

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121525\
 Data File : VY023964.D
 Acq On : 15 Dec 2025 09:50
 Operator : SY/MD
 Sample : VY1215SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBL01

Quant Time: Dec 16 02:10:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

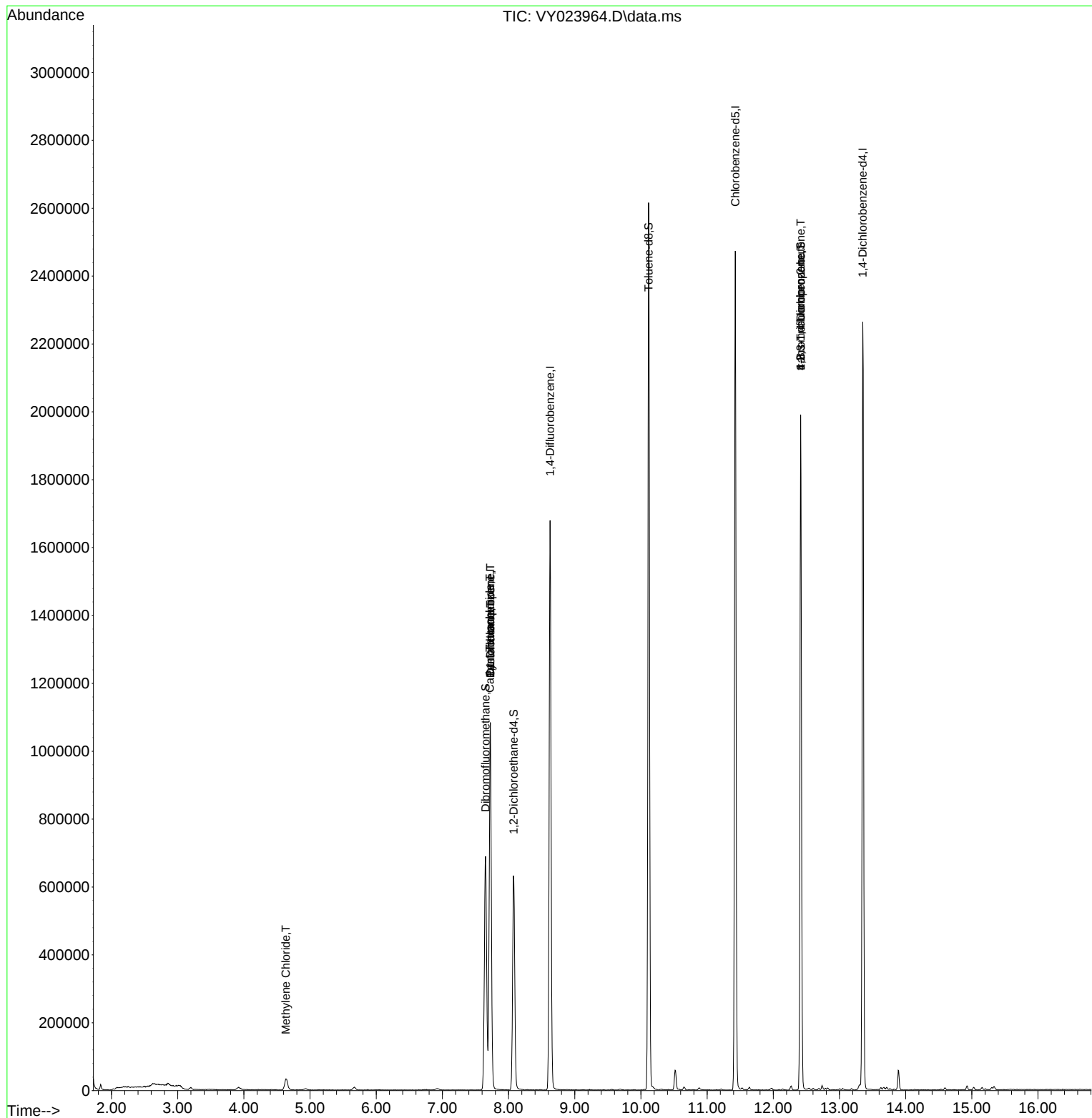
Internal Standards						
1) Pentafluorobenzene	7.725	168	917084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	1532789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	1373721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	620874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	501577	61.859	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.720%	
35) Dibromofluoromethane	7.652	113	498919	49.794	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.580%	
50) Toluene-d8	10.115	98	1729702	46.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.740%	
62) 4-Bromofluorobenzene	12.413	95	569688	45.729	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.460%	
Target Compounds						Qvalue
16) Acetone	3.921	43	16354	Below Cal	98	
20) Methylene Chloride	4.634	84	26910	2.821	ug/l	94
31) Cyclohexane	7.725	56	14543	1.046	ug/l #	1
36) 1,1-Dichloropropene	7.725	75	56817	4.165	ug/l #	49
38) Carbon Tetrachloride	7.719	117	80327	4.858	ug/l #	17
76) 1,2,3-Trichloropropane	12.413	75	282369	53.765	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.413	75	282369	122.381	ug/l #	12

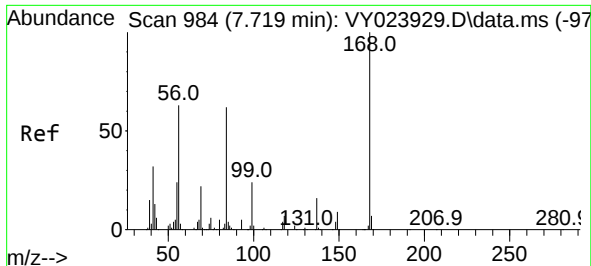
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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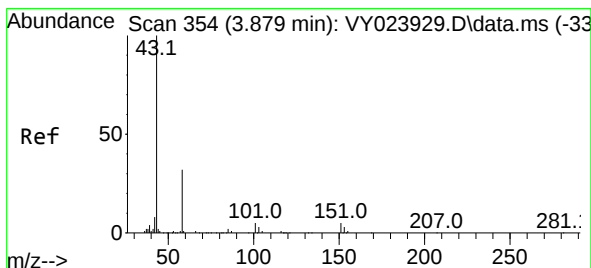
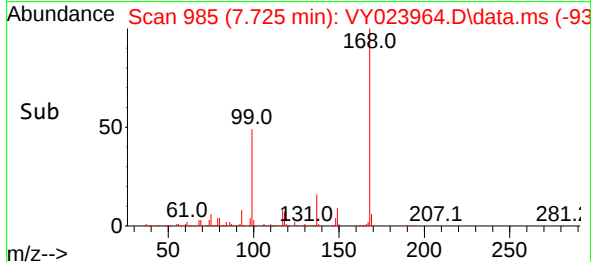
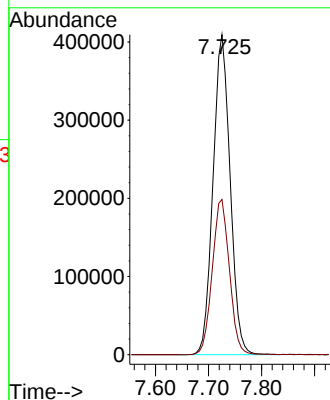
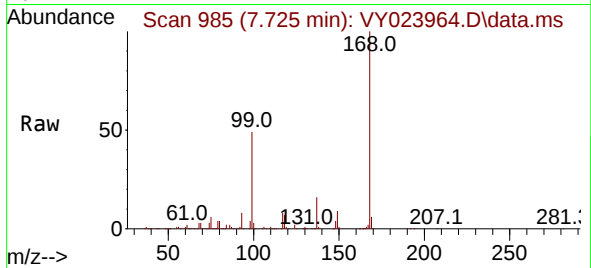




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:50

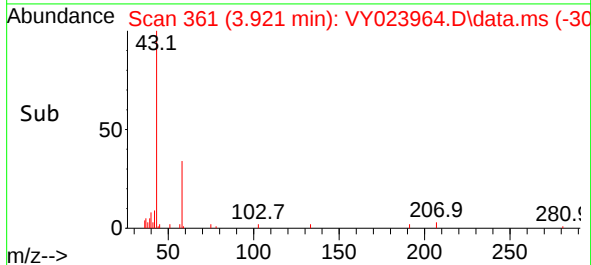
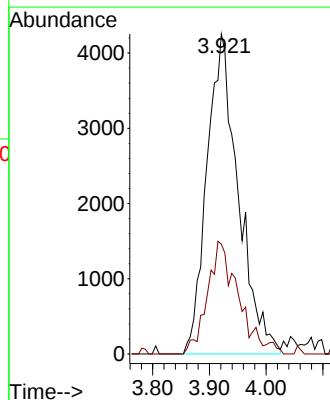
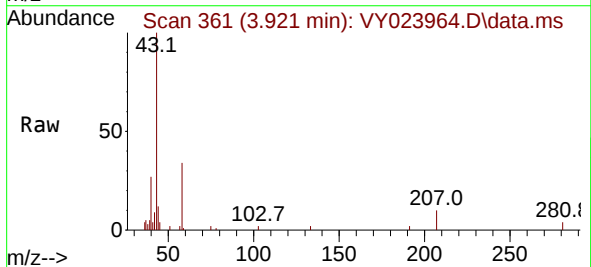
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

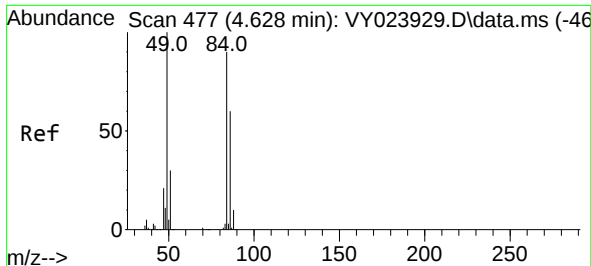
Tgt Ion:168 Resp: 917084
Ion Ratio Lower Upper
168 100
99 48.5 38.9 58.3



#16
Acetone
Concen: Below Cal
RT: 3.921 min Scan# 361
Delta R.T. 0.042 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:50

Tgt Ion: 43 Resp: 16354
Ion Ratio Lower Upper
43 100
58 34.3 26.4 39.6

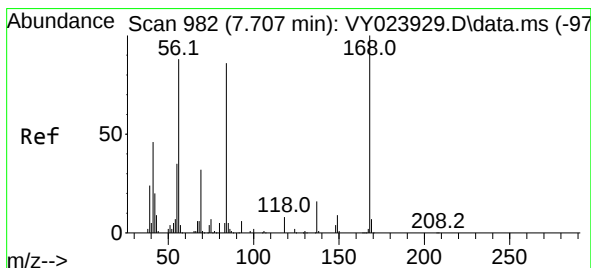
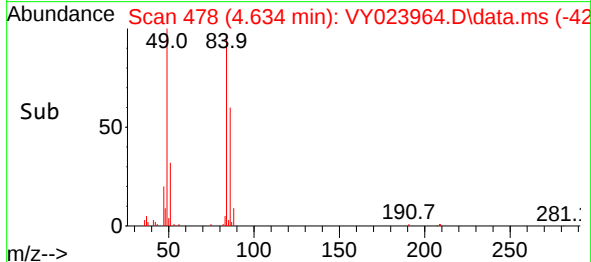
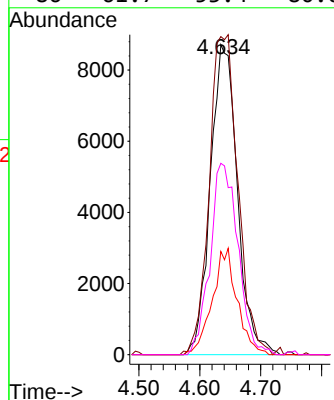
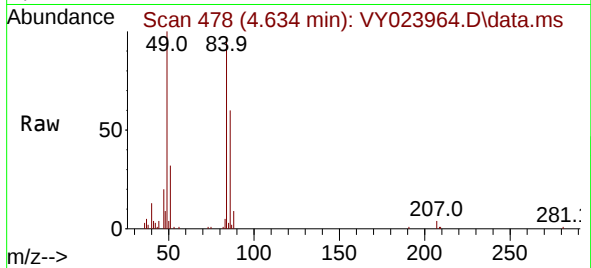




#20
Methylene Chloride
Concen: 2.821 ug/l
RT: 4.634 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:50

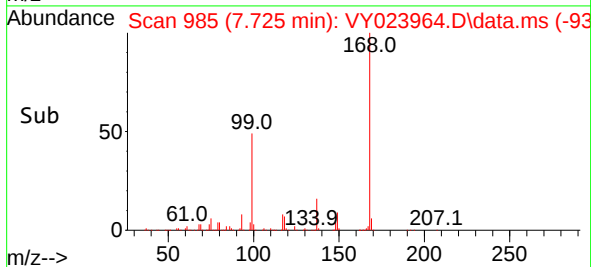
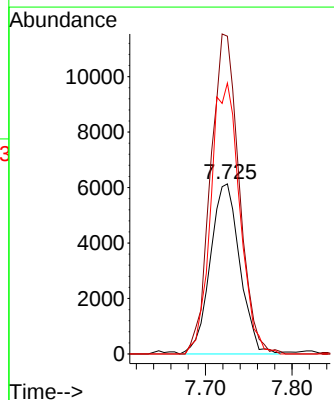
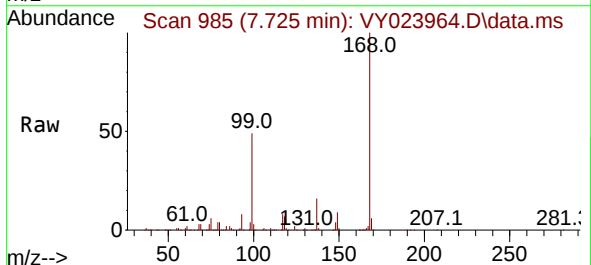
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

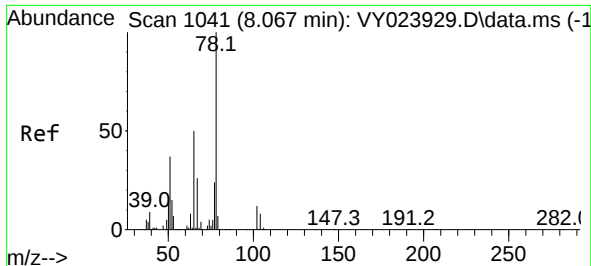
Tgt Ion:	84	Resp:	26910
Ion	Ratio	Lower	Upper
84	100		
49	102.6	89.1	133.7
51	33.3	26.6	39.8
86	61.7	53.4	80.0



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.725 min Scan# 985
Delta R.T. 0.018 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:50

Tgt Ion:	56	Resp:	14543
Ion	Ratio	Lower	Upper
56	100		
69	186.8	29.1	43.7#
84	159.2	77.8	116.8#





#33

1,2-Dichloroethane-d4

Concen: 61.859 ug/l

RT: 8.079 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY023964.D

Acq: 15 Dec 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

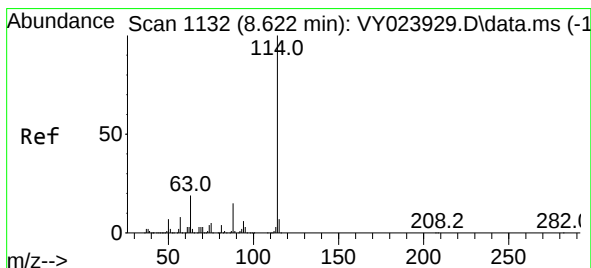
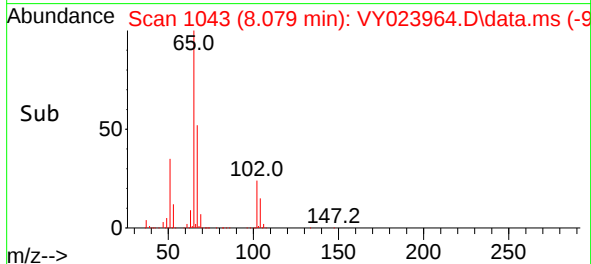
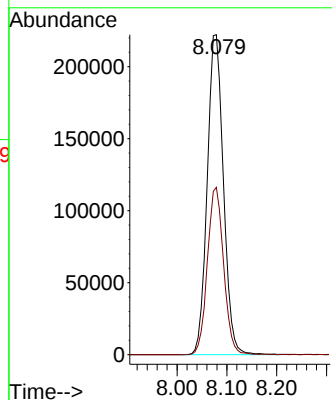
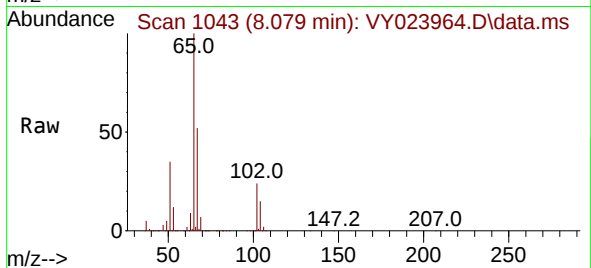
VY1215SBL01

Tgt Ion: 65 Resp: 501577

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY023964.D

Acq: 15 Dec 2025 09:50

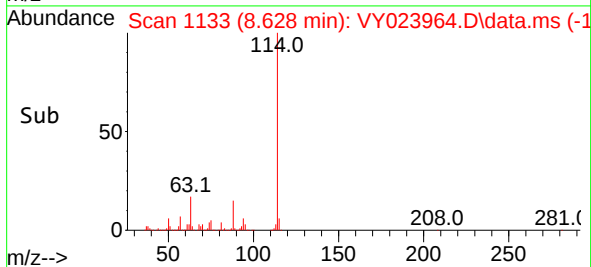
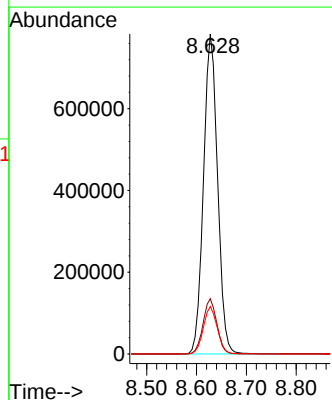
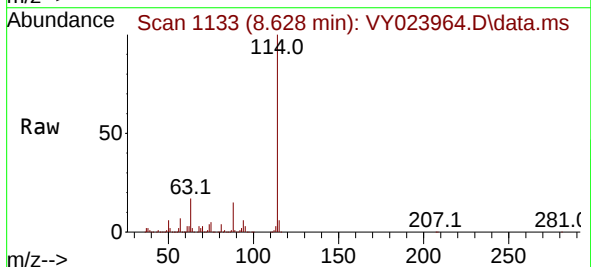
Tgt Ion:114 Resp: 1532789

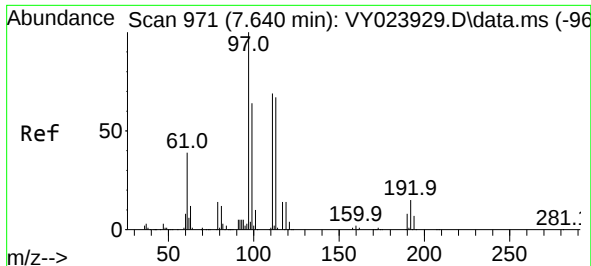
Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.2

88 14.8 0.0 29.4

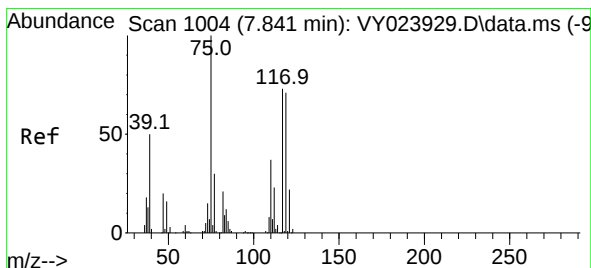
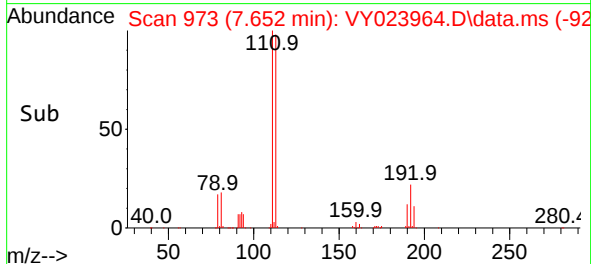
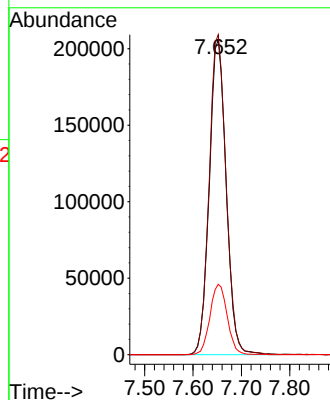
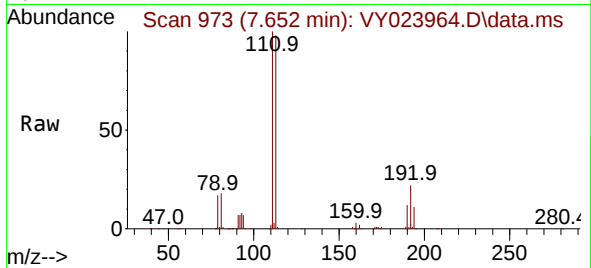




#35
Dibromofluoromethane
Concen: 49.794 ug/l
RT: 7.652 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:50

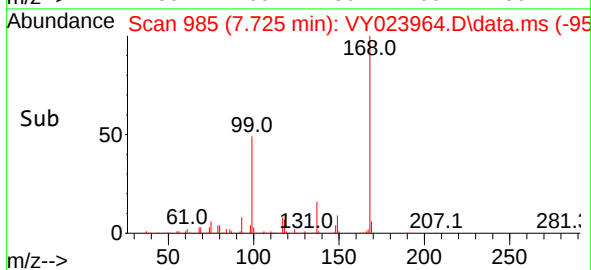
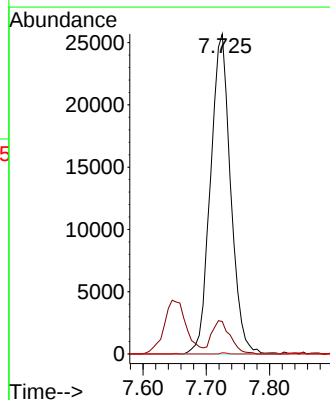
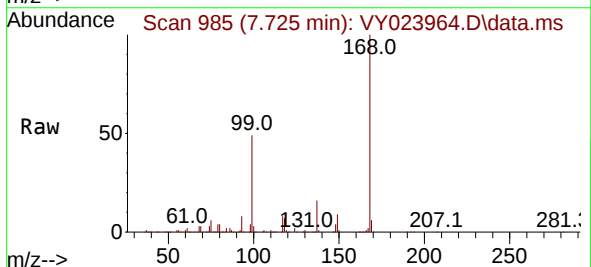
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

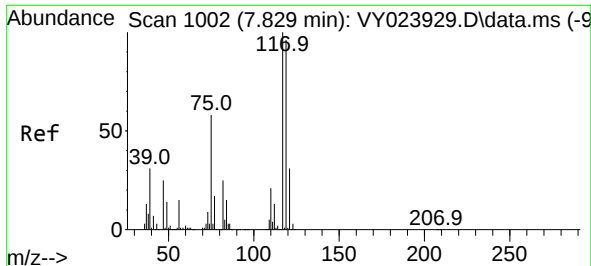
Tgt Ion:113 Resp: 498919
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 22.8 17.9 26.9



#36
1,1-Dichloropropene
Concen: 4.165 ug/l
RT: 7.725 min Scan# 985
Delta R.T. -0.116 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:50

Tgt Ion: 75 Resp: 56817
Ion Ratio Lower Upper
75 100
110 9.6 19.2 57.6#
77 0.1 24.4 36.6#

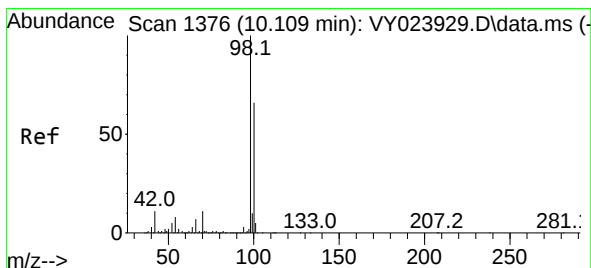
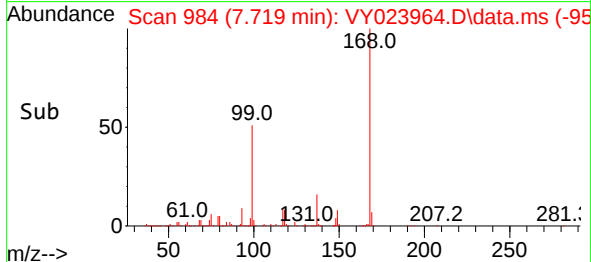
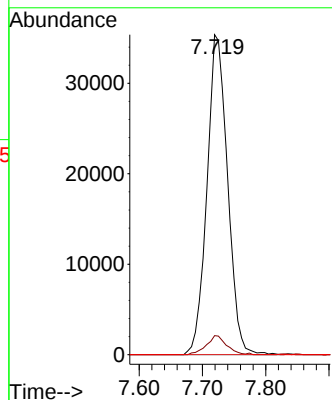
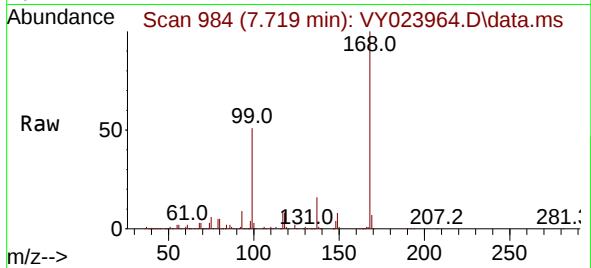




#38
Carbon Tetrachloride
Concen: 4.858 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:50

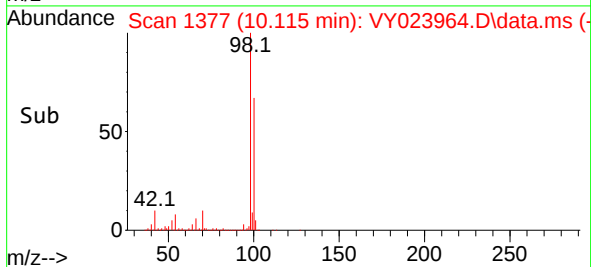
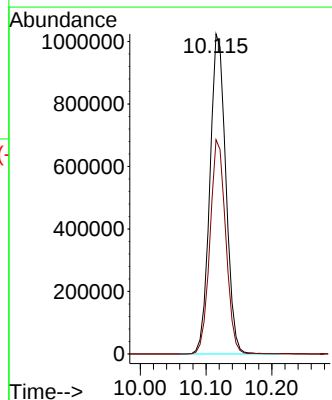
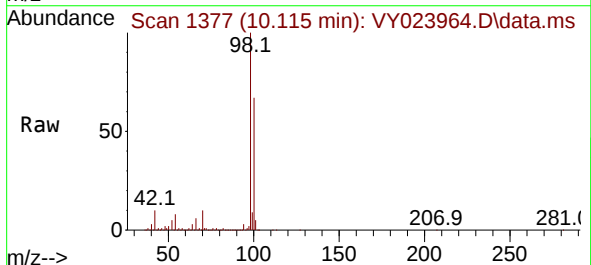
Instrument :
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ClientSampleId :
VY1215SBL01

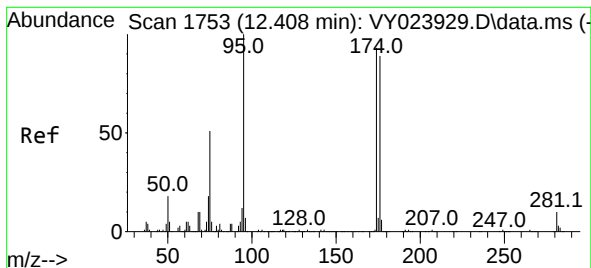
Tgt Ion:117 Resp: 80327
Ion Ratio Lower Upper
117 100
119 5.9 76.6 114.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.367 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:50

Tgt Ion: 98 Resp: 1729702
Ion Ratio Lower Upper
98 100
100 66.3 52.8 79.2

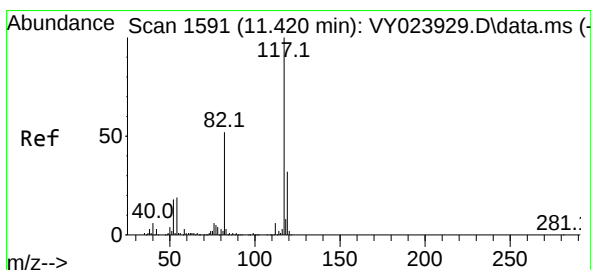
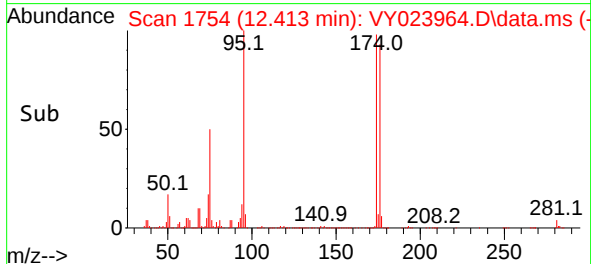
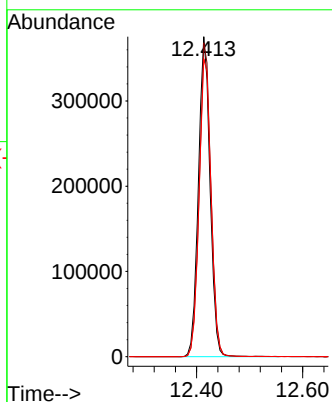
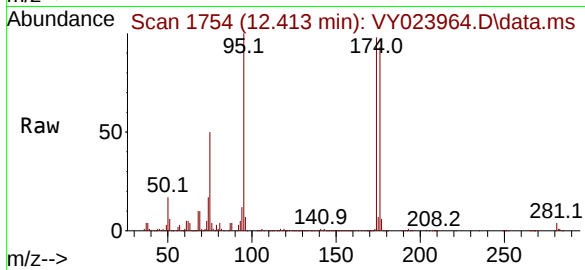




#62
4-Bromofluorobenzene
Concen: 45.729 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:50

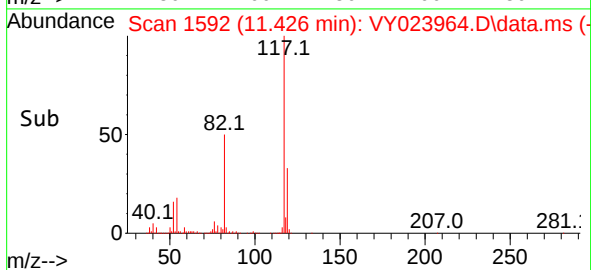
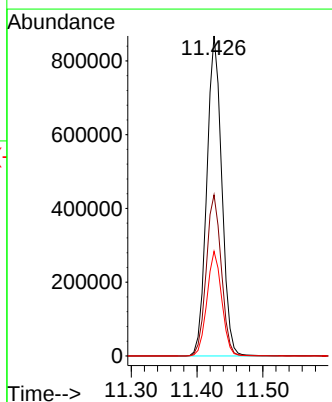
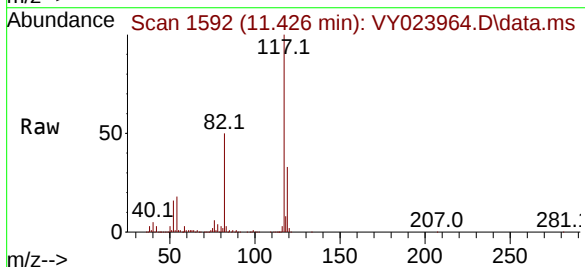
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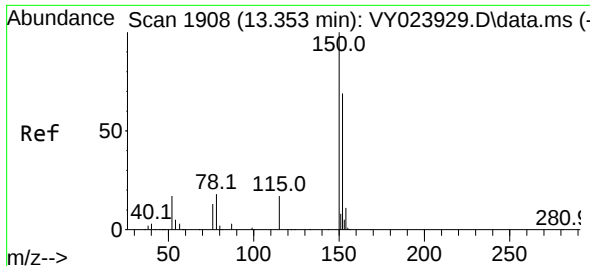
Tgt Ion: 95 Resp: 569688
Ion Ratio Lower Upper
95 100
174 98.5 0.0 187.4
176 95.4 0.0 179.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY023964.D
Acq: 15 Dec 2025 09:50

Tgt Ion: 117 Resp: 1373721
Ion Ratio Lower Upper
117 100
82 50.3 41.4 62.2
119 32.7 25.5 38.3

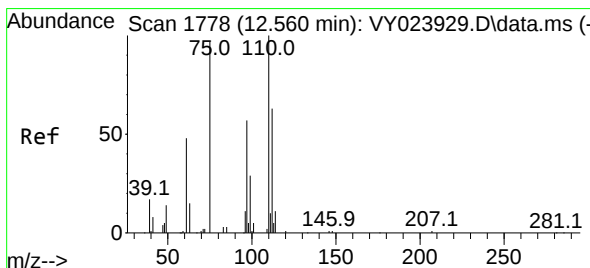
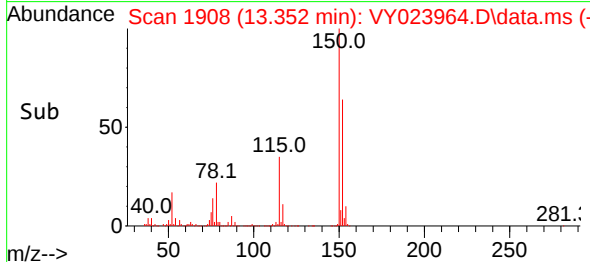
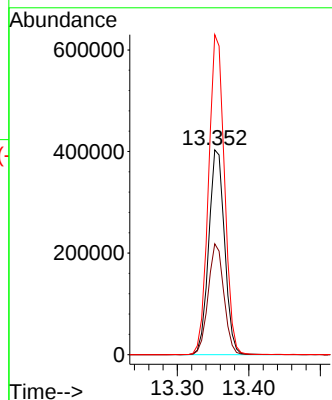
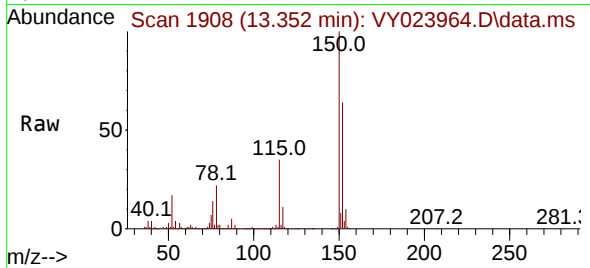




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY023964.D
 Acq: 15 Dec 2025 09:50

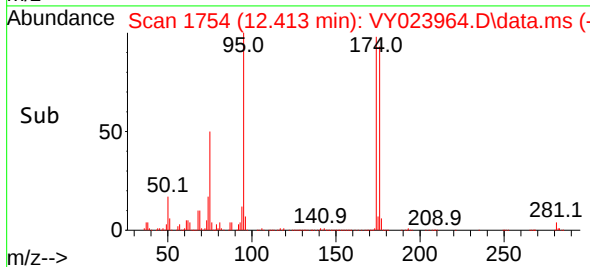
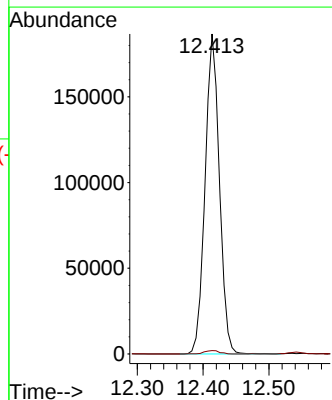
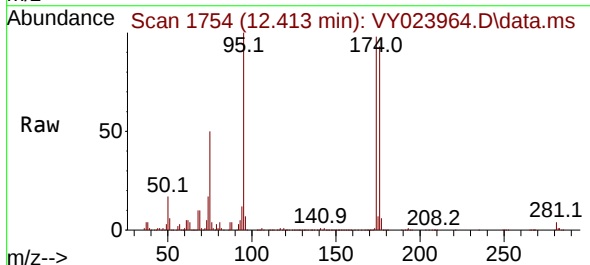
Instrument :
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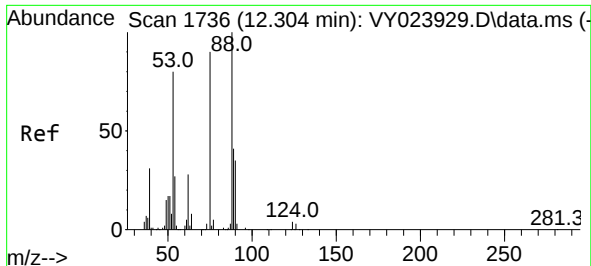
Tgt Ion:152 Resp: 620874
 Ion Ratio Lower Upper
 152 100
 115 53.8 27.3 81.9
 150 157.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 53.765 ug/l
 RT: 12.413 min Scan# 1754
 Delta R.T. -0.147 min
 Lab File: VY023964.D
 Acq: 15 Dec 2025 09:50

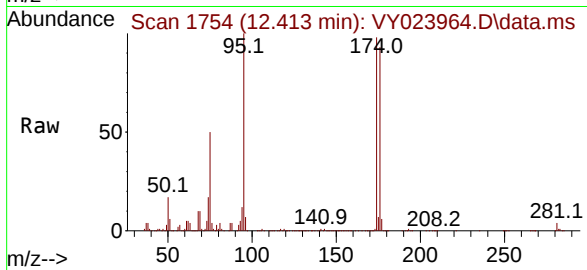
Tgt Ion: 75 Resp: 282369
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.381 ug/l
 RT: 12.413 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY023964.D
 Acq: 15 Dec 2025 09:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBL01



Tgt Ion: 75 Resp: 282369
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.4 110.0#
 89 0.1 38.9 58.3#

