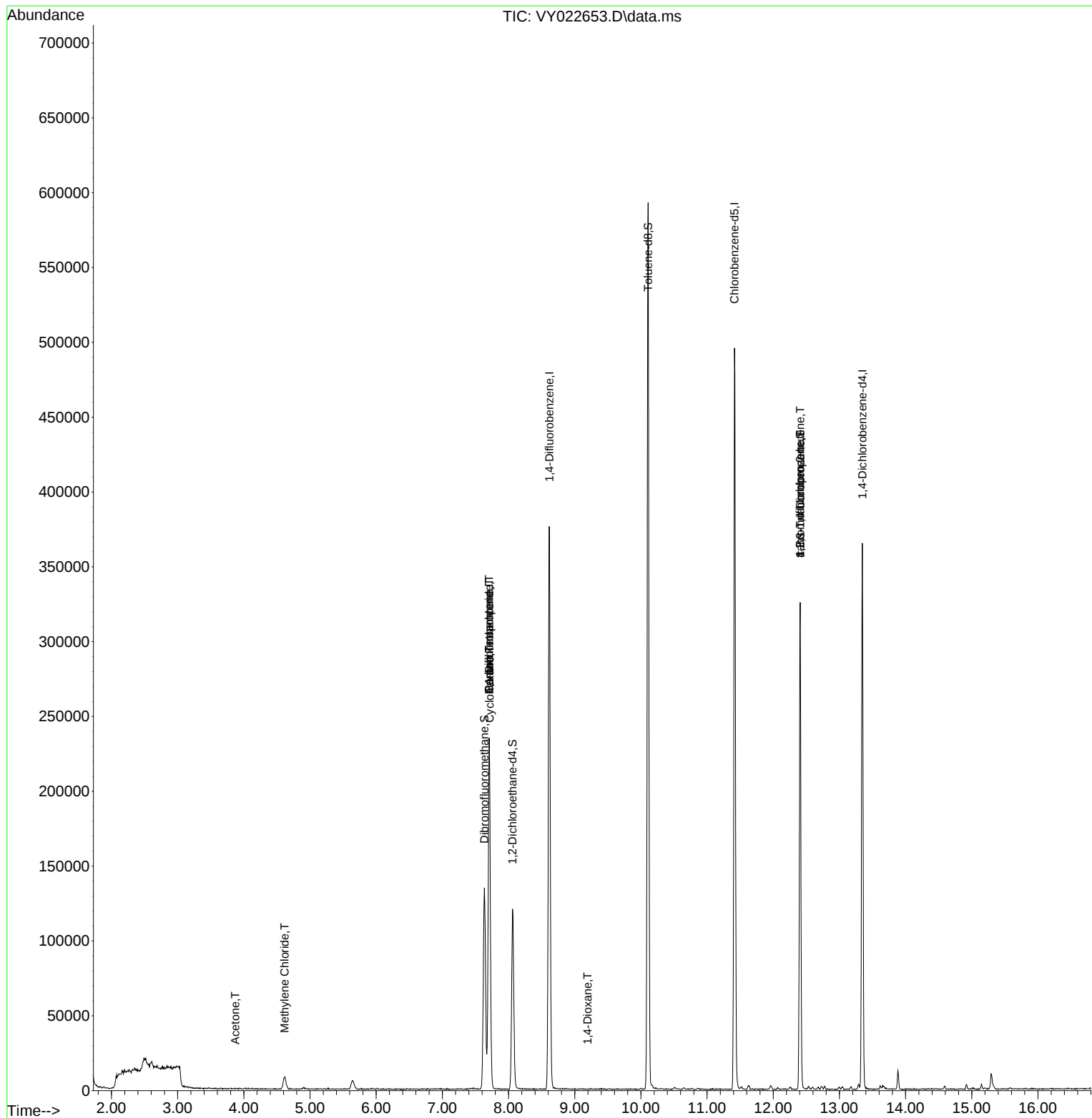
Internal Standards						
1) Pentafluorobenzene	7.707	168	167932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	308222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	245642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	84338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90855	48.373	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.740%		
35) Dibromofluoromethane	7.634	113	93125	50.619	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.240%		
50) Toluene-d8	10.109	98	371516	49.978	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.960%		
62) 4-Bromofluorobenzene	12.408	95	87668	39.582	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	79.160%		
Target Compounds					Qvalue	
16) Acetone	3.872	43	387	1.015	ug/l #	45
20) Methylene Chloride	4.616	84	6041	2.788	ug/l #	83
31) Cyclohexane	7.713	56	4690	1.299	ug/l #	24
36) 1,1-Dichloropropene	7.707	75	15210	5.094	ug/l #	49
38) Carbon Tetrachloride	7.707	117	17741	5.792	ug/l #	17
49) 1,4-Dioxane	9.195	88	61	4.391	ug/l #	24
76) 1,2,3-Trichloropropane	12.408	75	51653	53.534	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	51653	129.282	ug/l #	10

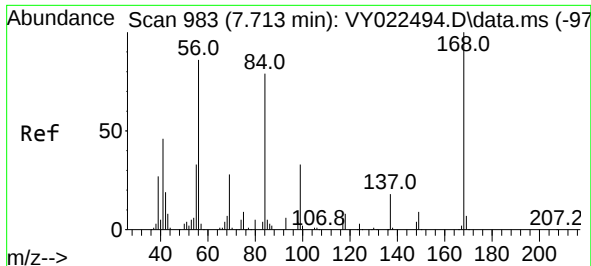
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

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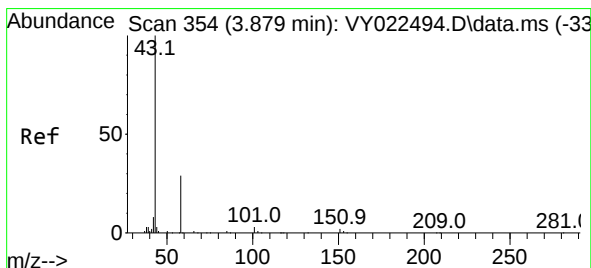
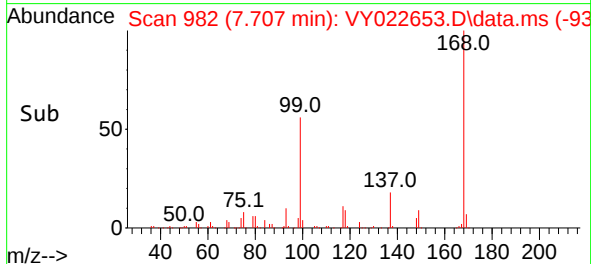
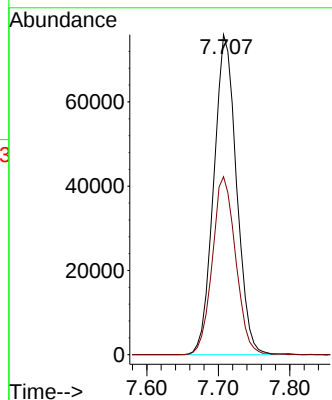
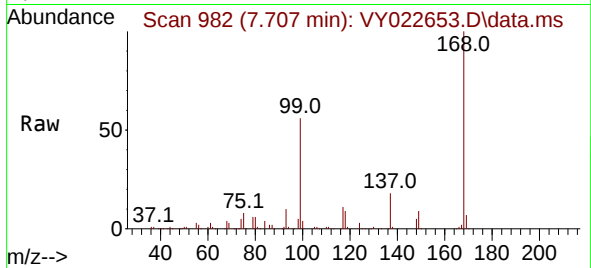




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

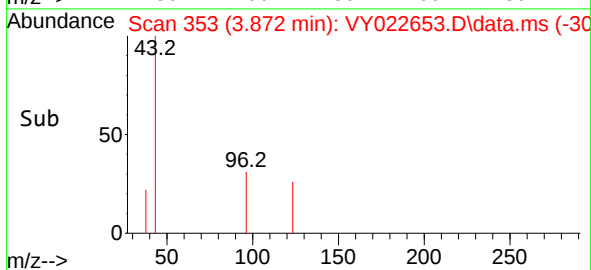
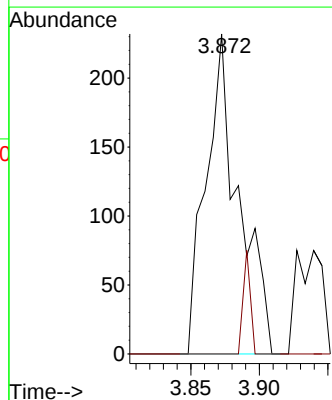
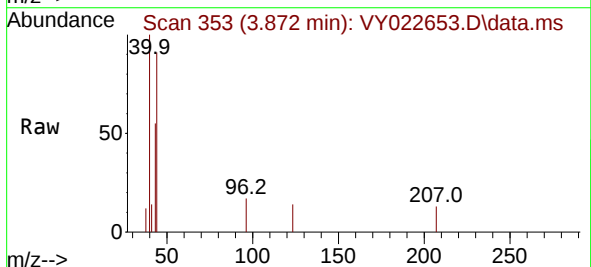
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

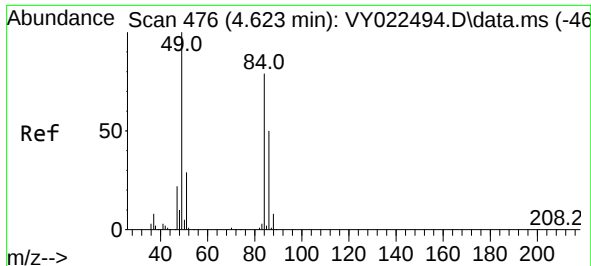
Tgt Ion:168 Resp: 167932
Ion Ratio Lower Upper
168 100
99 55.6 44.3 66.5



#16
Acetone
Concen: 1.015 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

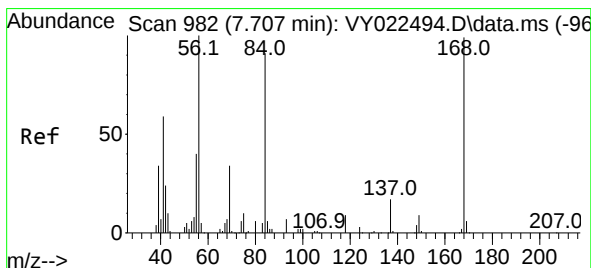
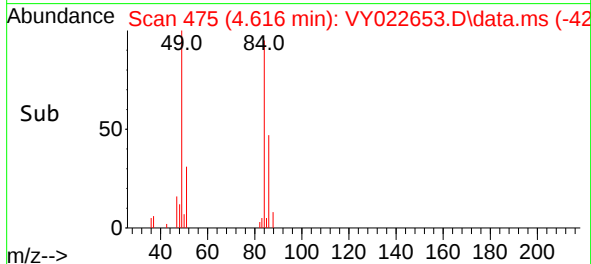
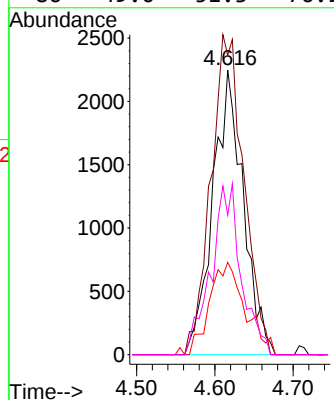
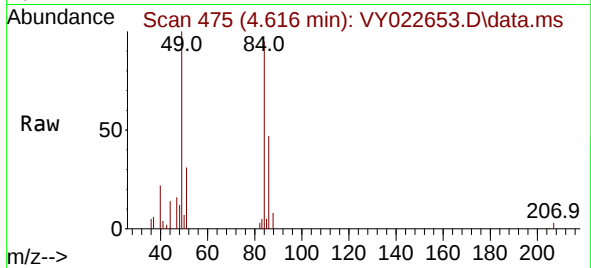




#20
Methylene Chloride
Concen: 2.788 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

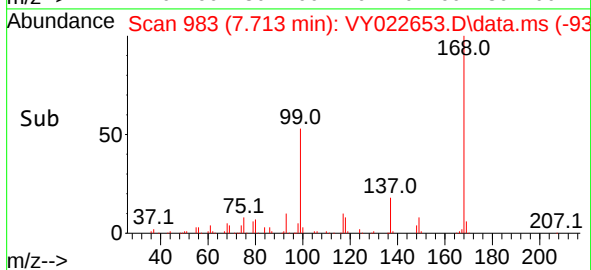
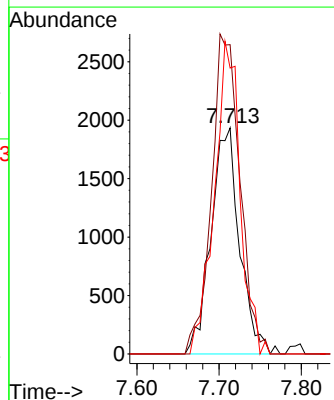
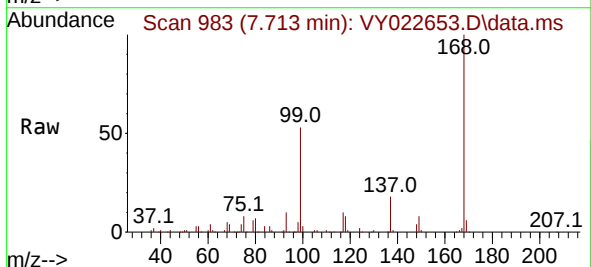
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

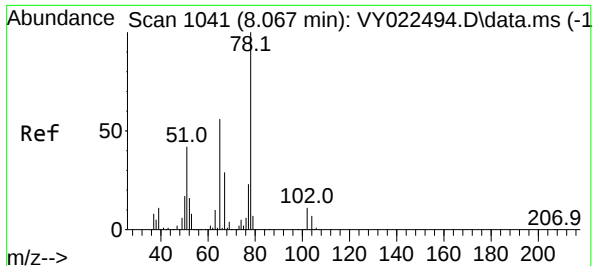
Tgt Ion:	84	Resp:	6041
Ion	Ratio	Lower	Upper
84	100		
49	105.2	101.9	152.9
51	32.4	29.8	44.8
86	49.0	51.3	76.9#



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion:	56	Resp:	4690
Ion	Ratio	Lower	Upper
56	100		
69	136.8	27.0	40.6#
84	126.4	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 48.373 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY022653.D

Acq: 11 Jun 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

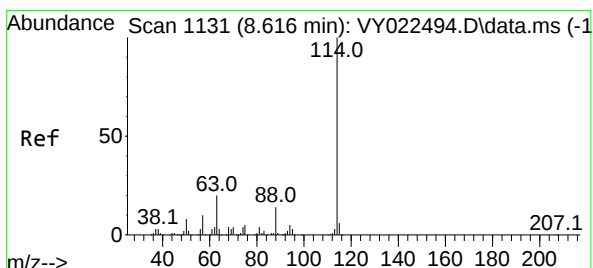
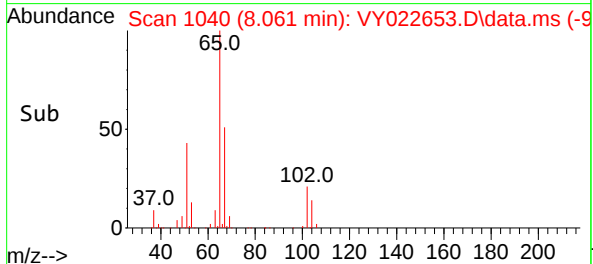
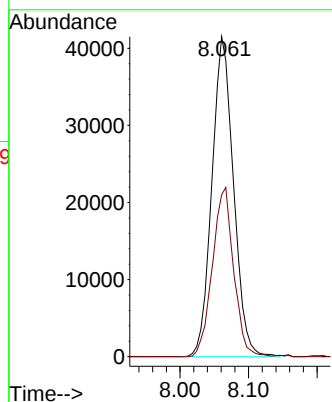
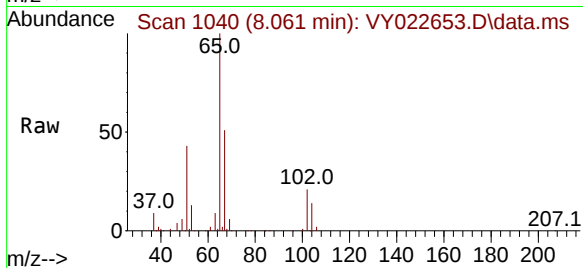
VY0611SBL01

Tgt Ion: 65 Resp: 90855

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022653.D

Acq: 11 Jun 2025 10:30

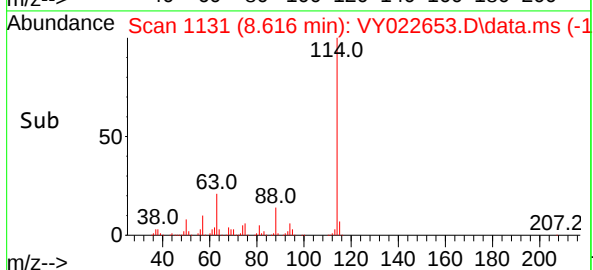
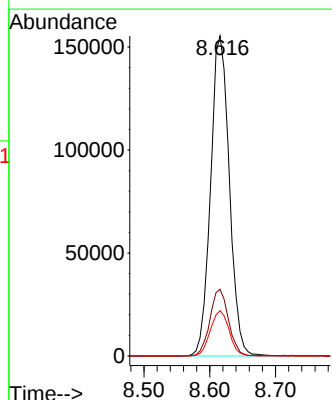
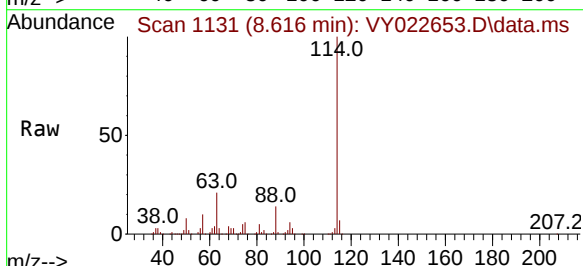
Tgt Ion:114 Resp: 308222

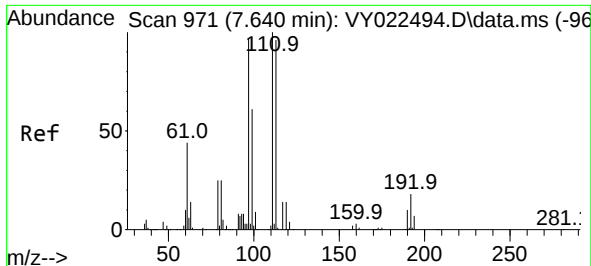
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 14.1 0.0 27.8

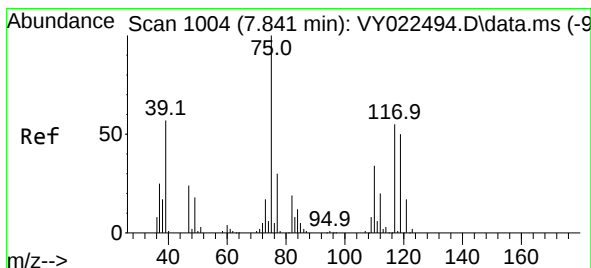
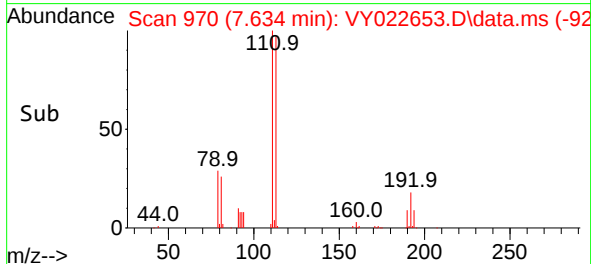
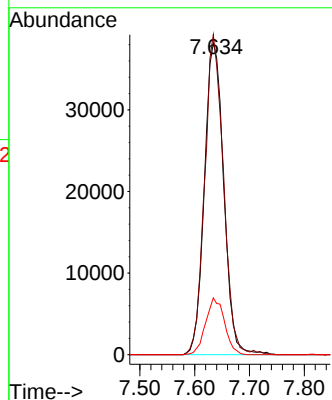
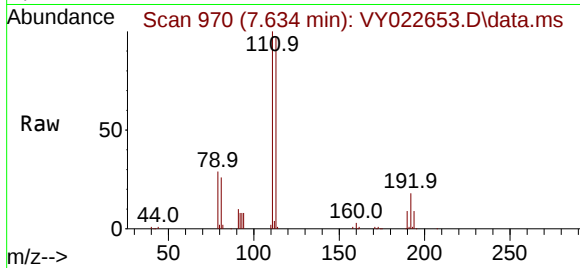




#35
Dibromofluoromethane
Concen: 50.619 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

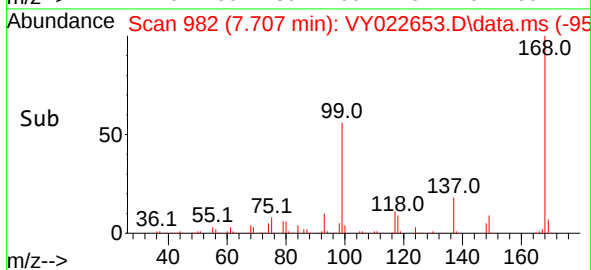
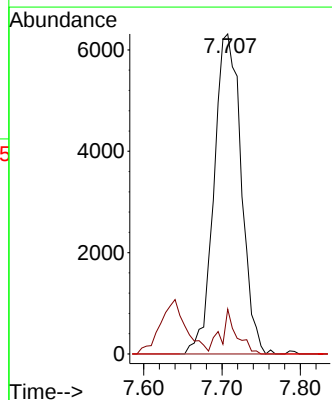
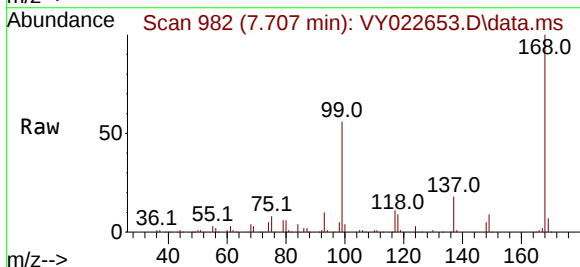
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

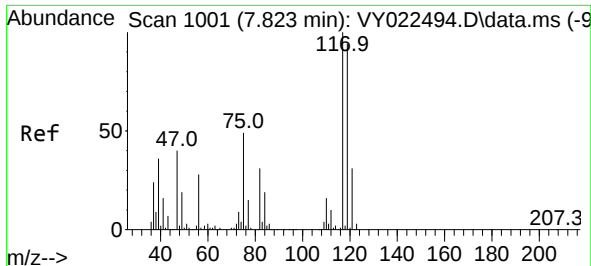
Tgt Ion:113 Resp: 93125
Ion Ratio Lower Upper
113 100
111 99.9 81.1 121.7
192 17.9 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.094 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion: 75 Resp: 15210
Ion Ratio Lower Upper
75 100
110 8.0 16.9 50.7#
77 0.0 24.8 37.2#

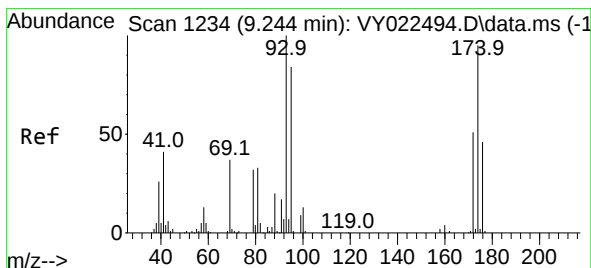
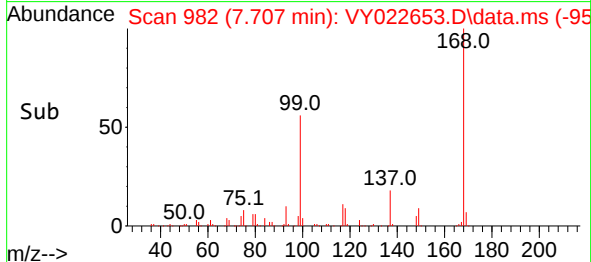
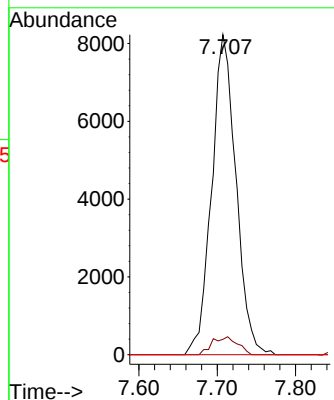
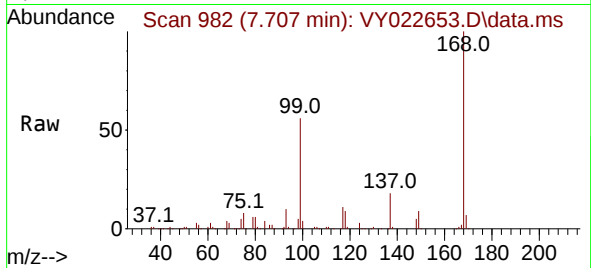




#38
Carbon Tetrachloride
Concen: 5.792 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

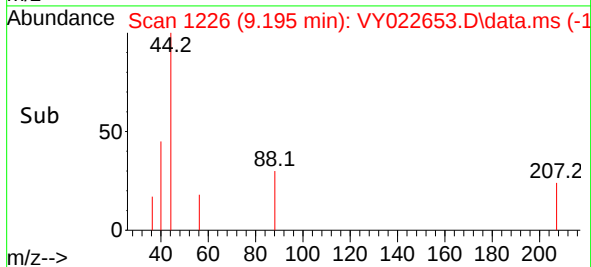
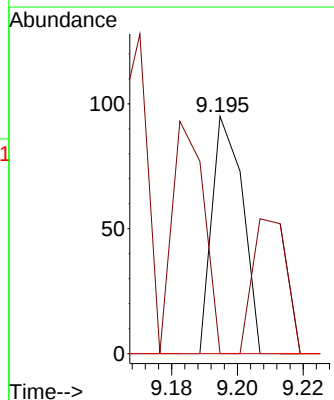
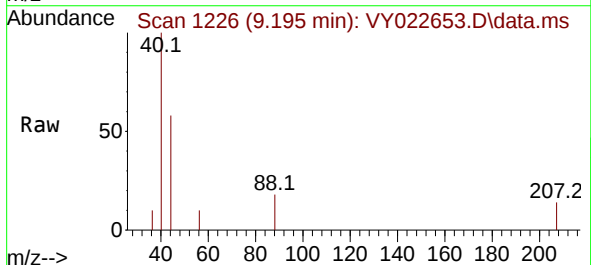
Instrument :
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ClientSampleId :
VY0611SBL01

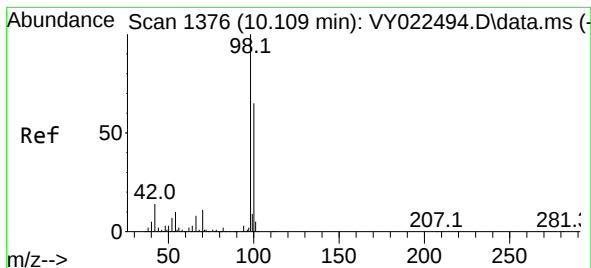
Tgt Ion:117 Resp: 17741
Ion Ratio Lower Upper
117 100
119 4.8 75.0 112.6#
121 0.0 25.0 37.4#



#49
1,4-Dioxane
Concen: 4.391 ug/l
RT: 9.195 min Scan# 1226
Delta R.T. -0.049 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 63.9 25.4 38.2#
58 0.0 54.9 82.3#

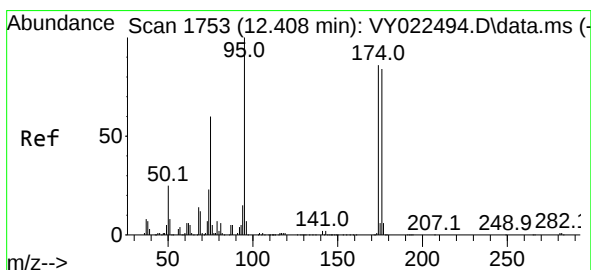
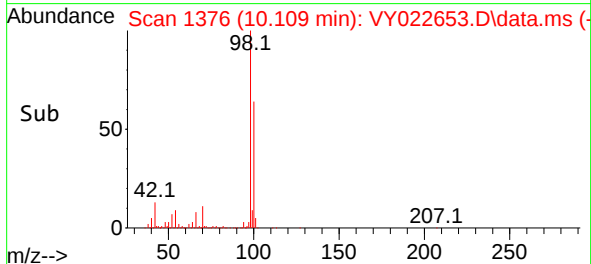
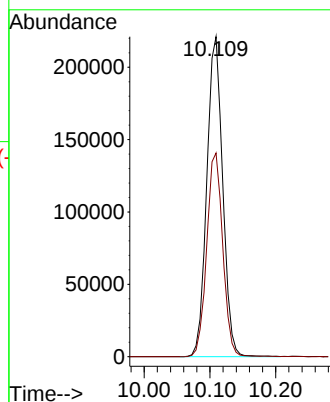
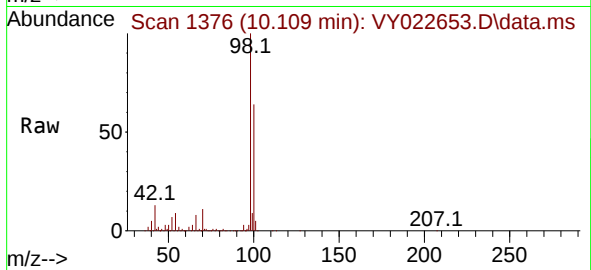




#50
Toluene-d8
Concen: 49.978 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

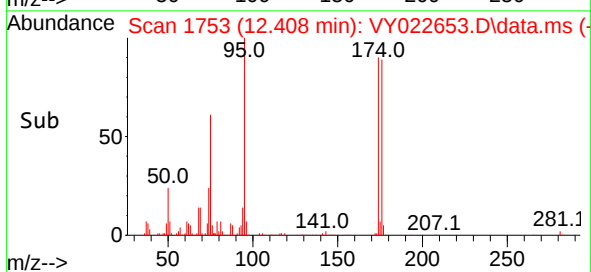
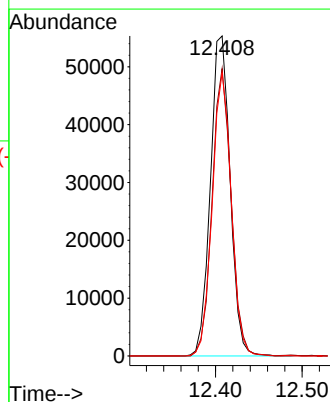
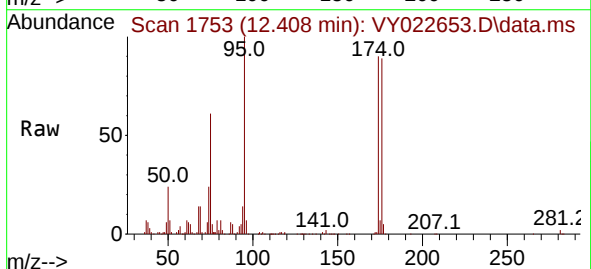
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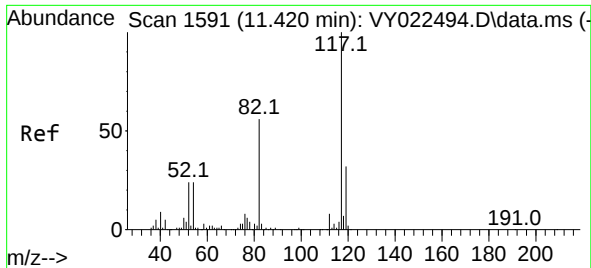
Tgt Ion: 98 Resp: 371516
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 39.582 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion: 95 Resp: 87668
Ion Ratio Lower Upper
95 100
174 86.5 0.0 170.0
176 85.4 0.0 166.2

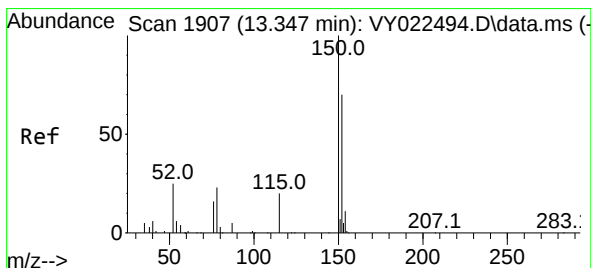
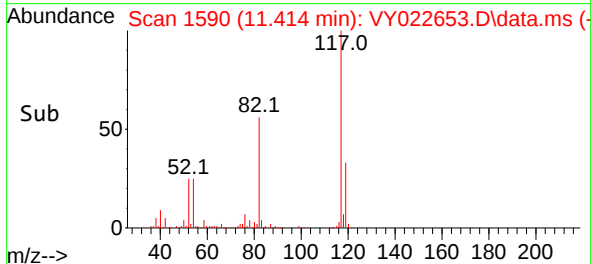
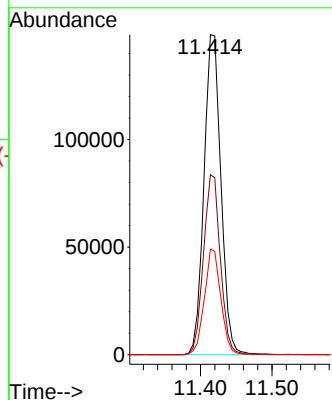
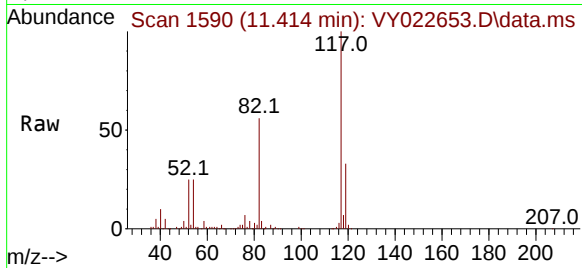




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

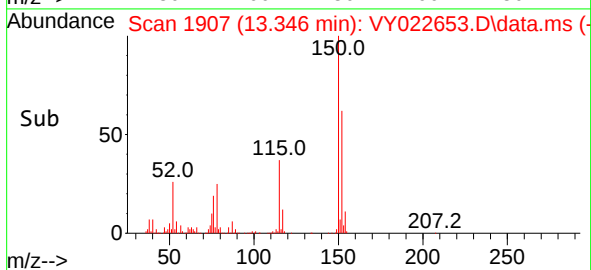
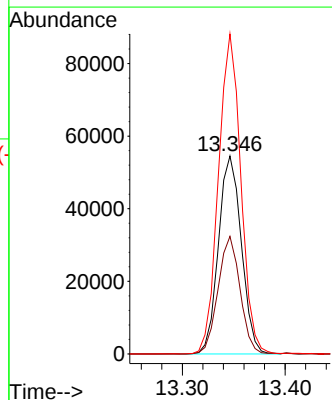
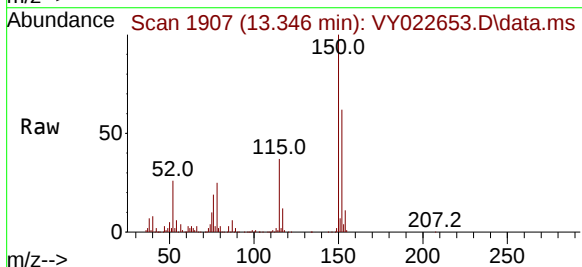
Instrument :
MSVOA_Y
ClientSampleId :
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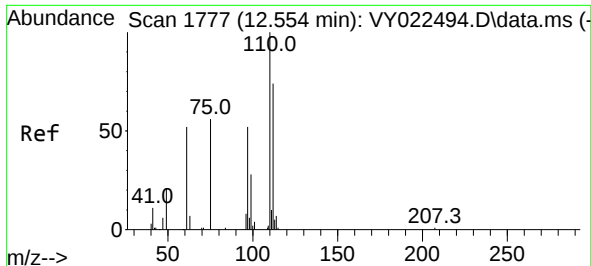
Tgt Ion:117 Resp: 245642
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion:152 Resp: 84338
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 158.2 0.0 349.6

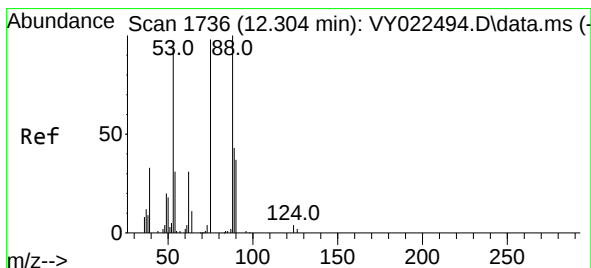
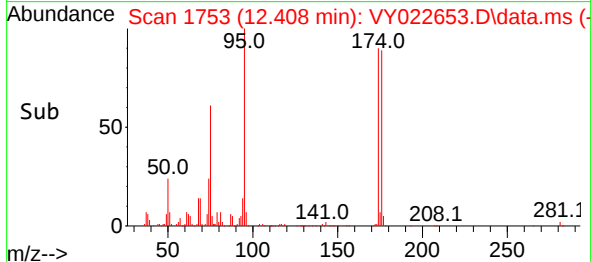
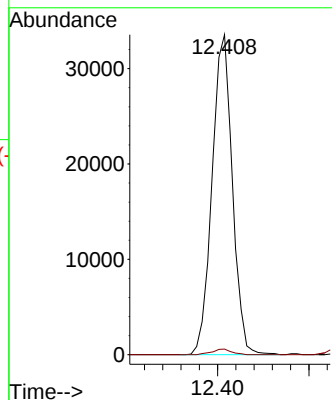
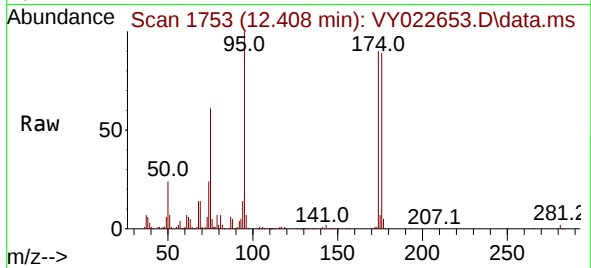




#76
1,2,3-Trichloropropane
Concen: 53.534 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Tgt Ion: 75 Resp: 51653
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.282 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion: 75 Resp: 51653
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.1 35.7 53.5#

