

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090925\
 Data File : VY023313.D
 Acq On : 09 Sep 2025 09:20
 Operator : SY/MD
 Sample : VY0909SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBL01

Quant Time: Sep 10 01:49:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

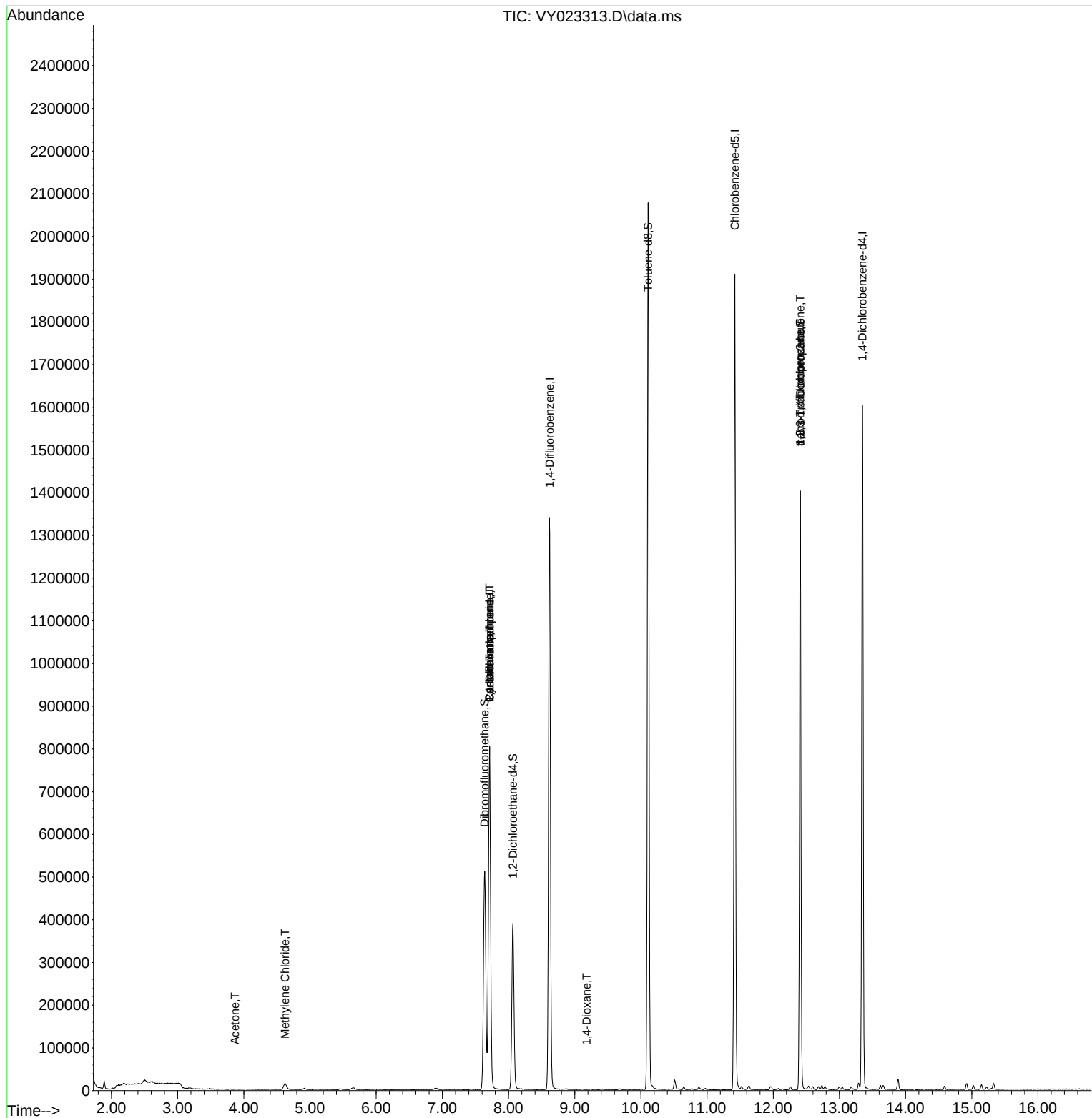
Internal Standards						
1) Pentafluorobenzene	7.713	168	652340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1208657	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.420	117	1063159	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	422869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	306108	53.401	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.800%	
35) Dibromofluoromethane	7.640	113	383214	51.869	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.740%	
50) Toluene-d8	10.109	98	1407122	50.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	12.408	95	410394	46.745	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.500%	
Target Compounds						Qvalue
16) Acetone	3.866	43	1441	1.104	ug/l	94
20) Methylene Chloride	4.622	84	10878	1.557	ug/l	97
31) Cyclohexane	7.713	56	11778	1.174	ug/l #	7
36) 1,1-Dichloropropene	7.713	75	44975	4.274	ug/l #	50
38) Carbon Tetrachloride	7.713	117	60824	5.023	ug/l #	17
49) 1,4-Dioxane	9.183	88	46	1.007	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	201827	47.130	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	201827	128.528	ug/l #	14

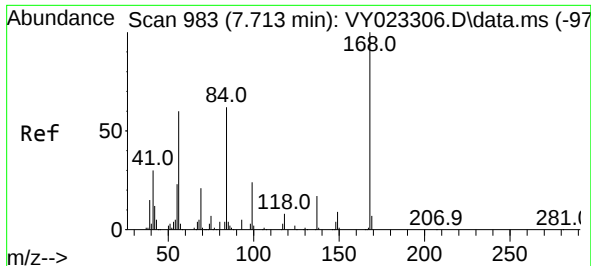
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090925\
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QLast Update : Wed Sep 10 01:44:33 2025
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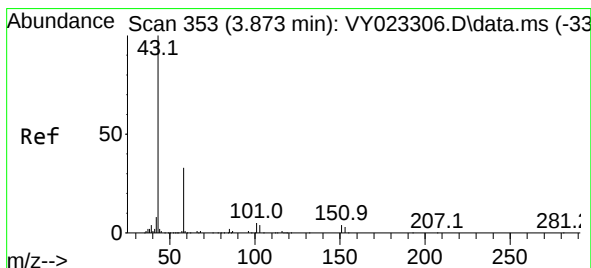
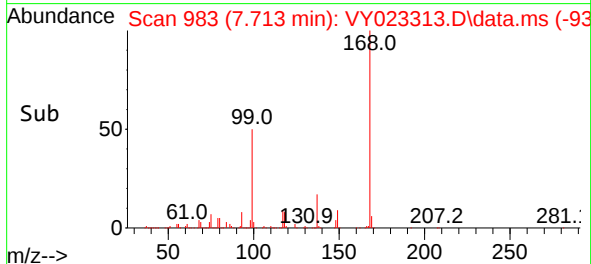
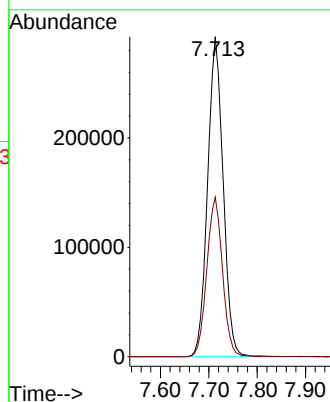
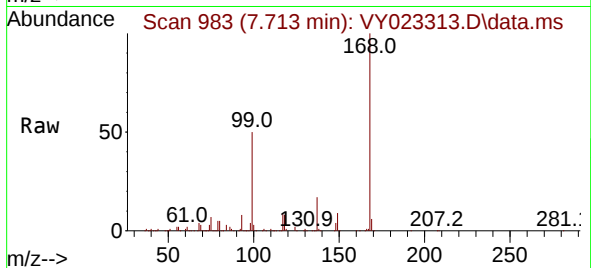




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023313.D
Acq: 09 Sep 2025 09:20

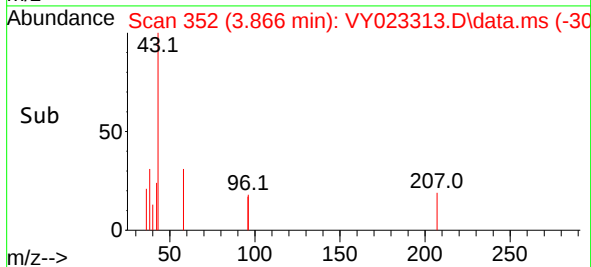
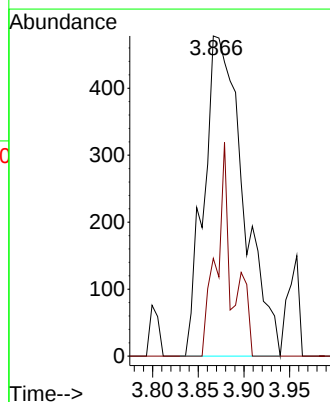
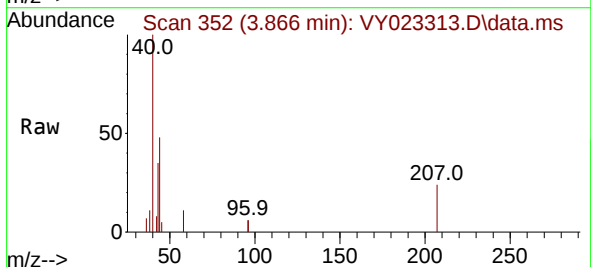
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

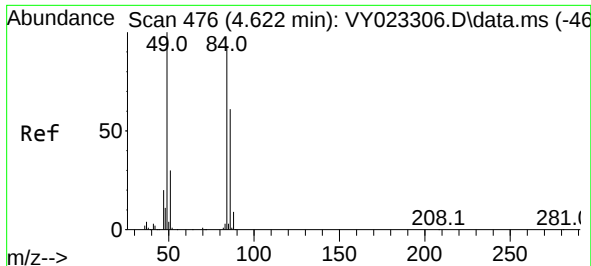
Tgt Ion:168 Resp: 652340
Ion Ratio Lower Upper
168 100
99 49.9 42.8 64.2



#16
Acetone
Concen: 1.104 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023313.D
Acq: 09 Sep 2025 09:20

Tgt Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
58 30.5 27.1 40.7

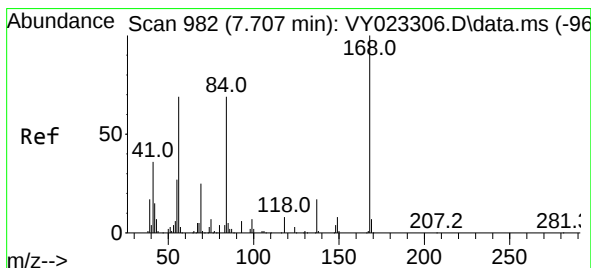
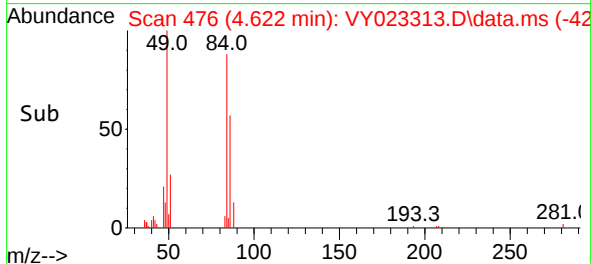
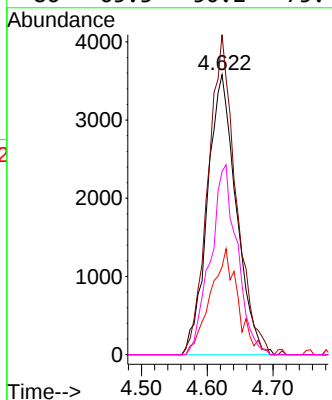
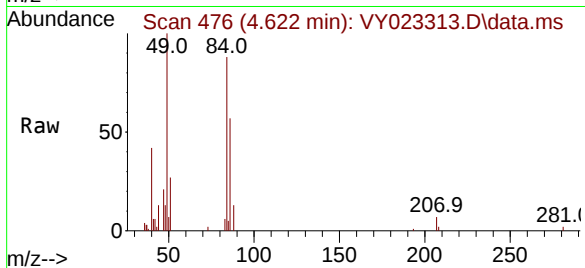




#20
Methylene Chloride
Concen: 1.557 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY023313.D
Acq: 09 Sep 2025 09:20

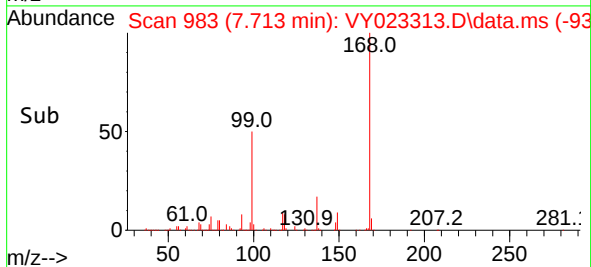
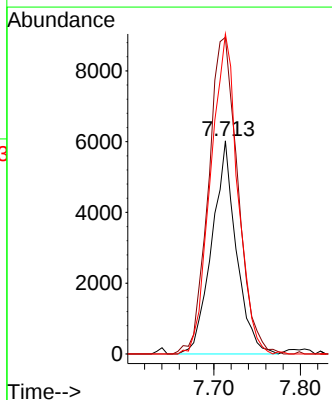
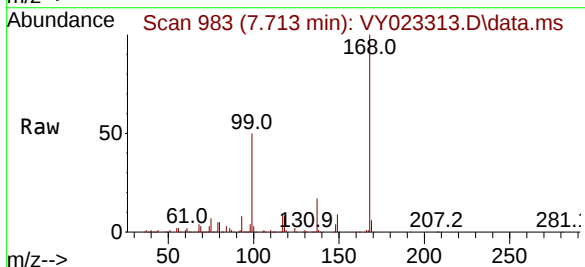
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

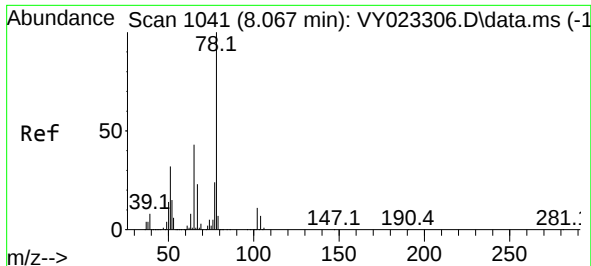
Tgt Ion:	84	Resp:	10878
Ion	Ratio	Lower	Upper
84	100		
49	114.3	93.0	139.6
51	31.3	29.0	43.4
86	65.3	50.2	75.4



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.018 min
Lab File: VY023313.D
Acq: 09 Sep 2025 09:20

Tgt Ion:	56	Resp:	11778
Ion	Ratio	Lower	Upper
56	100		
69	147.4	28.2	42.2#
84	150.1	76.6	114.8#





#33

1,2-Dichloroethane-d4

Concen: 53.401 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY023313.D

Acq: 09 Sep 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

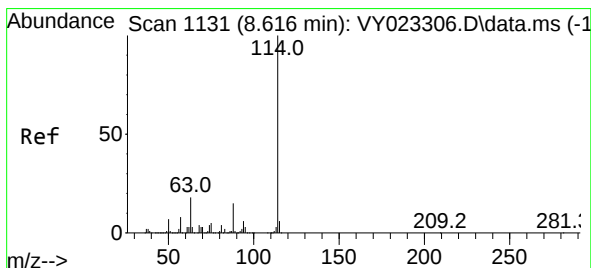
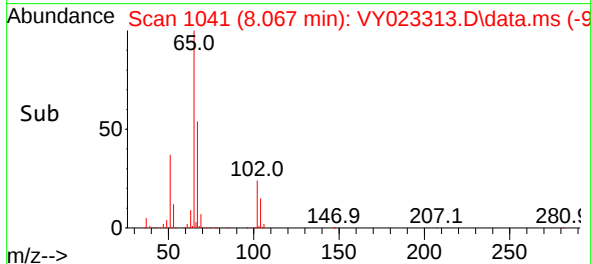
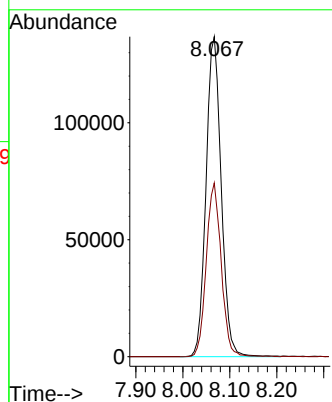
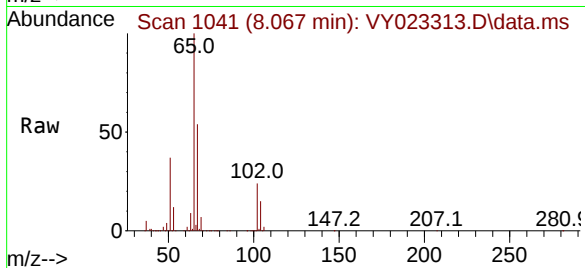
VY0909SBL01

Tgt Ion: 65 Resp: 306108

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.012 min

Lab File: VY023313.D

Acq: 09 Sep 2025 09:20

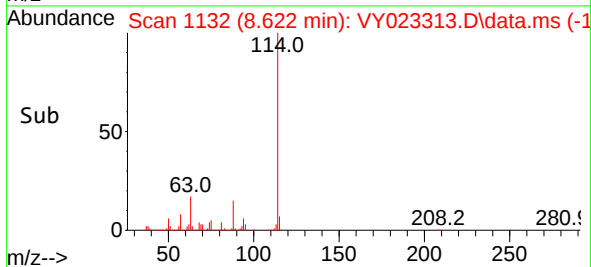
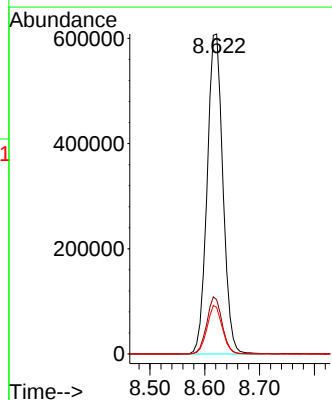
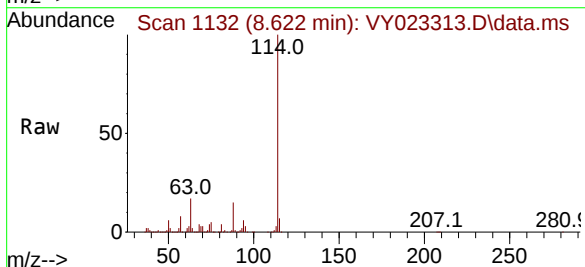
Tgt Ion:114 Resp: 1208657

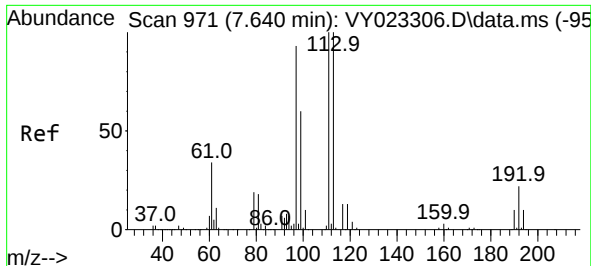
Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.4

88 14.5 0.0 30.0

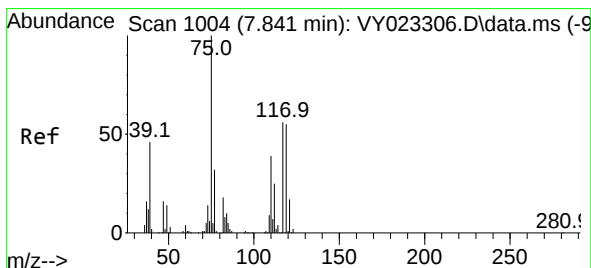
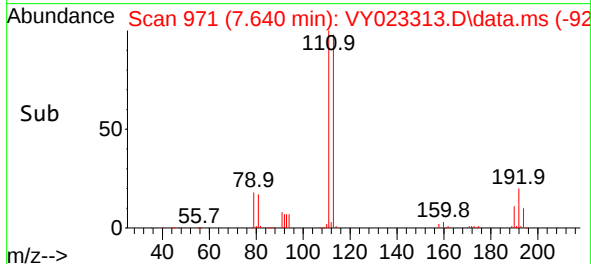
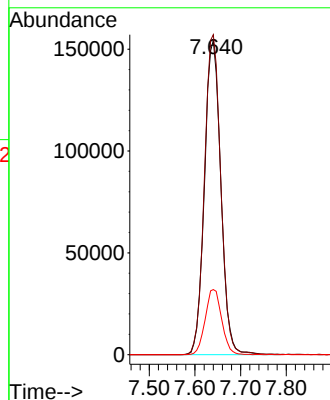
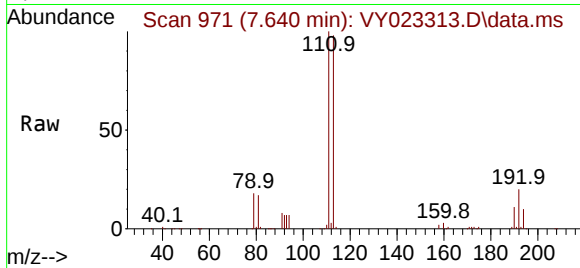




#35
Dibromofluoromethane
Concen: 51.869 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023313.D
Acq: 09 Sep 2025 09:20

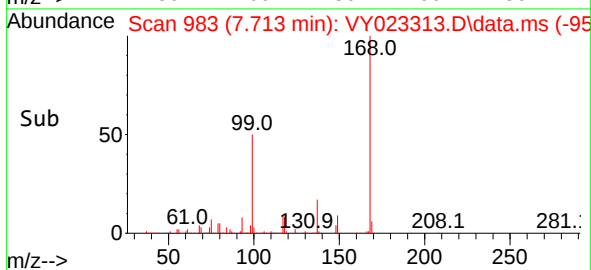
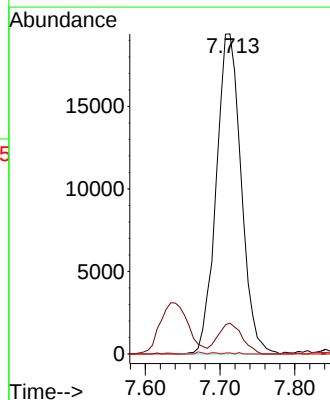
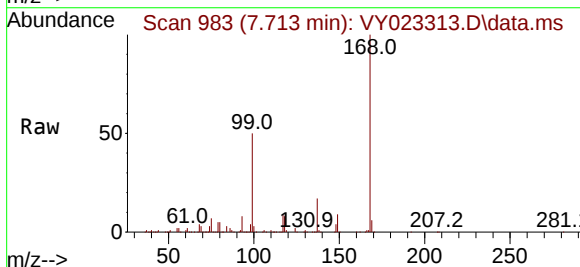
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

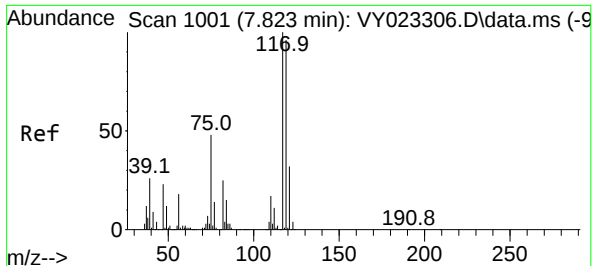
Tgt Ion:113 Resp: 383214
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 20.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.274 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY023313.D
Acq: 09 Sep 2025 09:20

Tgt Ion: 75 Resp: 44975
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.1 24.6 37.0#

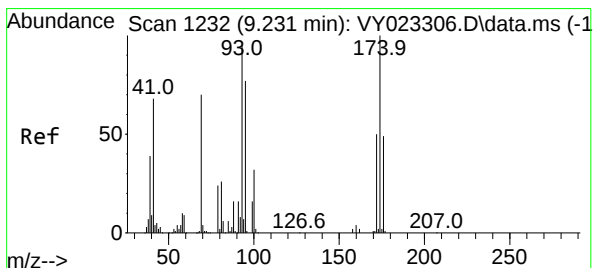
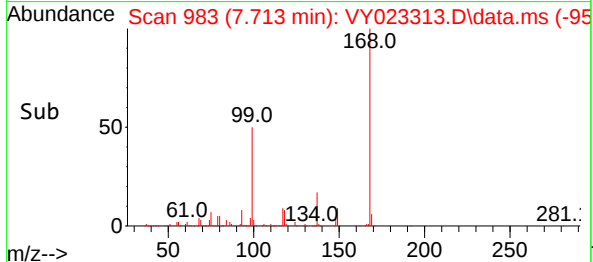
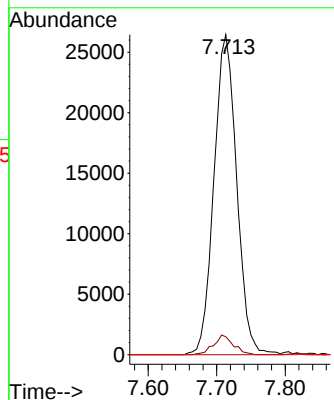
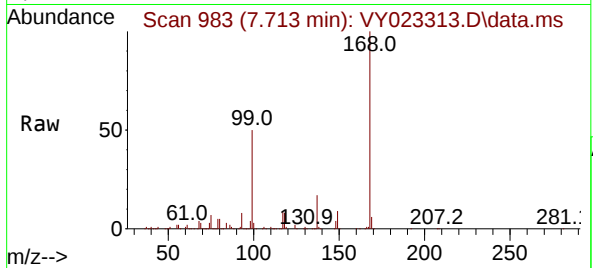




#38
Carbon Tetrachloride
Concen: 5.023 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY023313.D
Acq: 09 Sep 2025 09:20

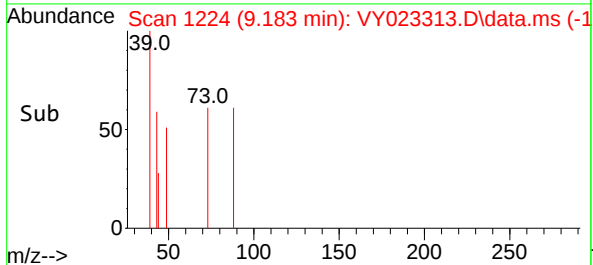
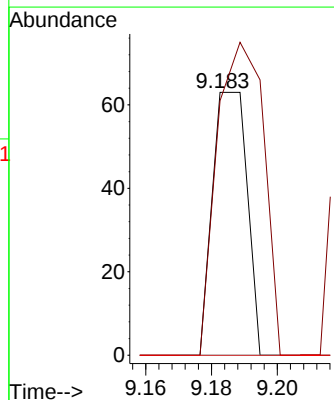
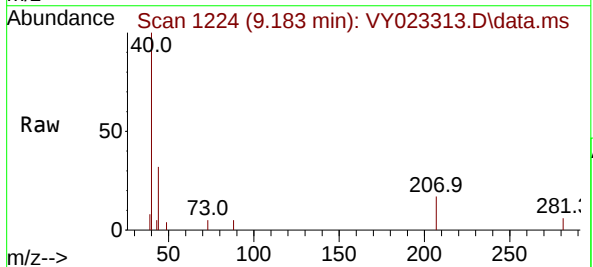
Instrument :
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ClientSampleId :
VY0909SBL01

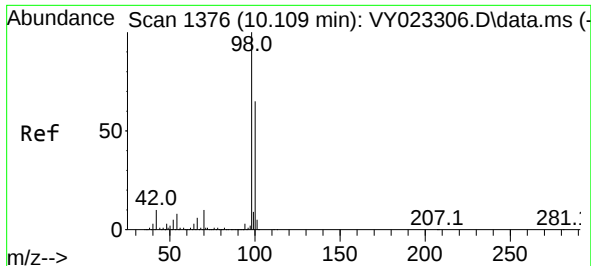
Tgt Ion: 117 Resp: 60824
Ion Ratio Lower Upper
117 100
119 5.6 75.6 113.4#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 1.007 ug/l
RT: 9.183 min Scan# 1224
Delta R.T. -0.043 min
Lab File: VY023313.D
Acq: 09 Sep 2025 09:20

Tgt Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
43 160.9 24.3 36.5#
58 0.0 55.4 83.0#

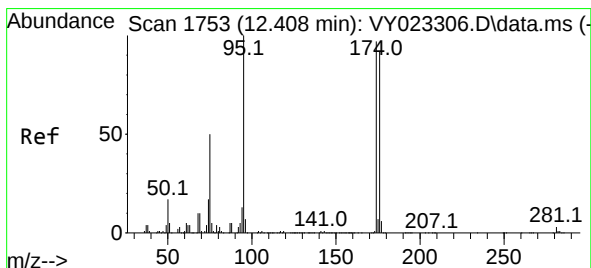
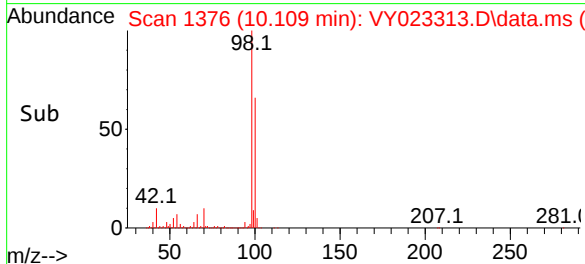
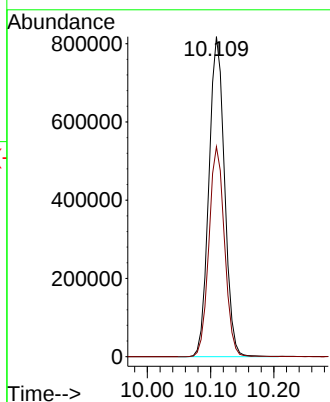
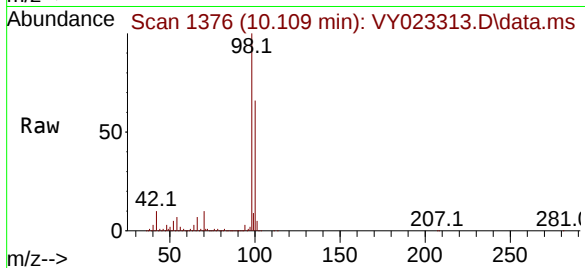




#50
Toluene-d8
Concen: 50.438 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023313.D
Acq: 09 Sep 2025 09:20

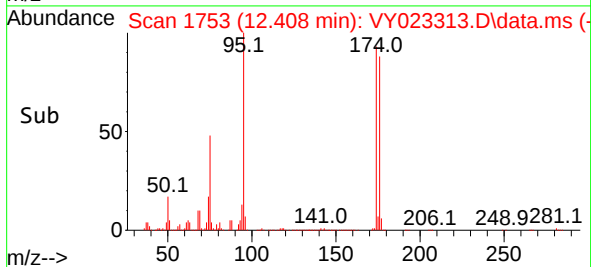
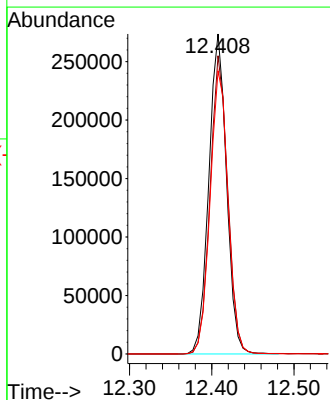
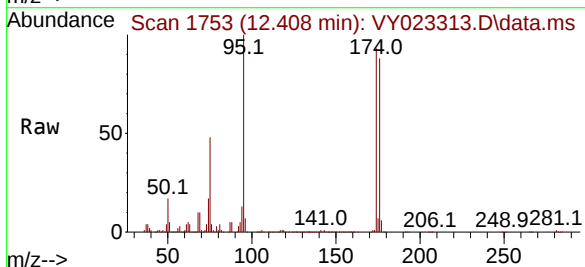
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

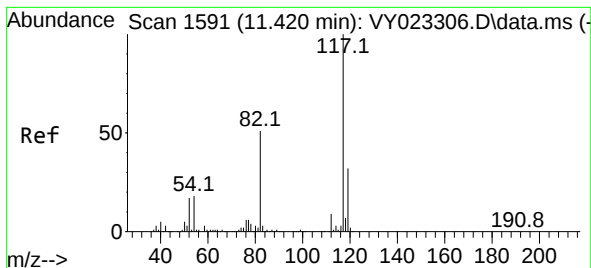
Tgt Ion: 98 Resp: 1407122
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.745 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023313.D
Acq: 09 Sep 2025 09:20

Tgt Ion: 95 Resp: 410394
Ion Ratio Lower Upper
95 100
174 92.9 0.0 171.6
176 89.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023313.D

Acq: 09 Sep 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBL01

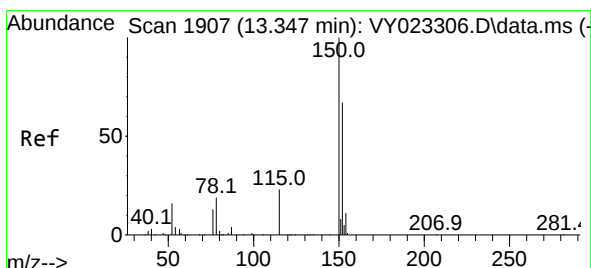
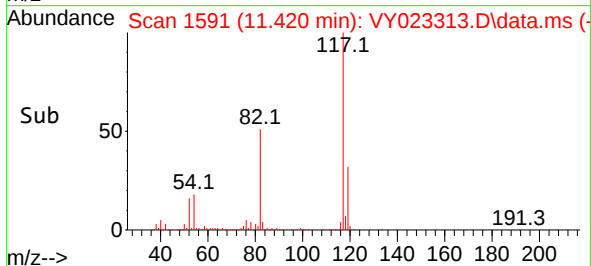
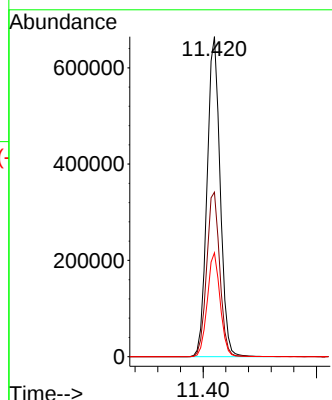
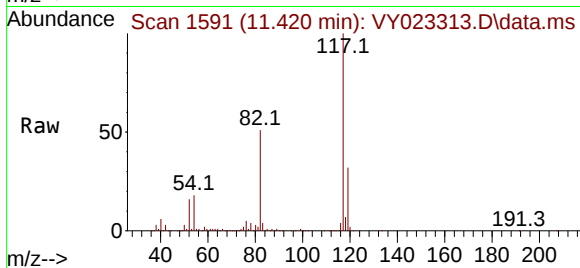
Tgt Ion:117 Resp: 1063159

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

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. 0.006 min

Lab File: VY023313.D

Acq: 09 Sep 2025 09:20

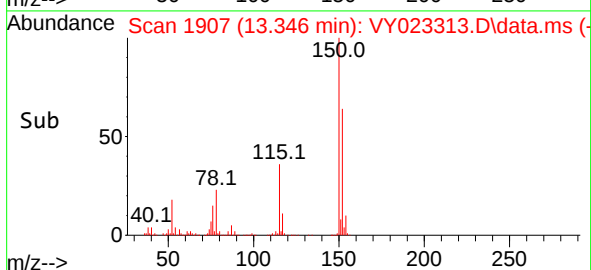
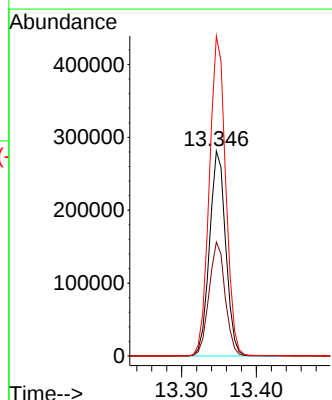
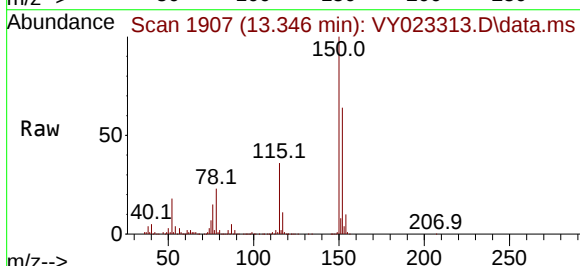
Tgt Ion:152 Resp: 422869

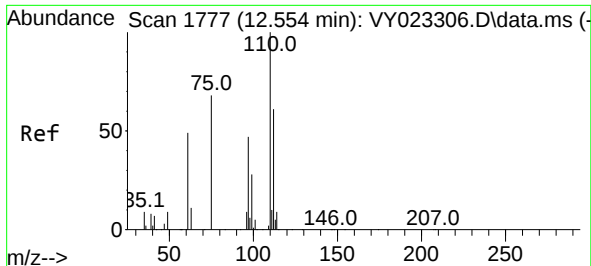
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.6

150 157.8 0.0 348.0

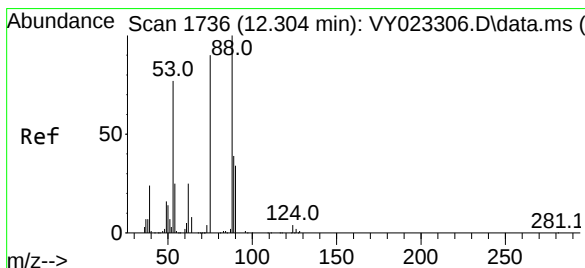
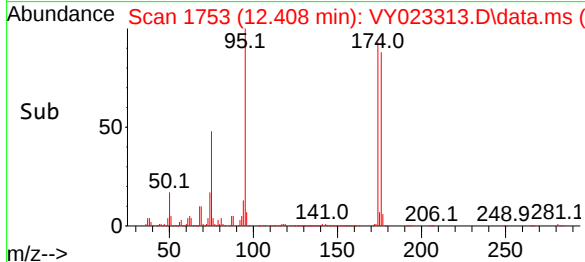
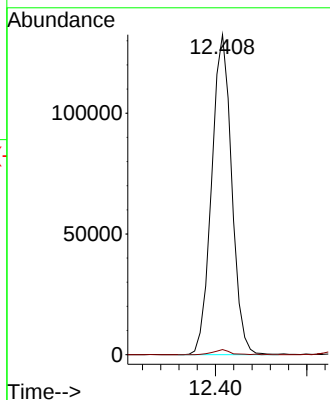
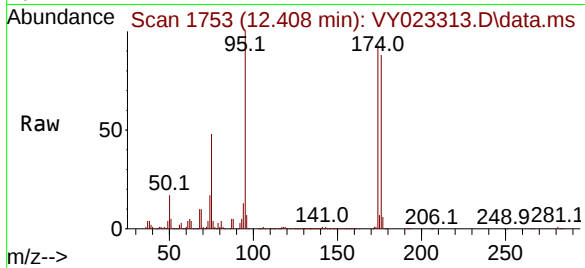




#76
1,2,3-Trichloropropane
Concen: 47.130 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.140 min
Lab File: VY023313.D
Acq: 09 Sep 2025 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

Tgt Ion: 75 Resp: 201827
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.528 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY023313.D
Acq: 09 Sep 2025 09:20

Tgt Ion: 75 Resp: 201827
Ion Ratio Lower Upper
75 100
53 0.1 70.8 106.2#
89 0.0 38.1 57.1#

