

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
 Data File : VY023394.D
 Acq On : 08 Oct 2025 09:23
 Operator : SY/MD
 Sample : VY1008SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008SBL01

Quant Time: Oct 09 03:06:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

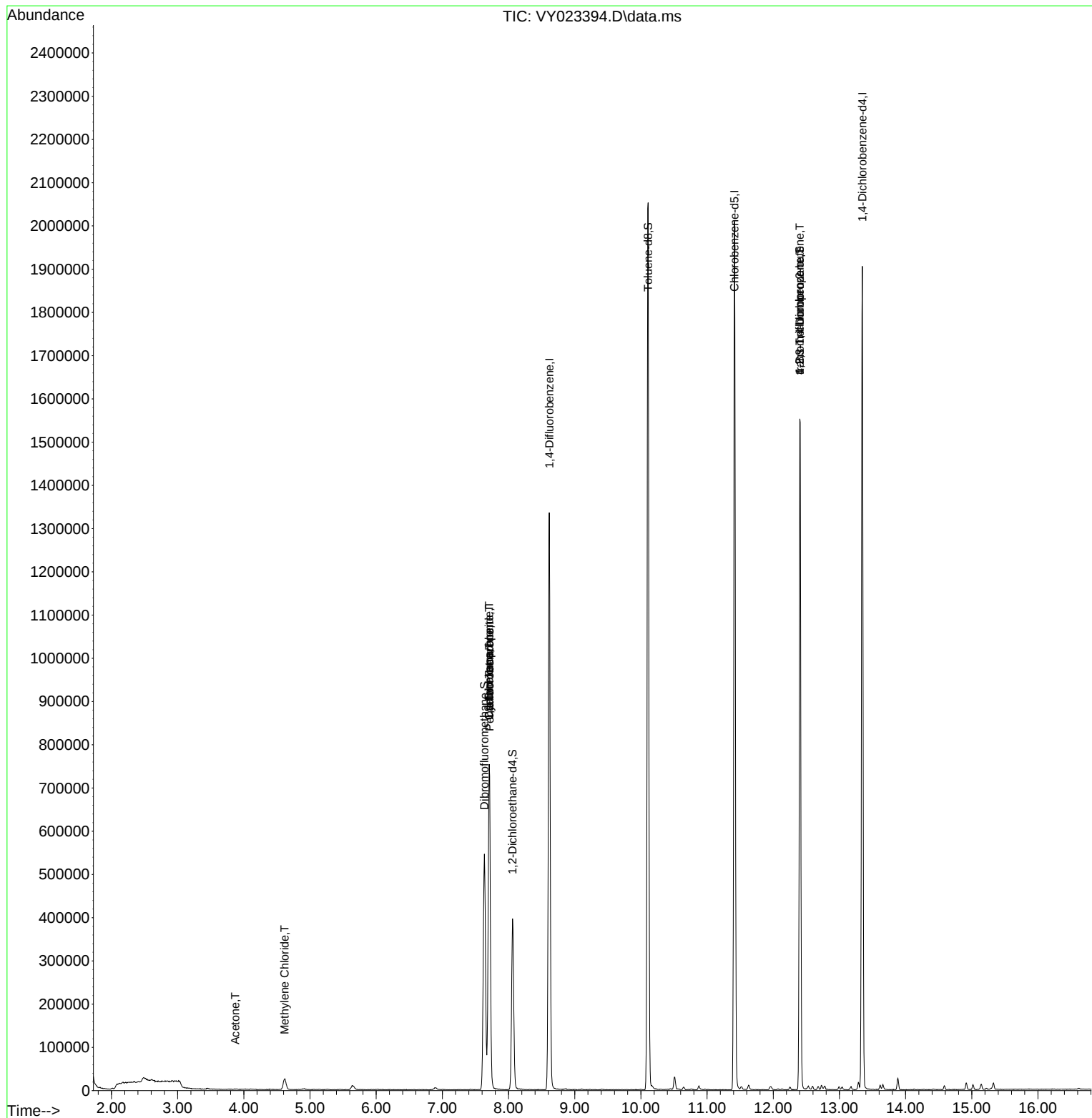
Internal Standards						
1) Pentafluorobenzene	7.713	168	638480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1199973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1137710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	526708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	305182	57.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.320%	
35) Dibromofluoromethane	7.634	113	390690	52.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.980%	
50) Toluene-d8	10.109	98	1381946	50.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	12.402	95	465524	51.351	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.700%	
Target Compounds						
						Qvalue
16) Acetone	3.873	43	1495	1.176	ug/l	93
20) Methylene Chloride	4.616	84	20605	2.998	ug/l	98
31) Cyclohexane	7.707	56	10862	1.223	ug/l #	5
36) 1,1-Dichloropropene	7.707	75	41960	4.299	ug/l #	48
38) Carbon Tetrachloride	7.707	117	57727	4.877	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	231154	49.743	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	231154	121.979	ug/l #	15

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

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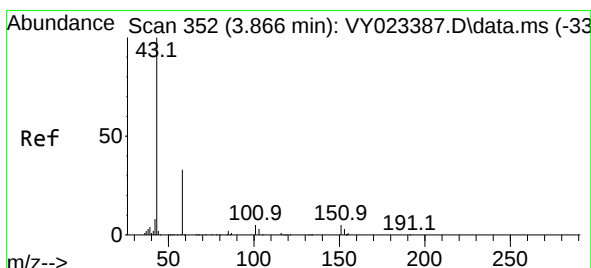
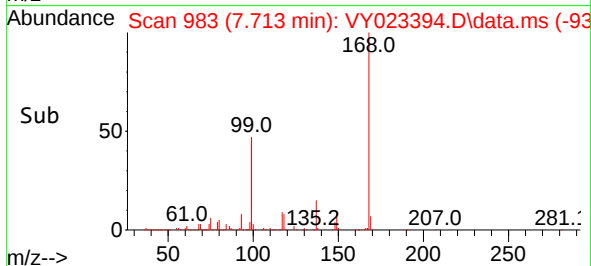
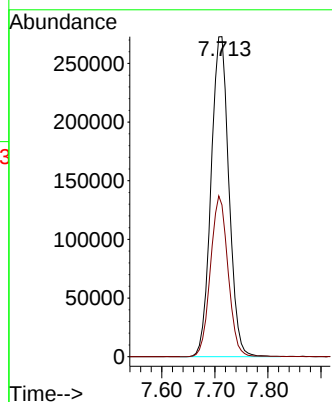
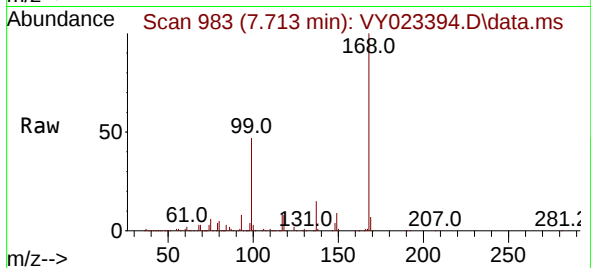




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023394.D
Acq: 08 Oct 2025 09:23

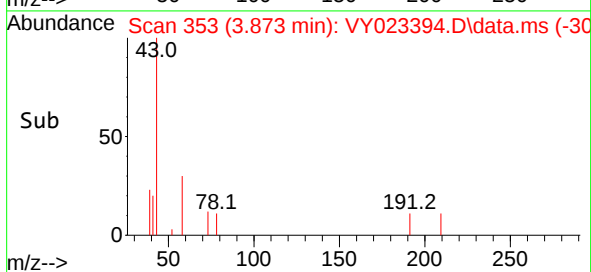
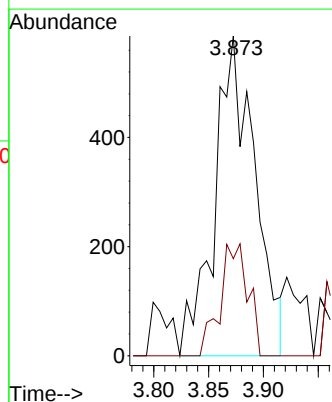
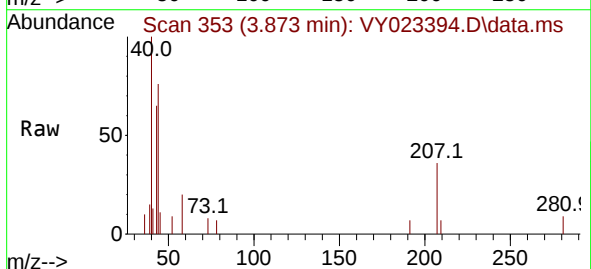
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBL01

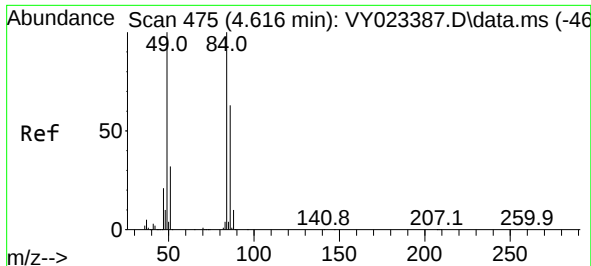
Tgt Ion:168 Resp: 638480
Ion Ratio Lower Upper
168 100
99 47.4 39.7 59.5



#16
Acetone
Concen: 1.176 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023394.D
Acq: 08 Oct 2025 09:23

Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 30.4 27.7 41.5

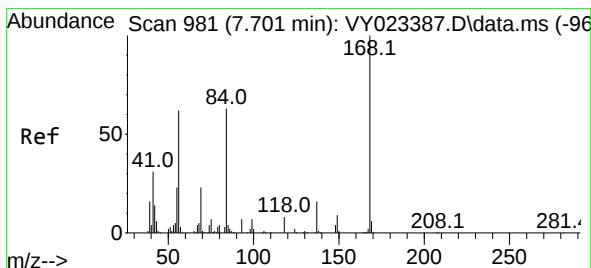
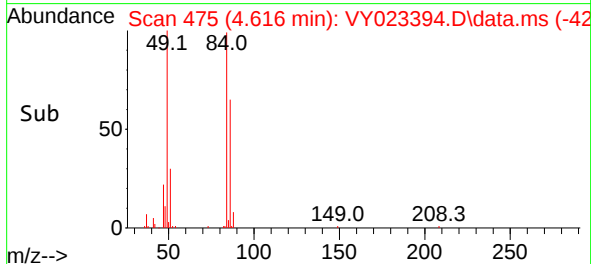
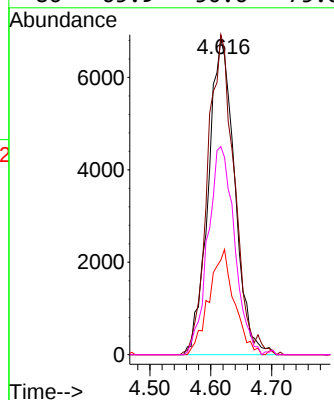
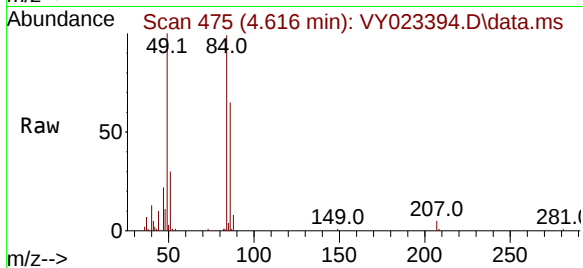




#20
Methylene Chloride
Concen: 2.998 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY023394.D
Acq: 08 Oct 2025 09:23

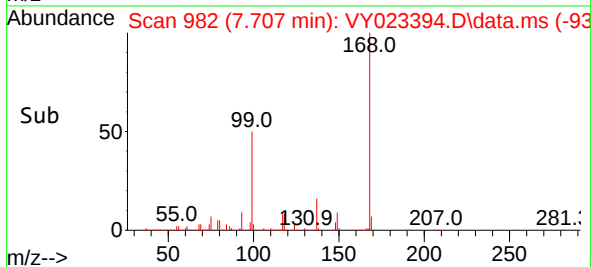
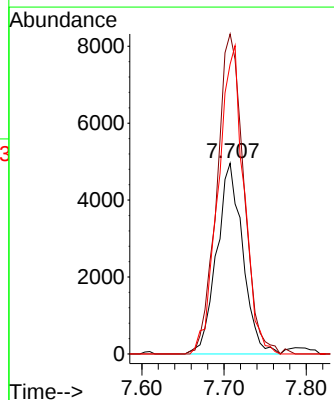
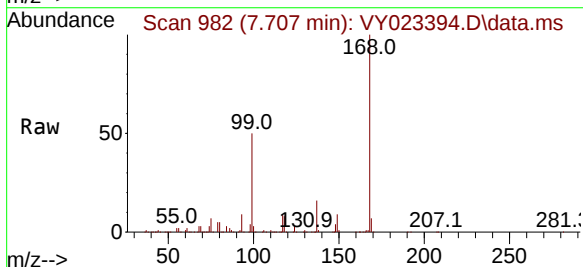
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBL01

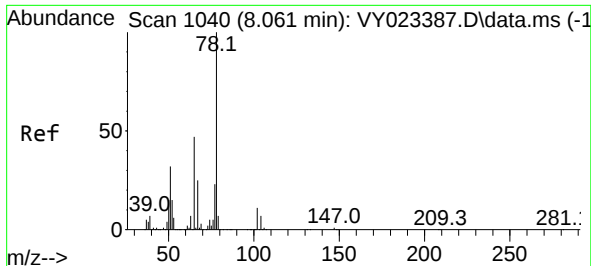
Tgt Ion:	84	Resp:	20605
Ion	Ratio	Lower	Upper
84	100		
49	101.3	80.2	120.4
51	30.0	25.9	38.9
86	65.9	50.6	75.8



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023394.D
Acq: 08 Oct 2025 09:23

Tgt Ion:	56	Resp:	10862
Ion	Ratio	Lower	Upper
56	100		
69	167.8	30.0	45.0#
84	152.0	81.2	121.8#





#33

1,2-Dichloroethane-d4

Concen: 57.160 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023394.D

Acq: 08 Oct 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

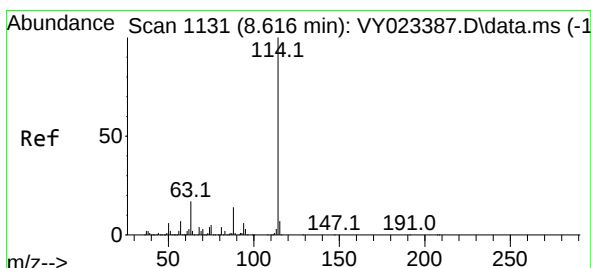
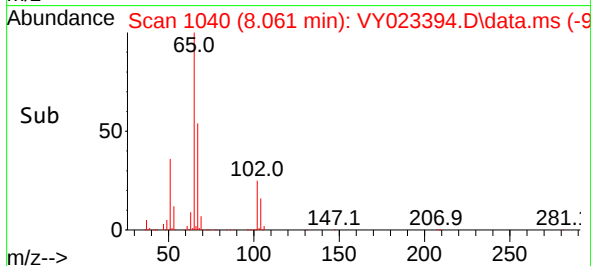
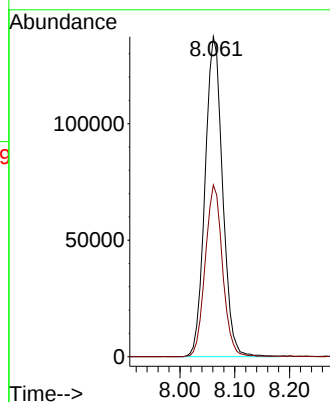
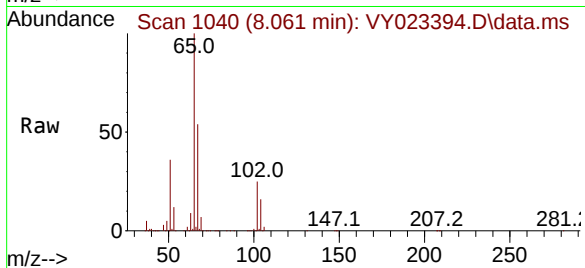
VY1008SBL01

Tgt Ion: 65 Resp: 305182

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023394.D

Acq: 08 Oct 2025 09:23

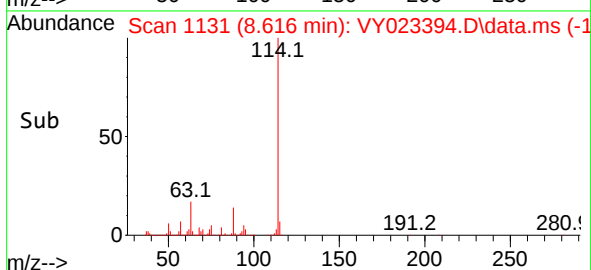
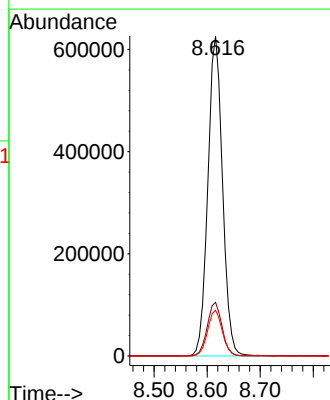
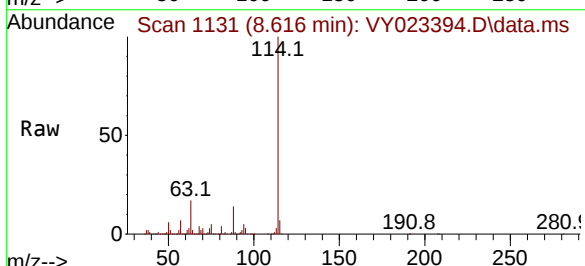
Tgt Ion: 114 Resp: 1199973

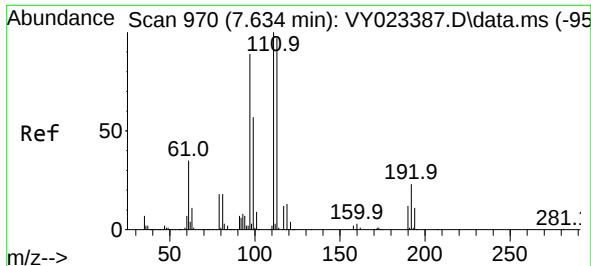
Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.2

88 14.3 0.0 28.4

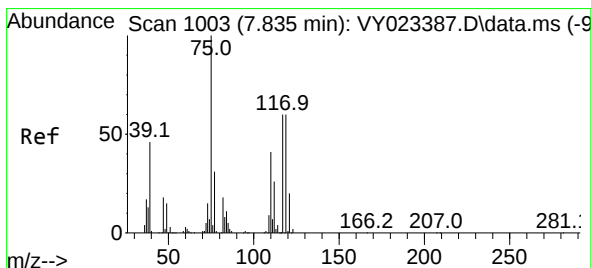
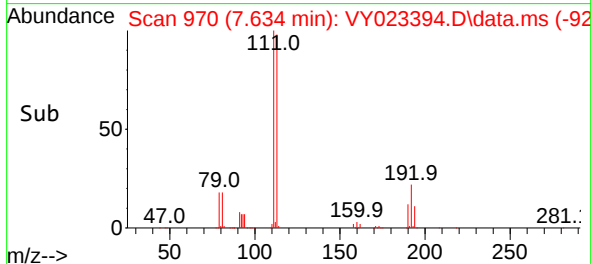
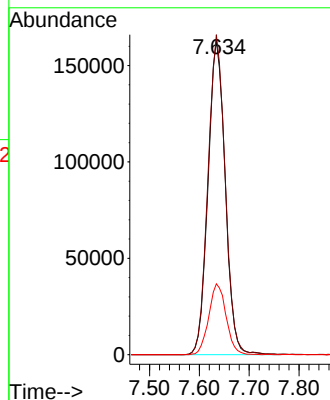
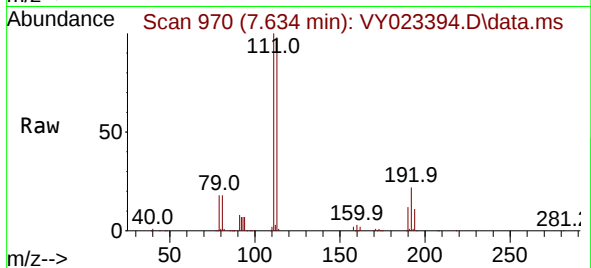




#35
Dibromofluoromethane
Concen: 52.987 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023394.D
Acq: 08 Oct 2025 09:23

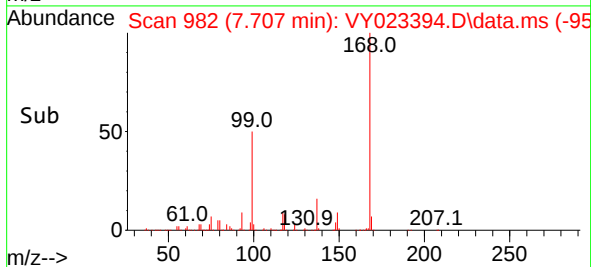
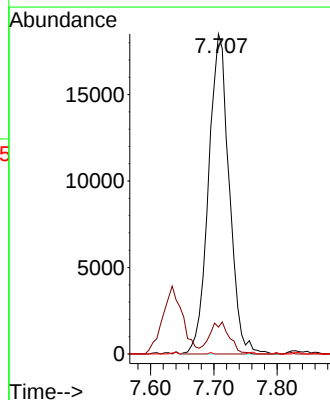
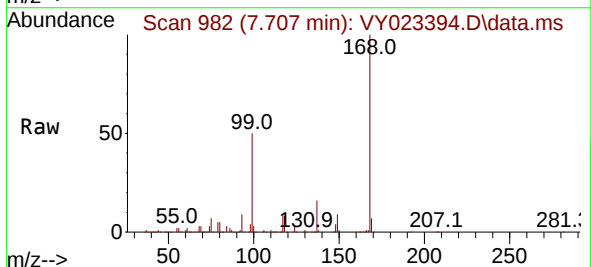
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBL01

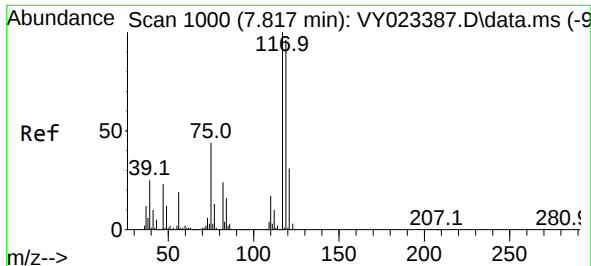
Tgt Ion:113 Resp: 390690
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 22.8 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.299 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY023394.D
Acq: 08 Oct 2025 09:23

Tgt Ion: 75 Resp: 41960
Ion Ratio Lower Upper
75 100
110 9.7 19.9 59.7#
77 0.1 25.0 37.6#

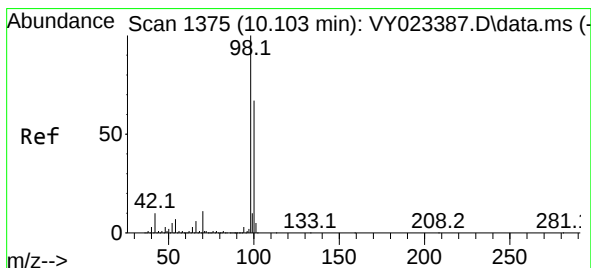
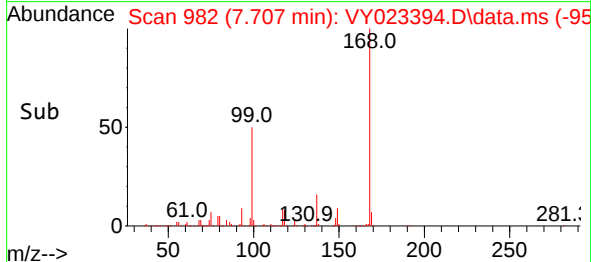
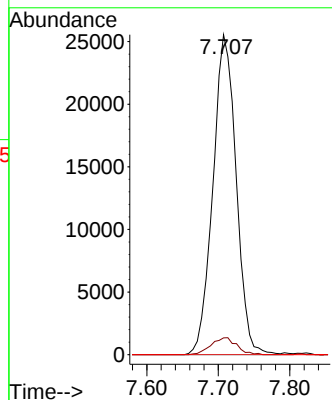
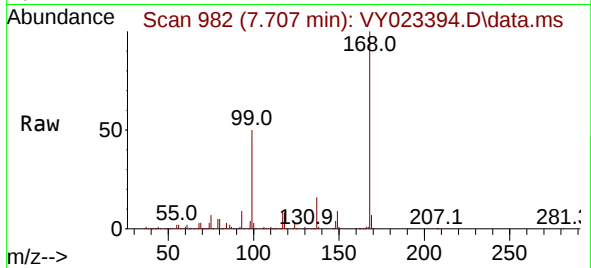




#38
Carbon Tetrachloride
Concen: 4.877 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY023394.D
Acq: 08 Oct 2025 09:23

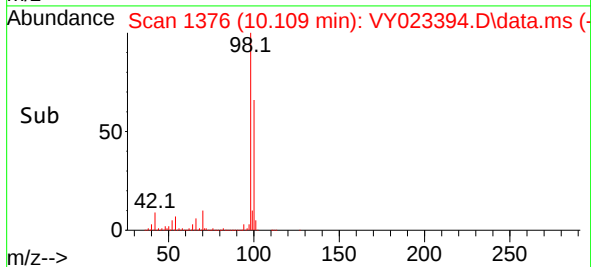
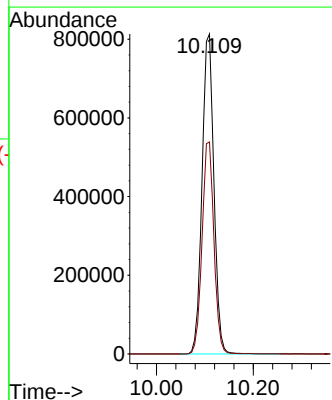
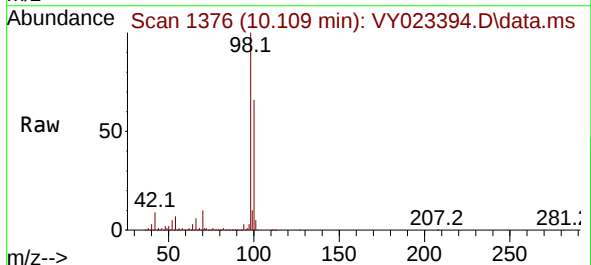
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBL01

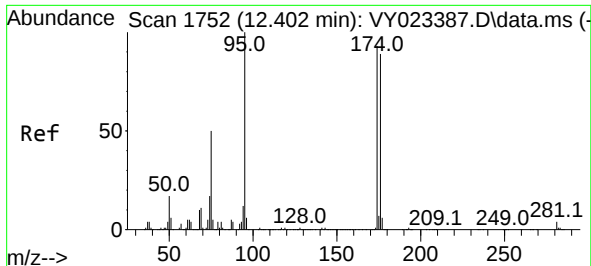
Tgt Ion:117 Resp: 57727
Ion Ratio Lower Upper
117 100
119 5.2 76.8 115.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.328 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023394.D
Acq: 08 Oct 2025 09:23

Tgt Ion: 98 Resp: 1381946
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

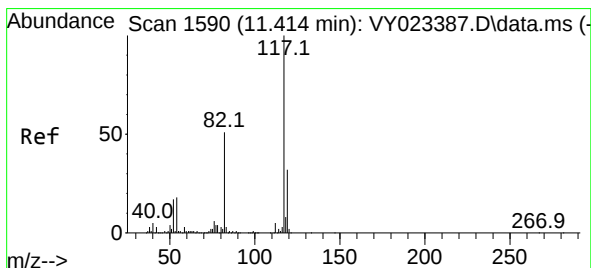
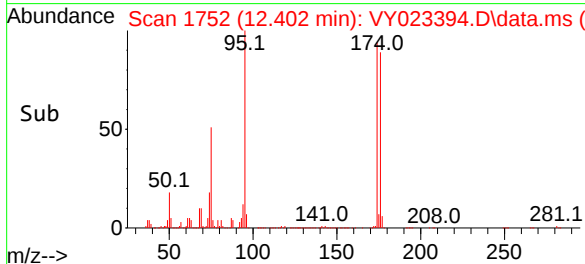
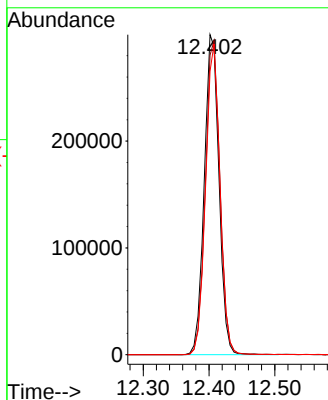
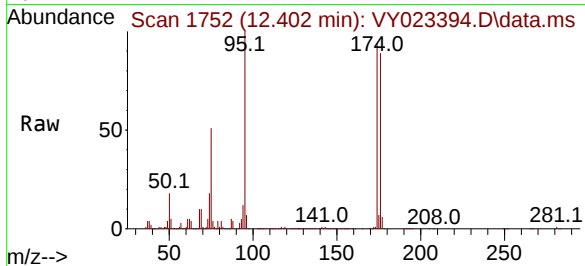




#62
4-Bromofluorobenzene
Concen: 51.351 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023394.D
Acq: 08 Oct 2025 09:23

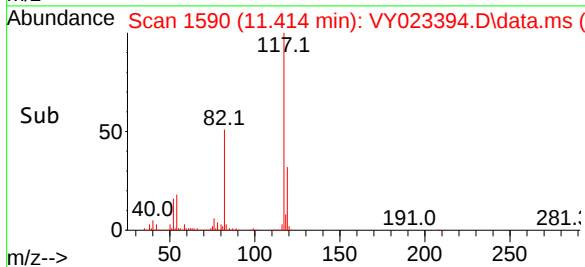
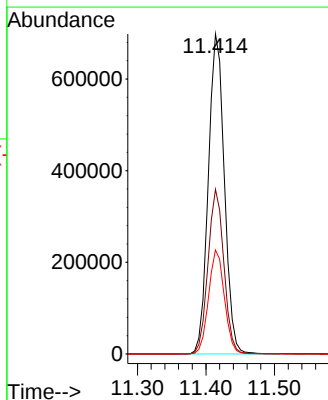
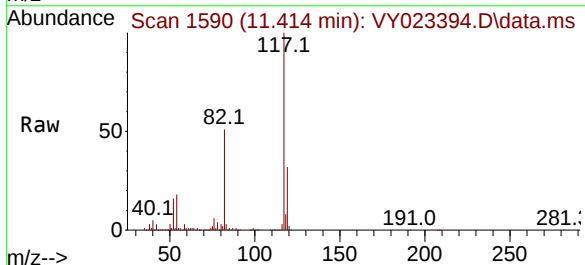
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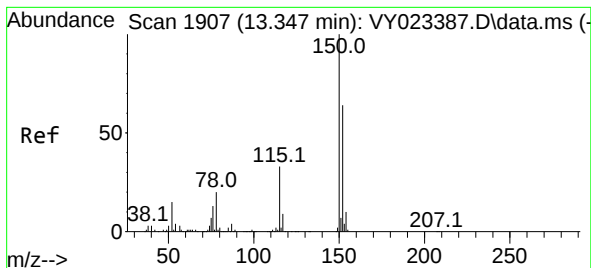
Tgt Ion: 95 Resp: 465524
Ion Ratio Lower Upper
95 100
174 97.6 0.0 192.8
176 94.9 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY023394.D
Acq: 08 Oct 2025 09:23

Tgt Ion: 117 Resp: 1137710
Ion Ratio Lower Upper
117 100
82 51.4 41.0 61.4
119 32.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023394.D

Acq: 08 Oct 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBL01

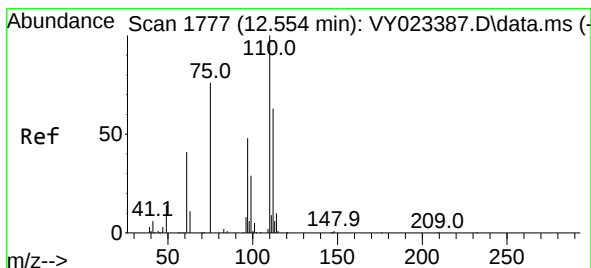
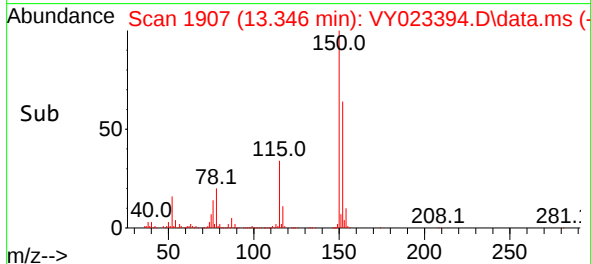
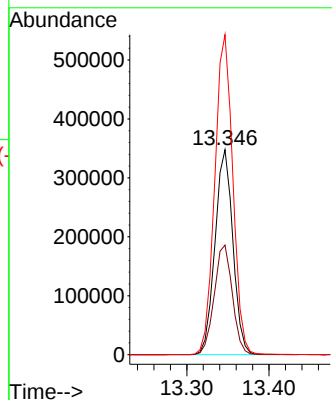
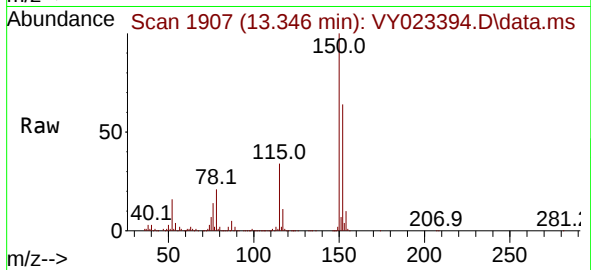
Tgt Ion:152 Resp: 526708

Ion Ratio Lower Upper

152 100

115 54.2 27.1 81.2

150 157.1 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 49.743 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY023394.D

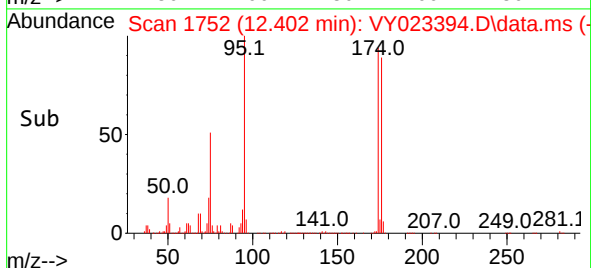
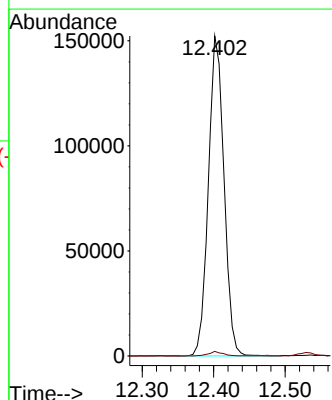
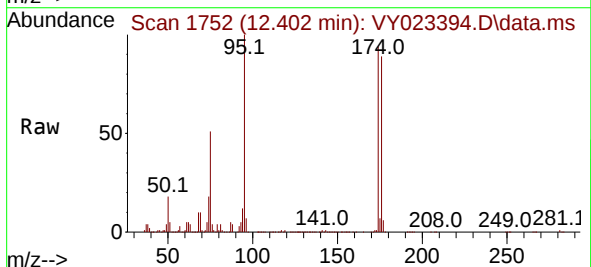
Acq: 08 Oct 2025 09:23

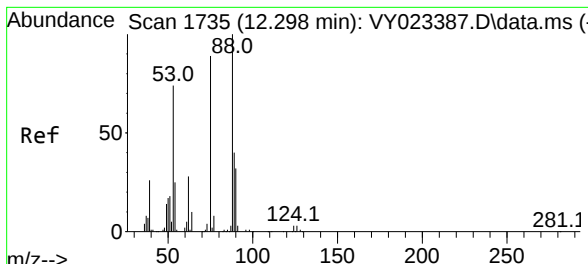
Tgt Ion: 75 Resp: 231154

Ion Ratio Lower Upper

75 100

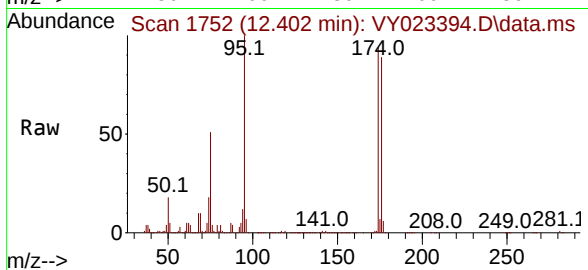
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 121.979 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY023394.D
Acq: 08 Oct 2025 09:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBL01



Tgt Ion: 75 Resp: 231154
Ion Ratio Lower Upper
75 100
53 0.2 68.6 102.8#
89 0.0 39.0 58.4#

