

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023850.D
 Acq On : 02 Dec 2025 10:24
 Operator : SY/MD
 Sample : VY1202SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1202SBL01

Quant Time: Dec 03 00:59:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

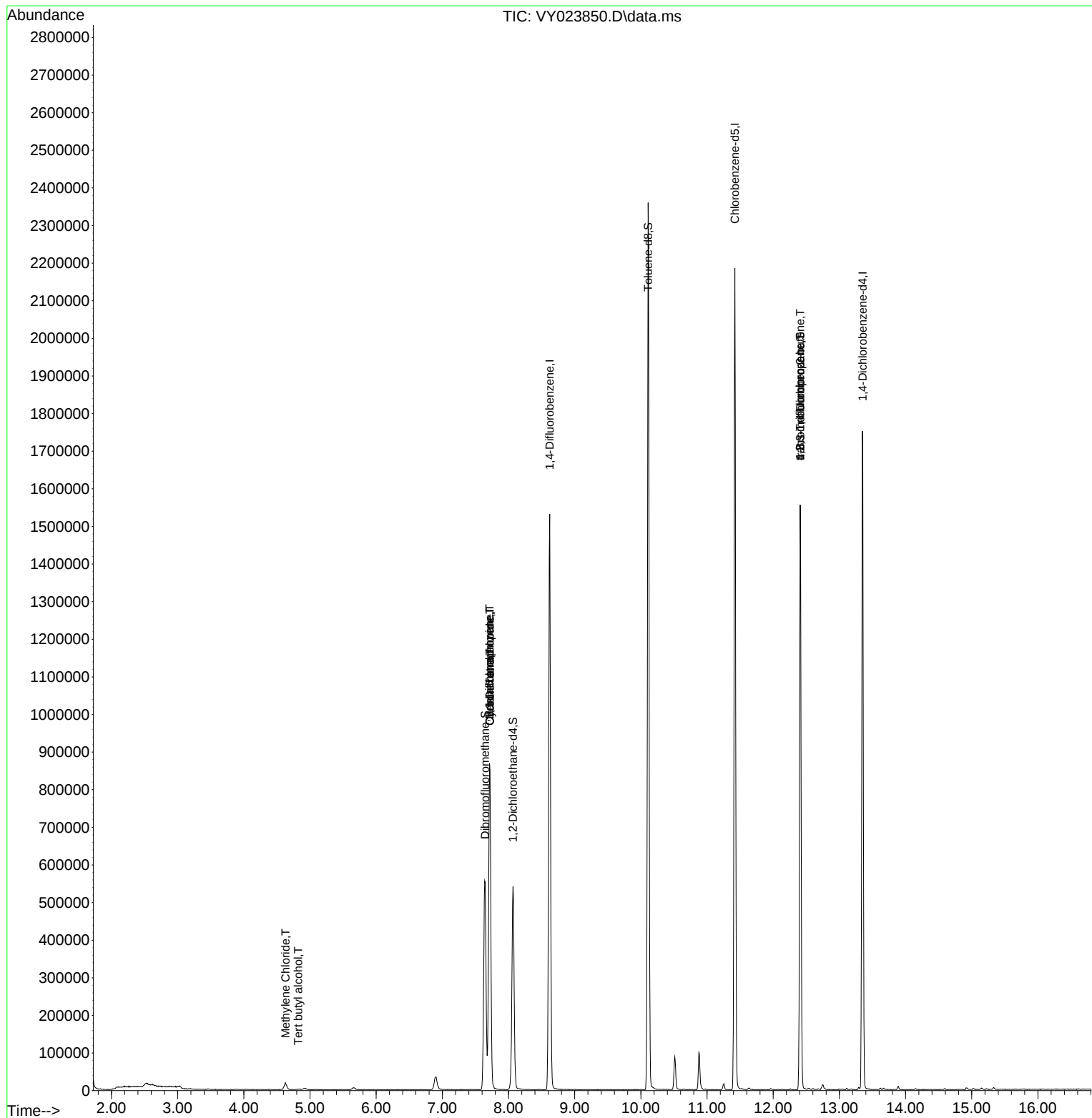
Internal Standards						
1) Pentafluorobenzene	7.713	168	690111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1278486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1125521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	454228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	421477	62.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.420%	
35) Dibromofluoromethane	7.646	113	410218	54.164	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.320%	
50) Toluene-d8	10.109	98	1524404	50.674	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	12.408	95	454362	45.904	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.800%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.824	59	1852	3.355	ug/l #	73
20) Methylene Chloride	4.629	84	12676	1.548	ug/l	94
31) Cyclohexane	7.719	56	14020	1.085	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	54213	4.669	ug/l #	50
38) Carbon Tetrachloride	7.719	117	68414	5.367	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	233777	59.183	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	233777	125.096	ug/l #	14

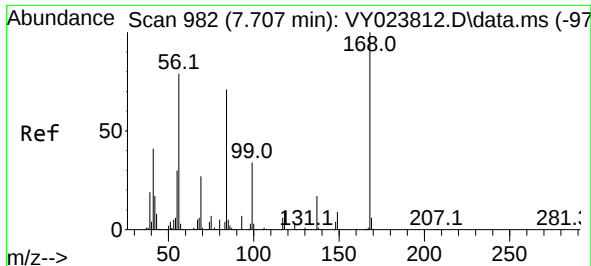
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
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ALS Vial : 2 Sample Multiplier: 1

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ClientSampleId :
VY1202SBL01

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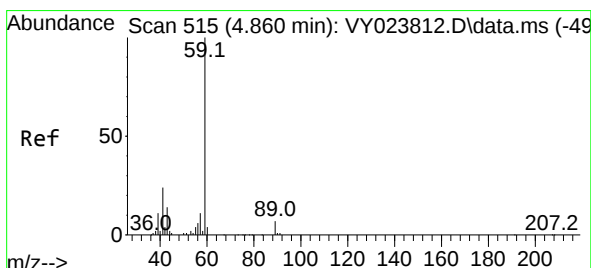
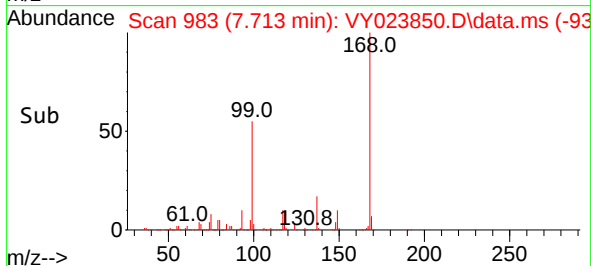
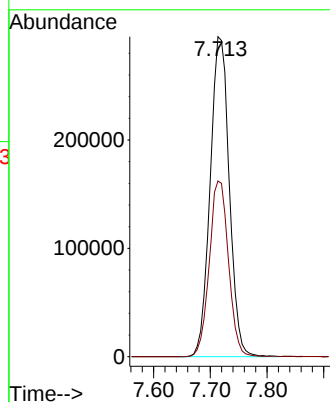
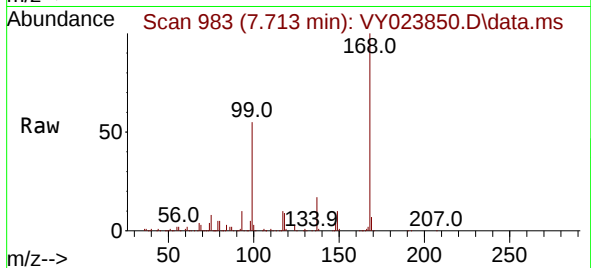




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

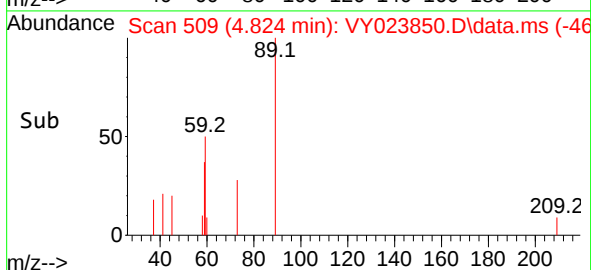
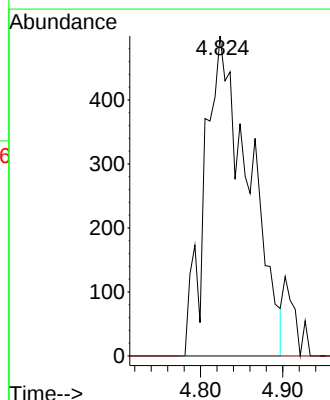
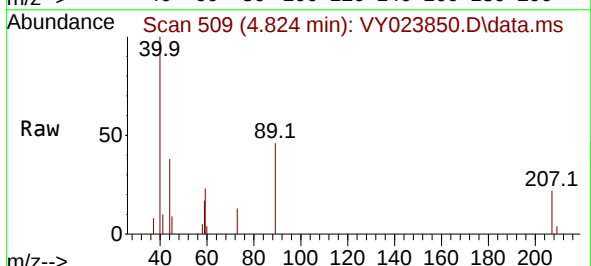
Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBL01

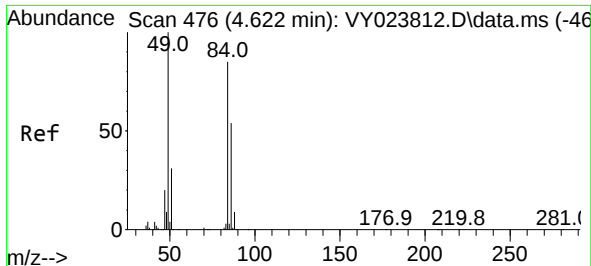
Tgt Ion:168 Resp: 690111
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#11
Tert butyl alcohol
Concen: 3.355 ug/l
RT: 4.824 min Scan# 509
Delta R.T. -0.036 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

Tgt Ion: 59 Resp: 1852
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

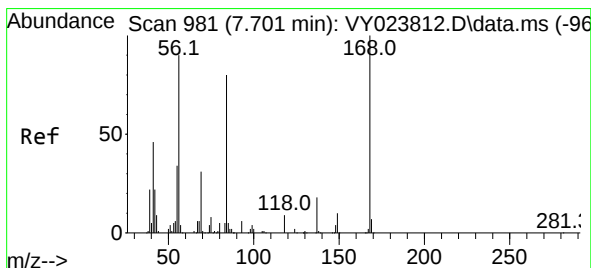
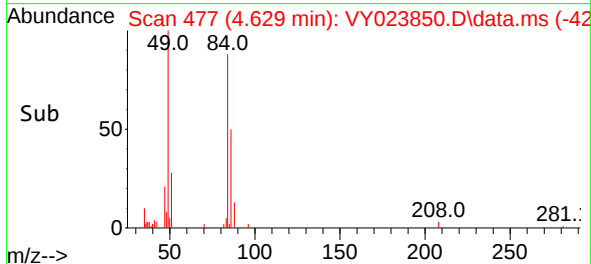
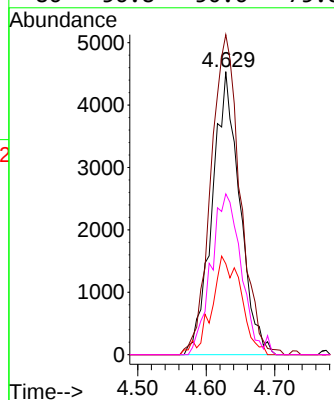
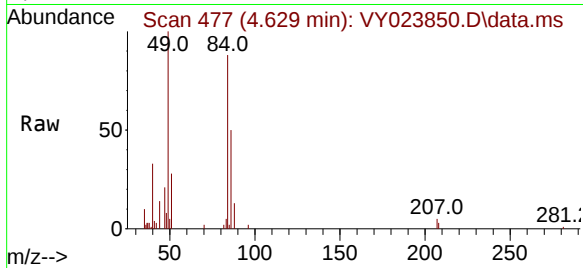




#20
Methylene Chloride
Concen: 1.548 ug/l
RT: 4.629 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

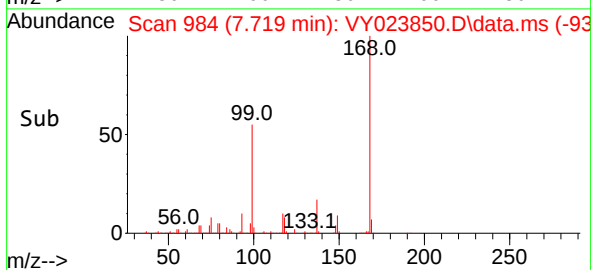
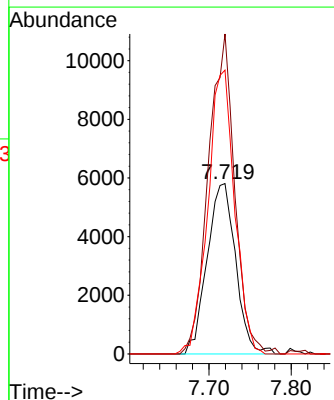
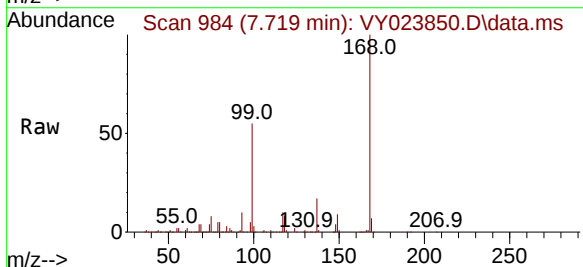
Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBL01

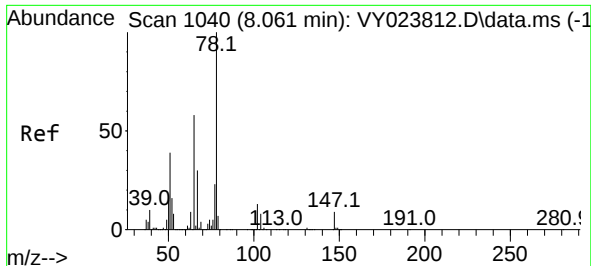
Tgt Ion:	84	Resp:	12676
Ion	Ratio	Lower	Upper
84	100		
49	113.0	94.0	141.0
51	32.1	29.2	43.8
86	56.8	50.6	75.8



#31
Cyclohexane
Concen: 1.085 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

Tgt Ion:	56	Resp:	14020
Ion	Ratio	Lower	Upper
56	100		
69	187.8	27.8	41.6#
84	166.6	71.8	107.8#





#33

1,2-Dichloroethane-d4

Concen: 62.714 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023850.D

Acq: 02 Dec 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

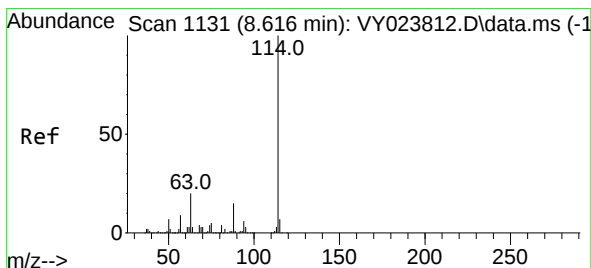
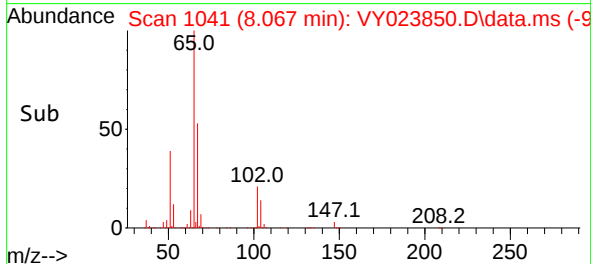
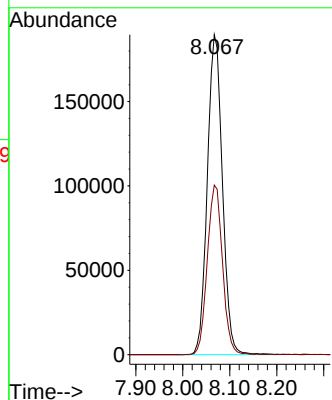
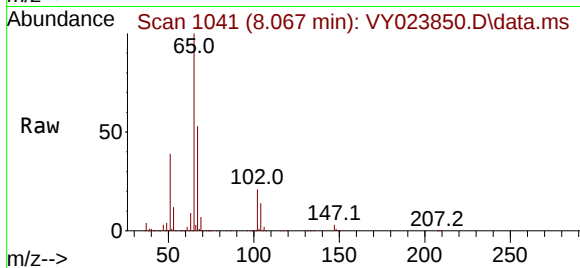
VY1202SBL01

Tgt Ion: 65 Resp: 421477

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023850.D

Acq: 02 Dec 2025 10:24

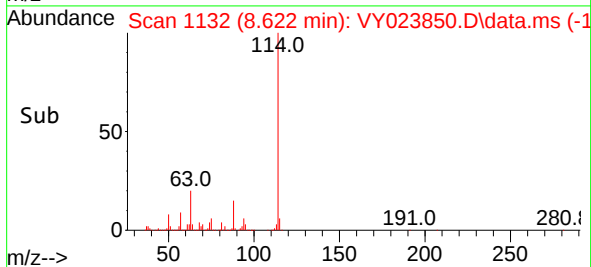
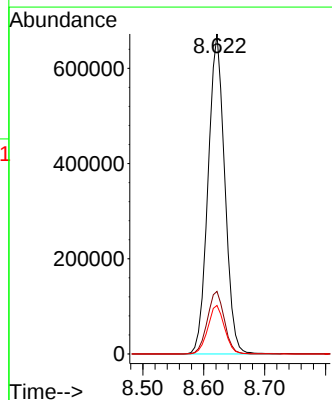
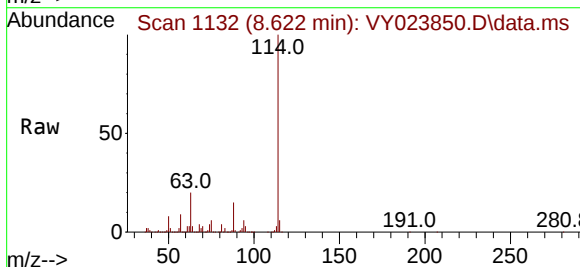
Tgt Ion:114 Resp: 1278486

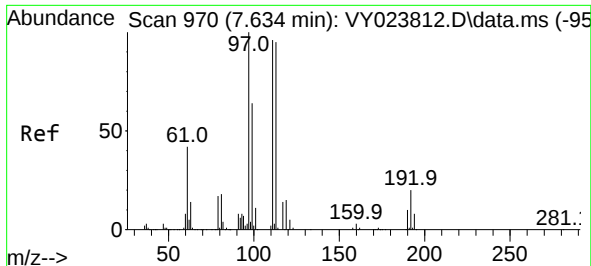
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

88 15.1 0.0 30.8

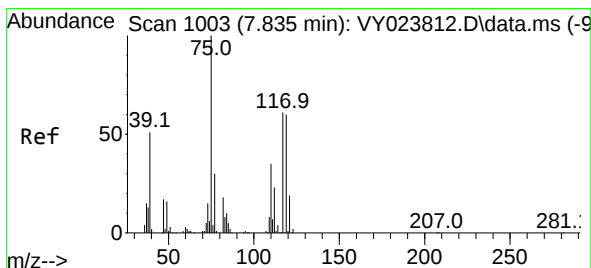
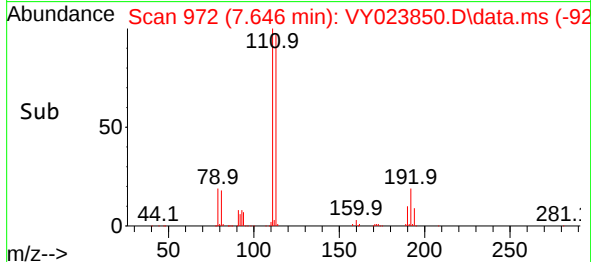
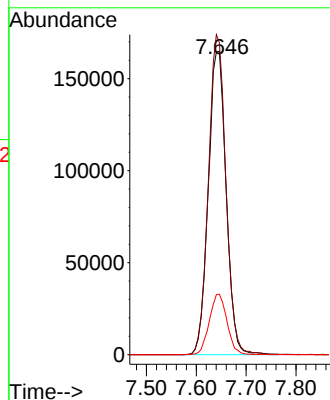
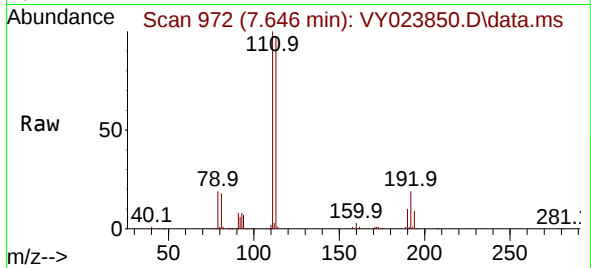




#35
Dibromofluoromethane
Concen: 54.164 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

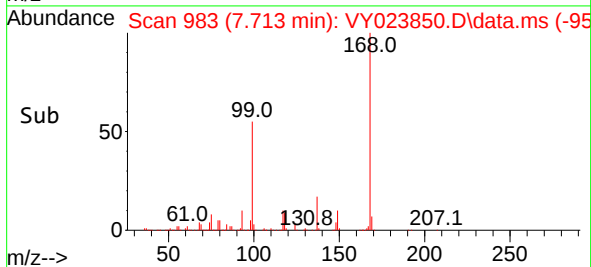
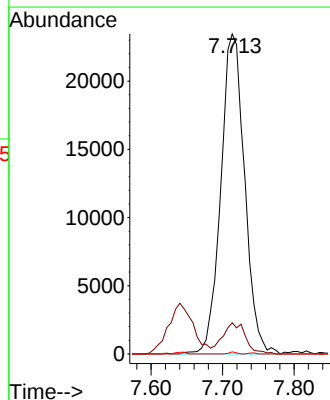
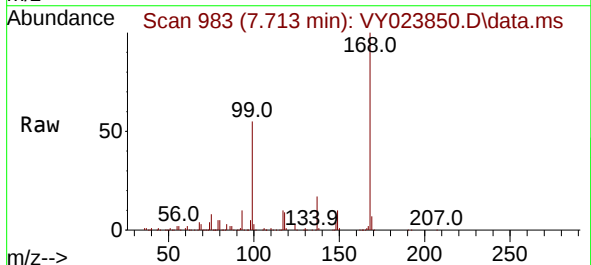
Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBL01

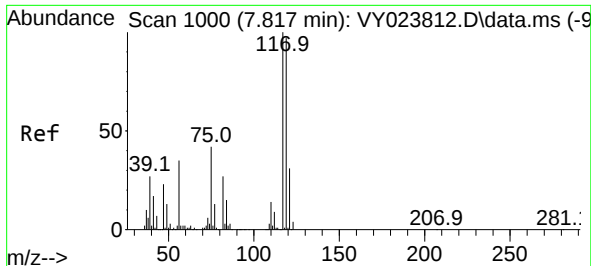
Tgt Ion:113 Resp: 410218
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 19.7 15.8 23.8



#36
1,1-Dichloropropene
Concen: 4.669 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

Tgt Ion: 75 Resp: 54213
Ion Ratio Lower Upper
75 100
110 9.4 17.6 52.8#
77 0.2 24.9 37.3#

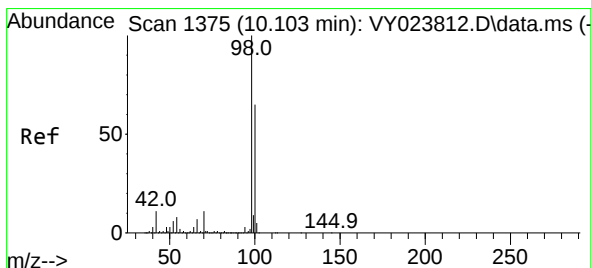
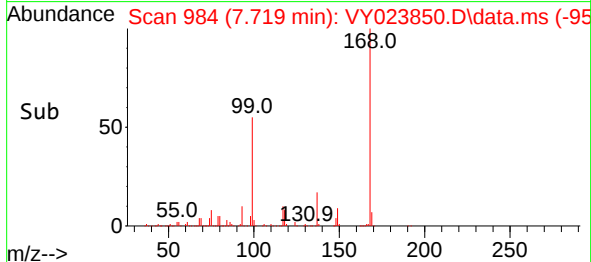
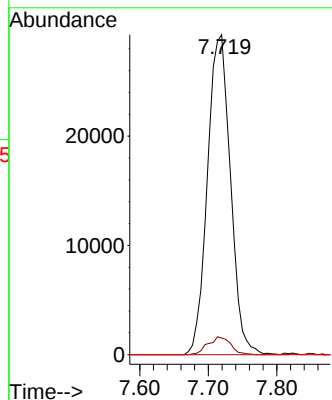
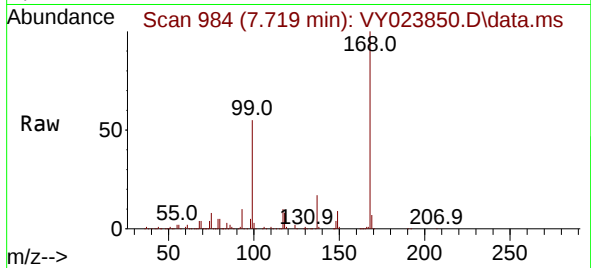




#38
Carbon Tetrachloride
Concen: 5.367 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

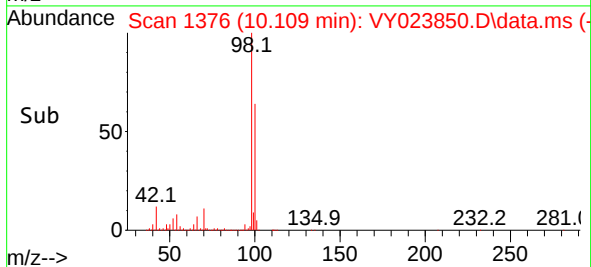
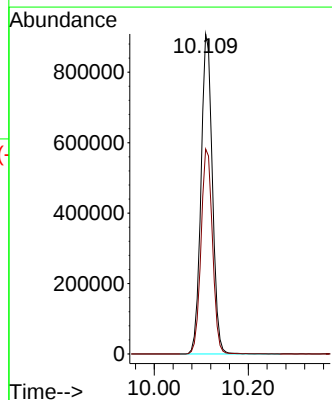
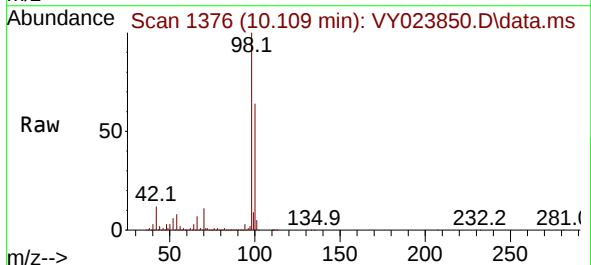
Instrument :
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ClientSampleId :
VY1202SBL01

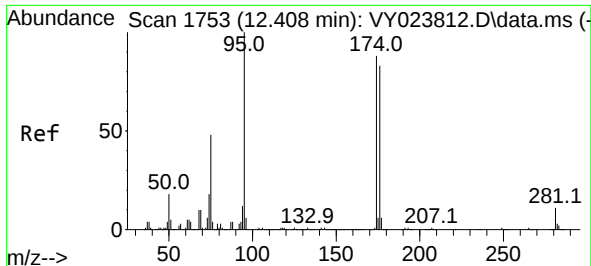
Tgt Ion:117 Resp: 68414
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.674 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

Tgt Ion: 98 Resp: 1524404
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

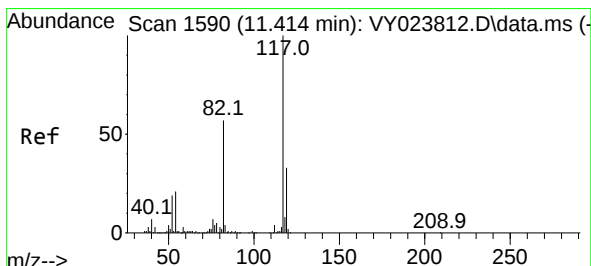
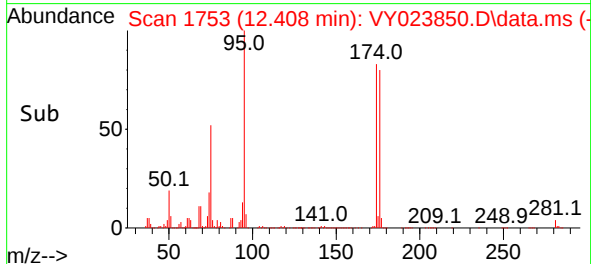
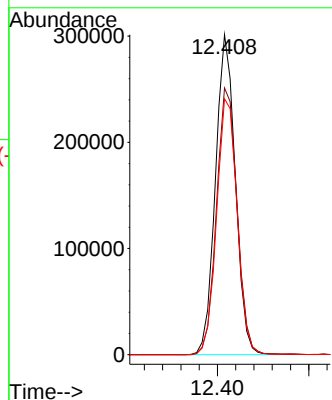
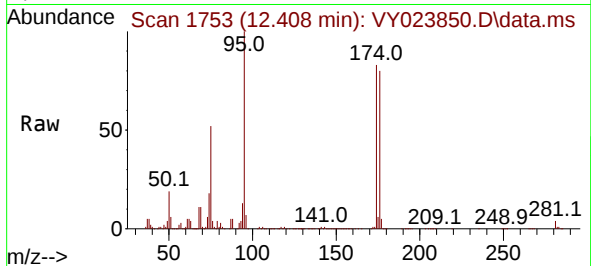




#62
4-Bromofluorobenzene
Concen: 45.904 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

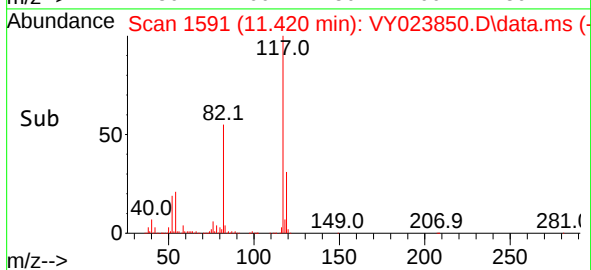
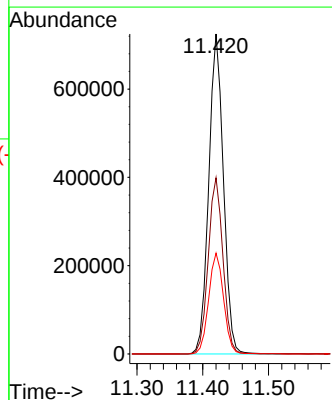
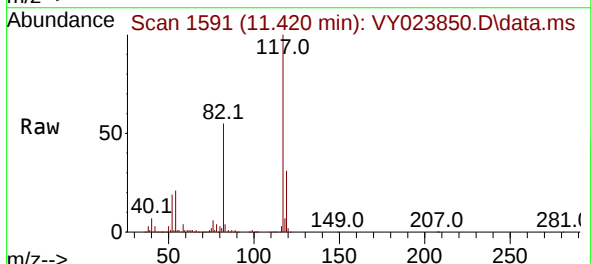
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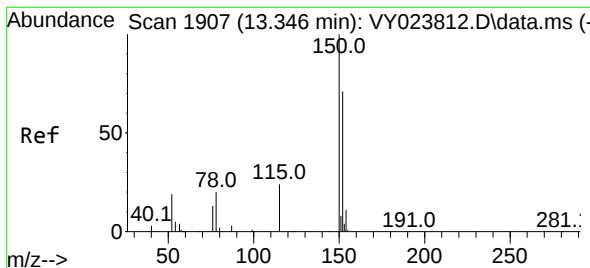
Tgt Ion: 95 Resp: 454362
Ion Ratio Lower Upper
95 100
174 86.7 0.0 168.6
176 82.8 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

Tgt Ion: 117 Resp: 1125521
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.0
119 31.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023850.D

Acq: 02 Dec 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1202SBL01

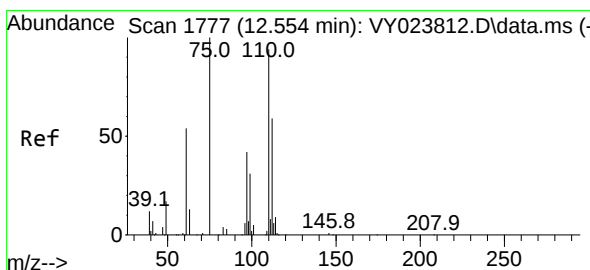
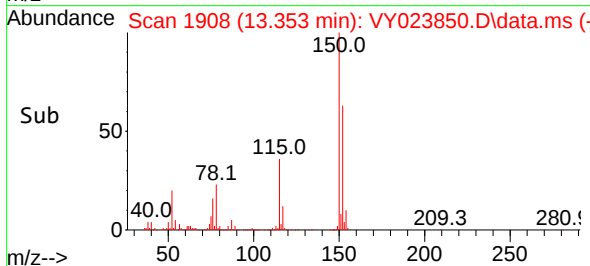
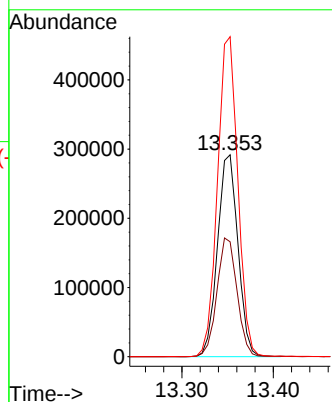
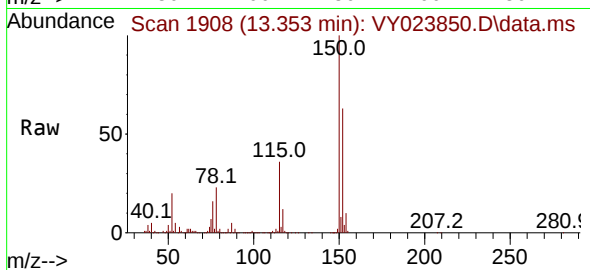
Tgt Ion:152 Resp: 454228

Ion Ratio Lower Upper

152 100

115 57.9 28.7 86.3

150 157.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 59.183 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY023850.D

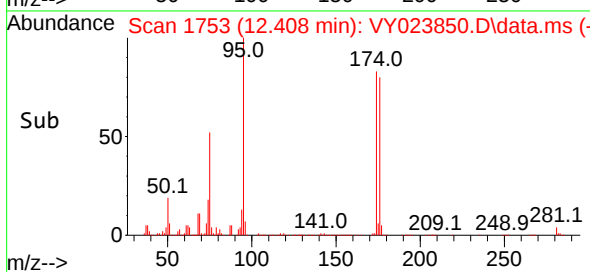
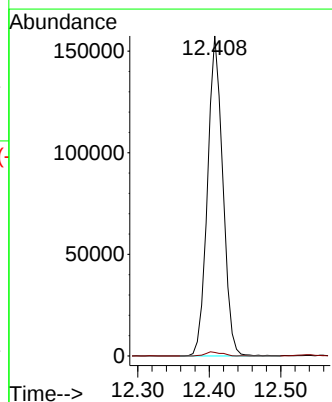
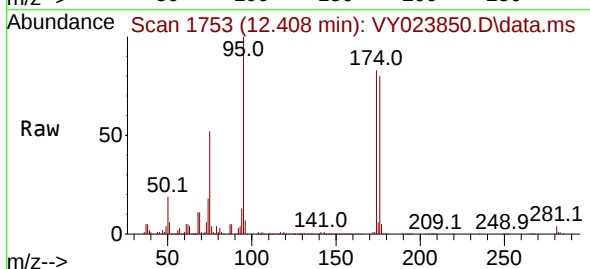
Acq: 02 Dec 2025 10:24

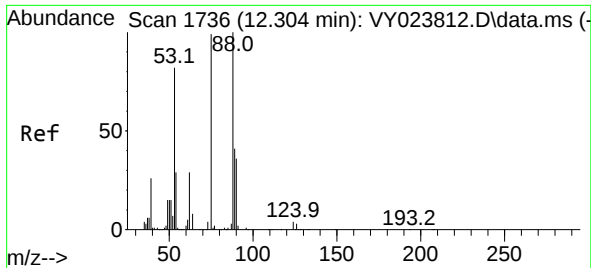
Tgt Ion: 75 Resp: 233777

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.096 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY023850.D
 Acq: 02 Dec 2025 10:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1202SBL01

Tgt Ion: 75 Resp: 233777
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.3 106.9#
 89 0.0 37.0 55.4#

