

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100925\
 Data File : VY023408.D
 Acq On : 09 Oct 2025 09:16
 Operator : SY/MD
 Sample : VW1009SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009SBL01

Quant Time: Oct 10 04:20:42 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)

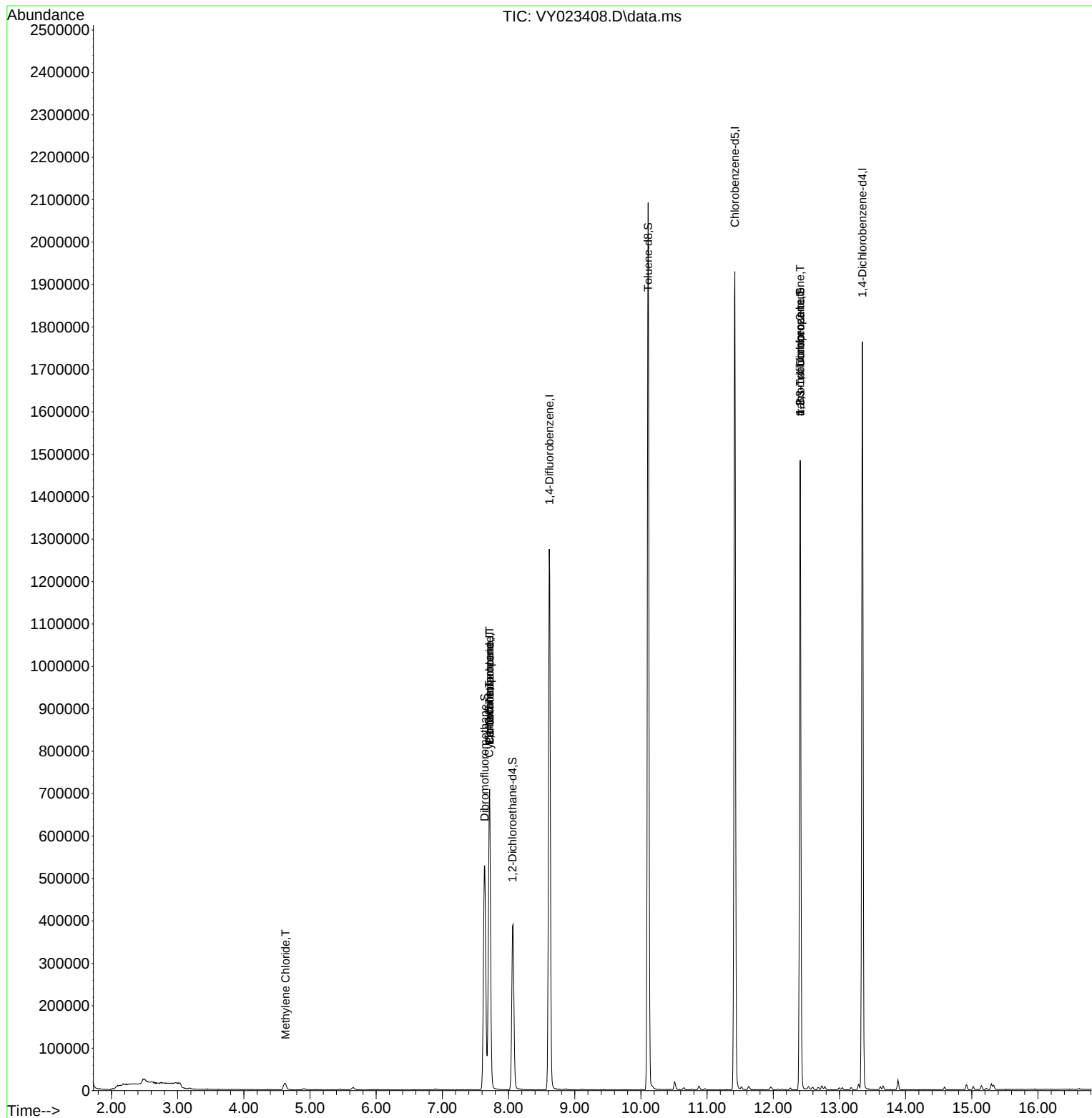
Internal Standards						
1) Pentafluorobenzene	7.713	168	586622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1154324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1109408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	466996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	311166	63.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.860%	
35) Dibromofluoromethane	7.640	113	386252	54.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.920%	
50) Toluene-d8	10.109	98	1375923	52.090	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.180%	
62) 4-Bromofluorobenzene	12.408	95	434618	49.838	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.680%	
Target Compounds						Qvalue
20) Methylene Chloride	4.629	84	13276	2.102	ug/l #	89
31) Cyclohexane	7.707	56	10094	1.237	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	38677	4.119	ug/l #	48
38) Carbon Tetrachloride	7.713	117	52631	4.622	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	213116	51.725	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	213116	126.840	ug/l #	15

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

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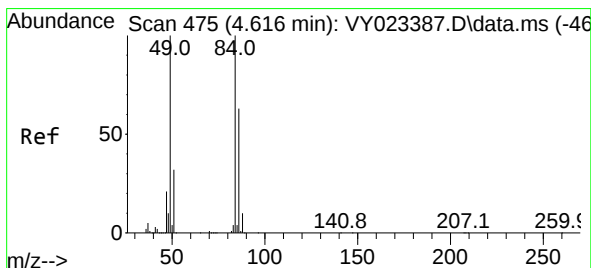
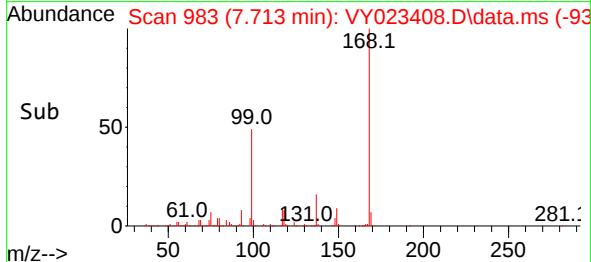
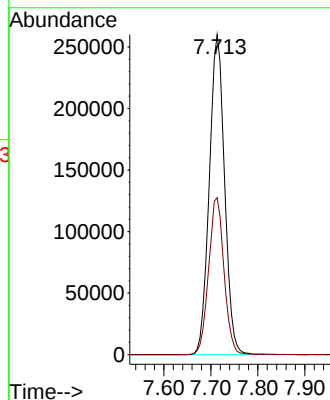
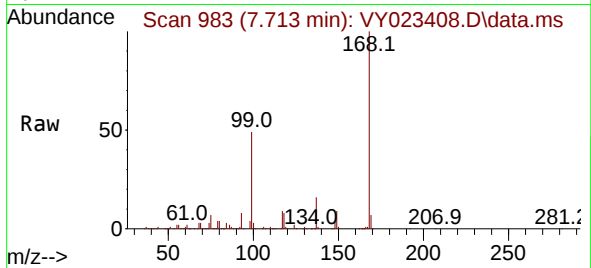




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023408.D
Acq: 09 Oct 2025 09:16

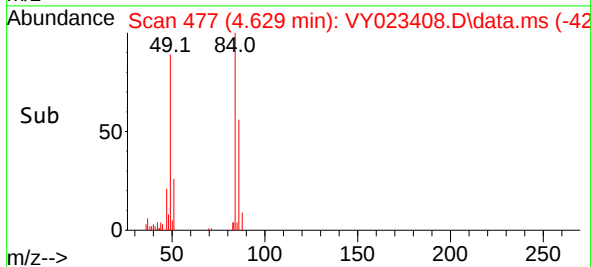
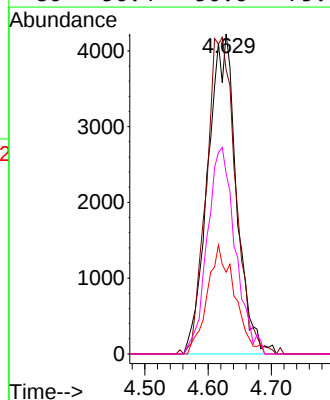
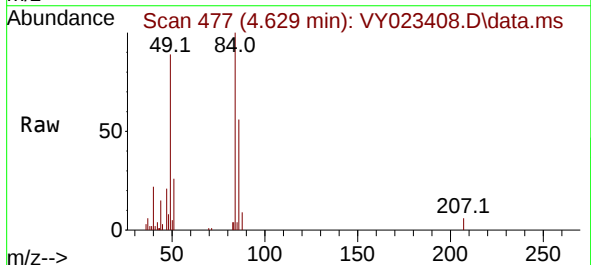
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBL01

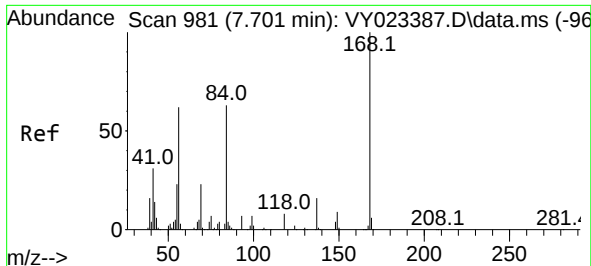
Tgt Ion:168 Resp: 586622
Ion Ratio Lower Upper
168 100
99 49.1 39.7 59.5



#20
Methylene Chloride
Concen: 2.102 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY023408.D
Acq: 09 Oct 2025 09:16

Tgt Ion: 84 Resp: 13276
Ion Ratio Lower Upper
84 100
49 87.5 80.2 120.4
51 25.6 25.9 38.9#
86 56.4 50.6 75.8

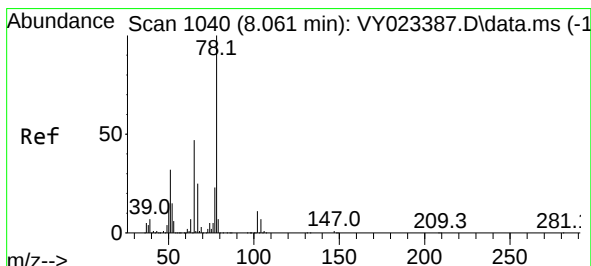
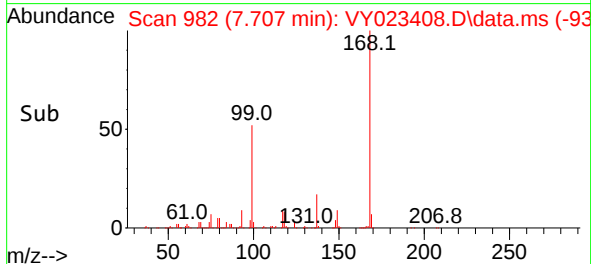
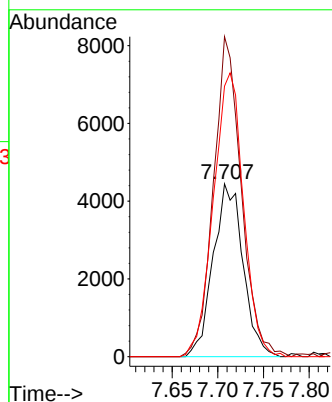
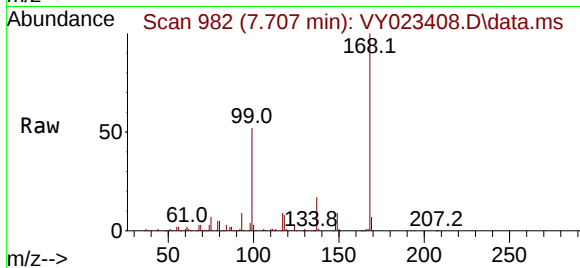




#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023408.D
Acq: 09 Oct 2025 09:16

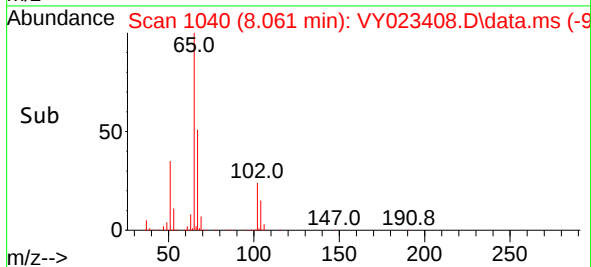
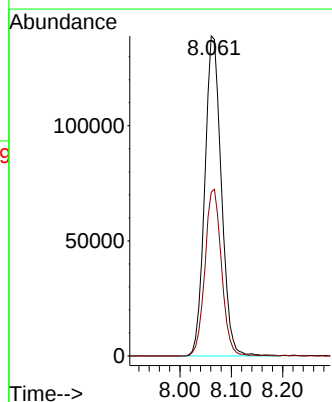
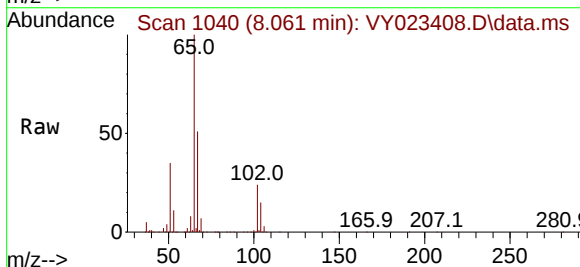
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBL01

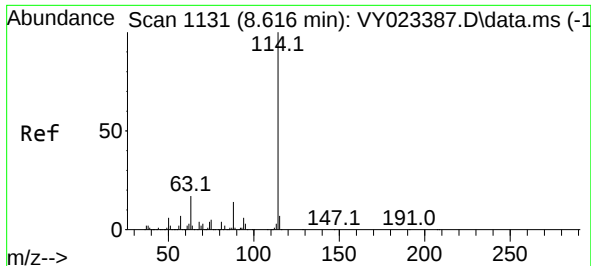
Tgt Ion: 56 Resp: 10094
Ion Ratio Lower Upper
56 100
69 185.1 30.0 45.0#
84 156.5 81.2 121.8#



#33
1,2-Dichloroethane-d4
Concen: 63.433 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023408.D
Acq: 09 Oct 2025 09:16

Tgt Ion: 65 Resp: 311166
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.8

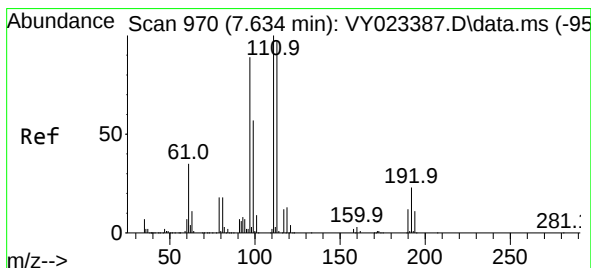
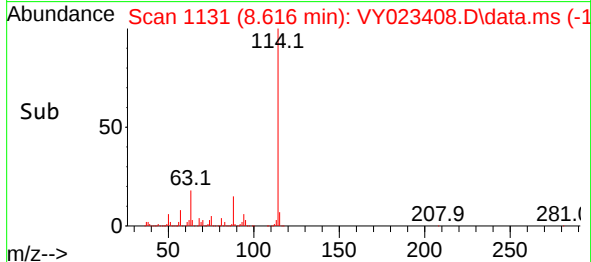
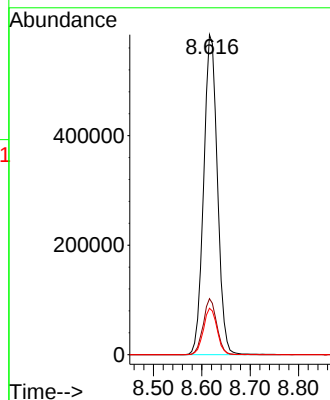
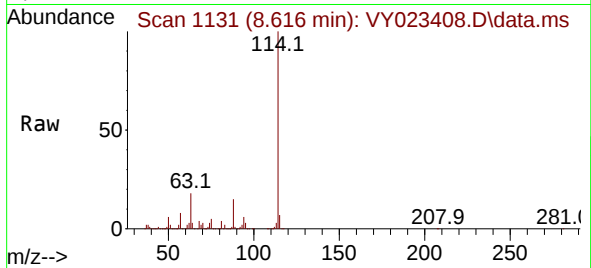




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023408.D
Acq: 09 Oct 2025 09:16

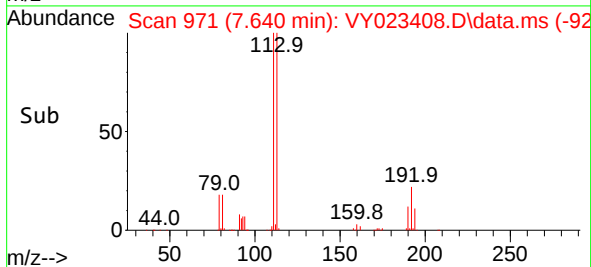
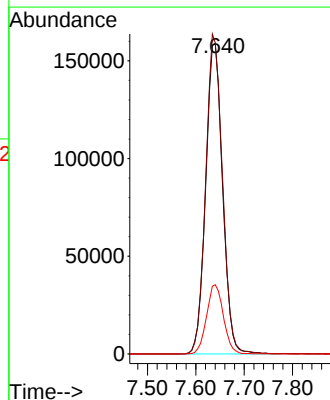
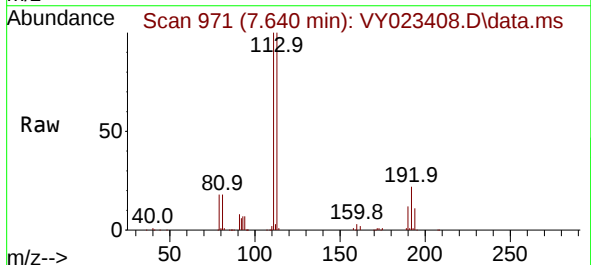
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBL01

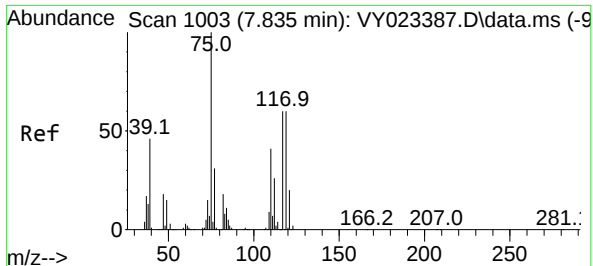
Tgt Ion:114 Resp: 1154324
Ion Ratio Lower Upper
114 100
63 17.5 0.0 34.2
88 14.5 0.0 28.4



#35
Dibromofluoromethane
Concen: 54.457 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023408.D
Acq: 09 Oct 2025 09:16

Tgt Ion:113 Resp: 386252
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 22.2 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.119 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY023408.D

Acq: 09 Oct 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBL01

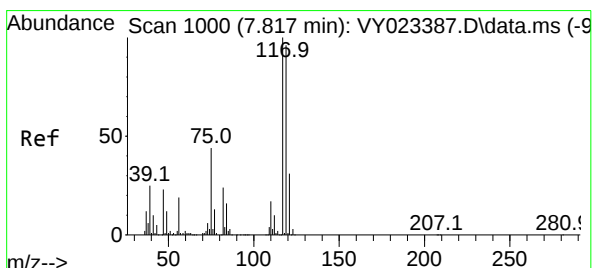
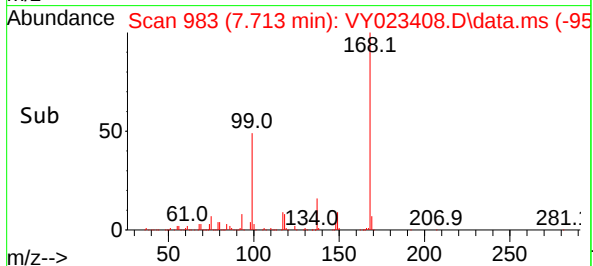
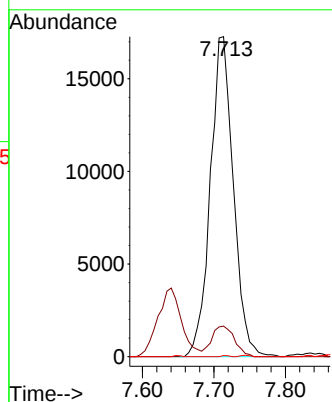
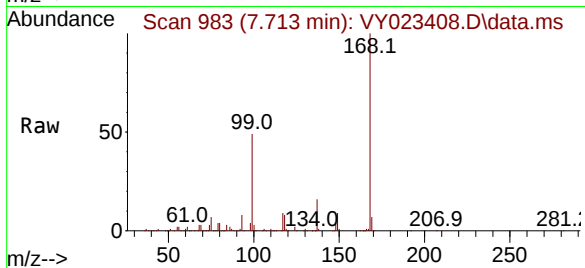
Tgt Ion: 75 Resp: 38677

Ion Ratio Lower Upper

75 100

110 9.5 19.9 59.7#

77 0.1 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 4.622 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY023408.D

Acq: 09 Oct 2025 09:16

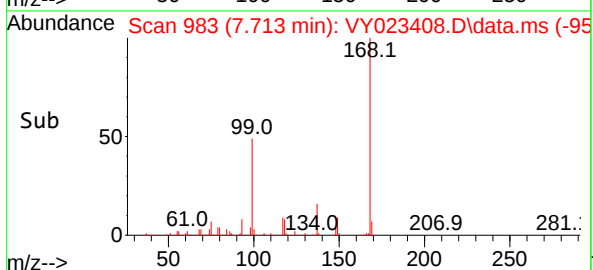
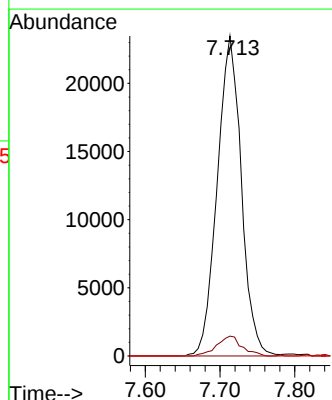
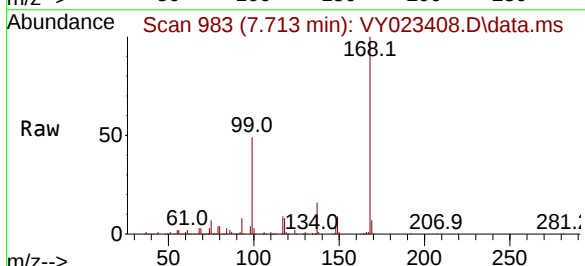
Tgt Ion: 117 Resp: 52631

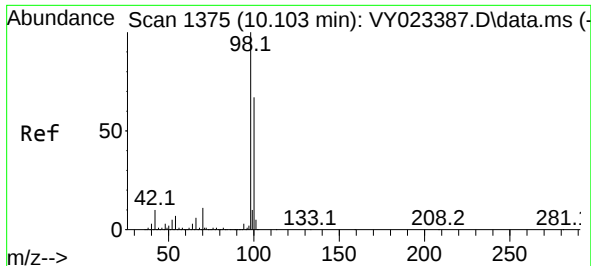
Ion Ratio Lower Upper

117 100

119 6.2 76.8 115.2#

121 0.0 24.5 36.7#

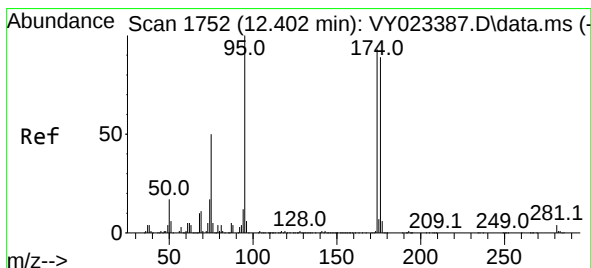
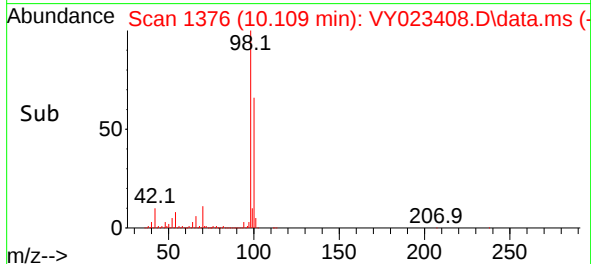
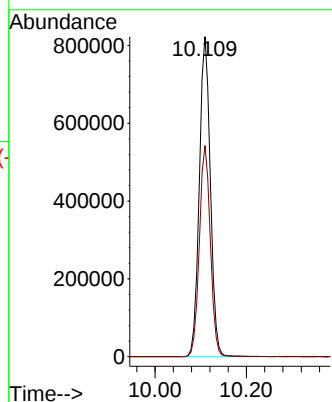
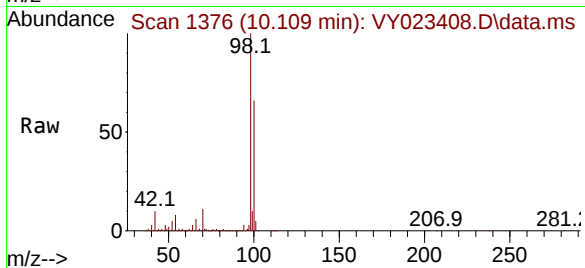




#50
Toluene-d8
Concen: 52.090 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023408.D
Acq: 09 Oct 2025 09:16

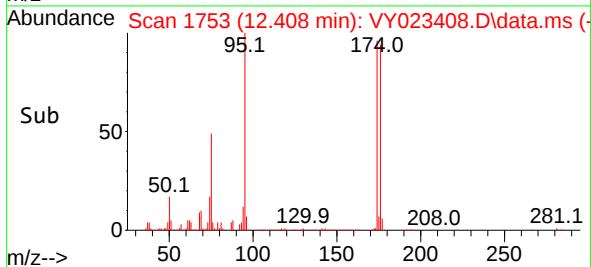
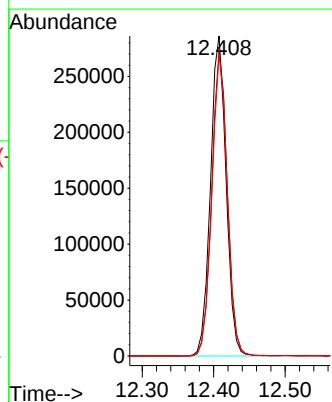
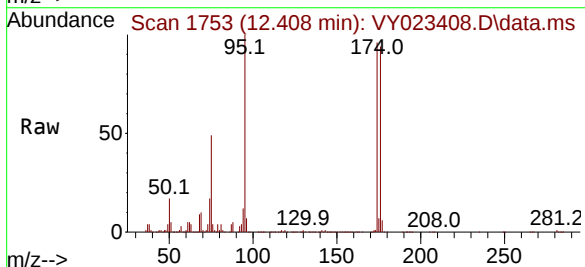
Instrument :
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ClientSampleId :
VY1009SBL01

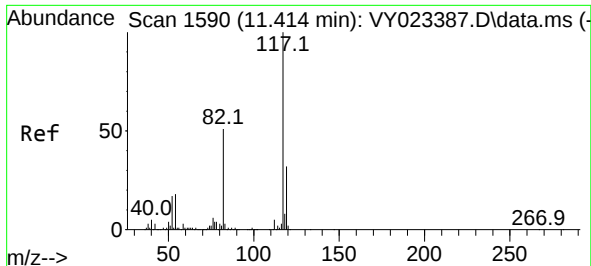
Tgt Ion: 98 Resp: 1375923
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.838 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023408.D
Acq: 09 Oct 2025 09:16

Tgt Ion: 95 Resp: 434618
Ion Ratio Lower Upper
95 100
174 95.2 0.0 192.8
176 92.8 0.0 187.6

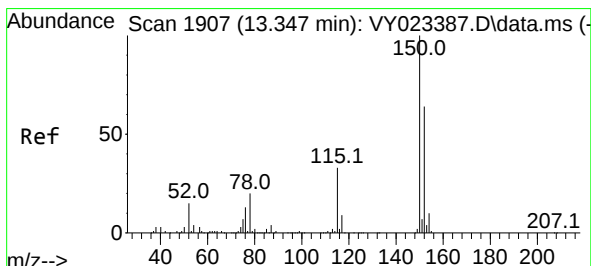
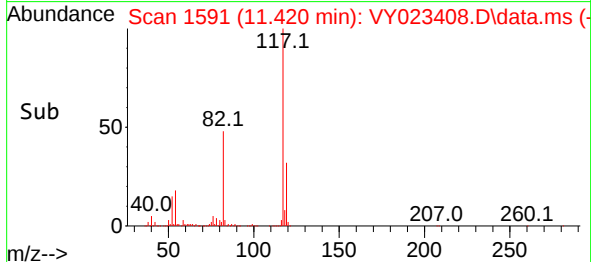
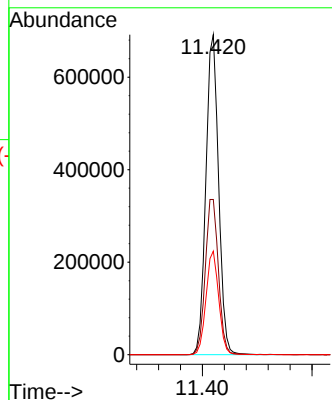
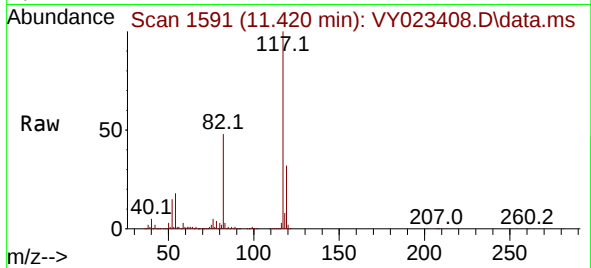




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023408.D
Acq: 09 Oct 2025 09:16

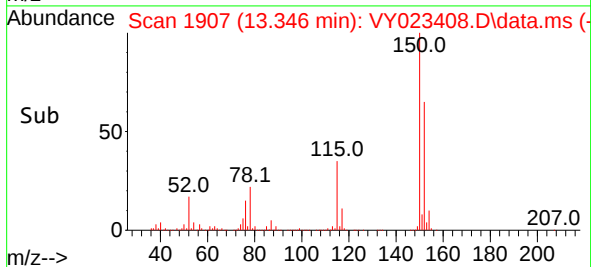
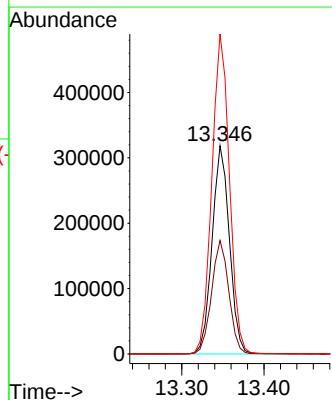
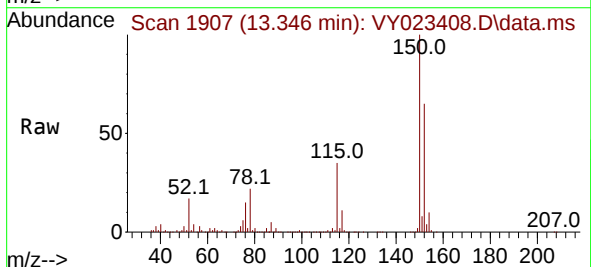
Instrument :
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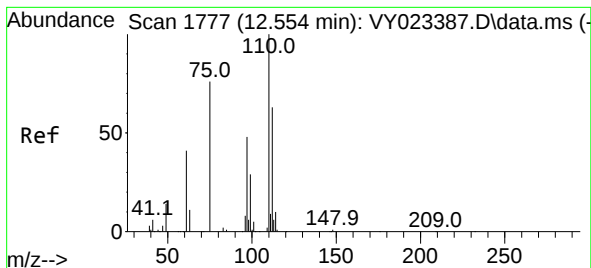
Tgt Ion:117 Resp: 1109408
Ion Ratio Lower Upper
117 100
82 48.5 41.0 61.4
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023408.D
Acq: 09 Oct 2025 09:16

Tgt Ion:152 Resp: 466996
Ion Ratio Lower Upper
152 100
115 54.3 27.1 81.2
150 156.1 0.0 347.4

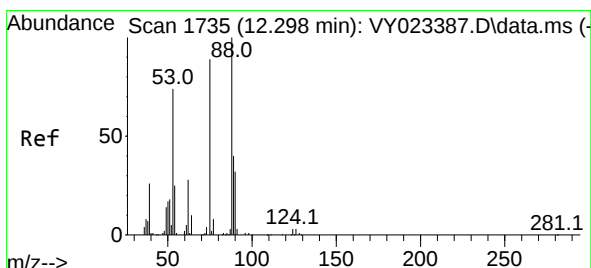
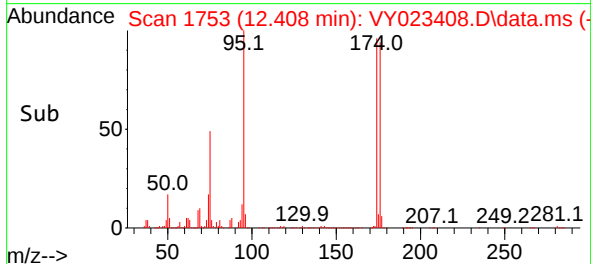
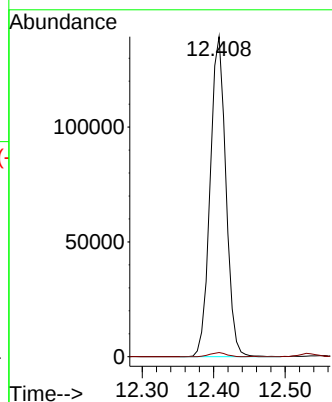
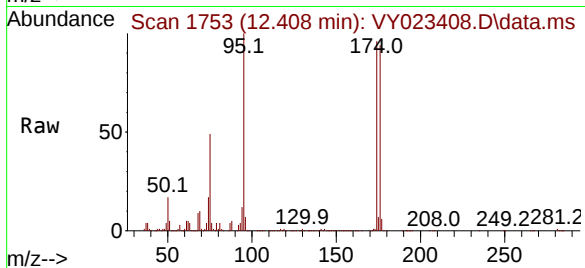




#76
1,2,3-Trichloropropane
Concen: 51.725 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY023408.D
Acq: 09 Oct 2025 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBL01

Tgt Ion: 75 Resp: 213116
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.840 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY023408.D
Acq: 09 Oct 2025 09:16

Tgt Ion: 75 Resp: 213116
Ion Ratio Lower Upper
75 100
53 0.2 68.6 102.8#
89 0.0 39.0 58.4#

