

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022539.D
 Acq On : 04 Jun 2025 10:24
 Operator : SY/MD
 Sample : VY0604SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBL01

Quant Time: Jun 05 04:09:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

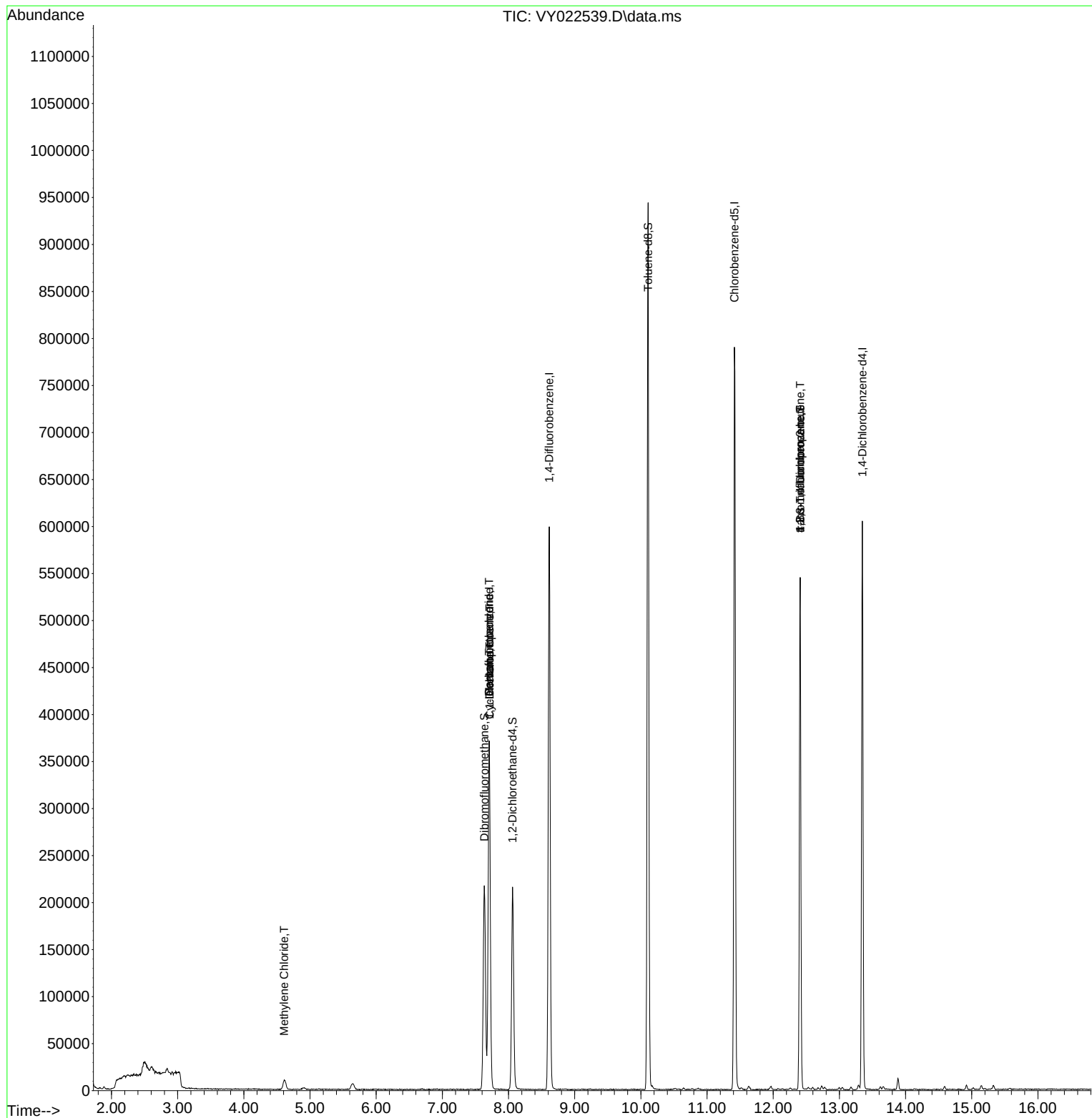
Internal Standards						
1) Pentafluorobenzene	7.707	168	271205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	498185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	390593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	137326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	159828	52.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.380%	
35) Dibromofluoromethane	7.634	113	150711	50.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.360%	
50) Toluene-d8	10.109	98	592665	49.327	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	12.408	95	149151	41.664	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.320%	
Target Compounds						Qvalue
20) Methylene Chloride	4.610	84	7054	2.016	ug/l #	94
31) Cyclohexane	7.713	56	7858	1.348	ug/l #	44
36) 1,1-Dichloropropene	7.713	75	24565	5.090	ug/l #	50
38) Carbon Tetrachloride	7.707	117	29472	5.953	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	87570	55.739	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	87570	134.607	ug/l #	10

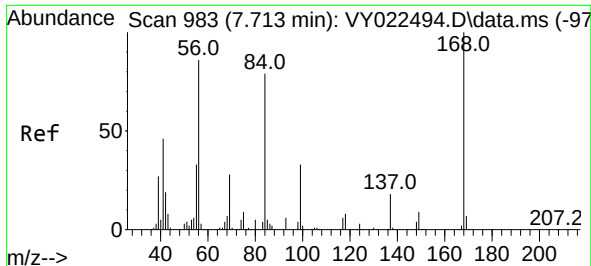
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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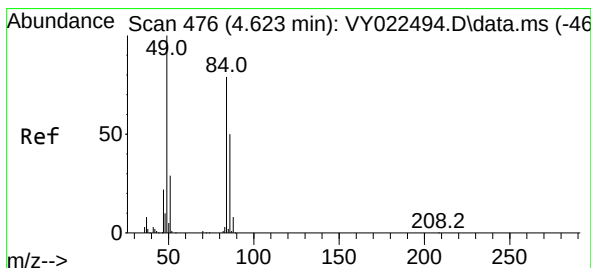
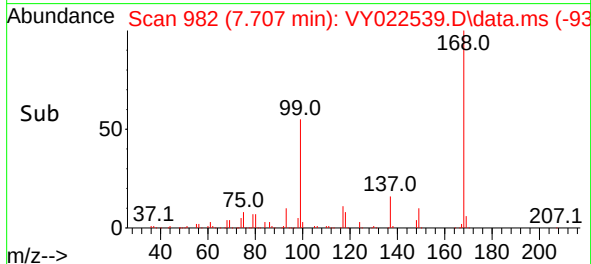
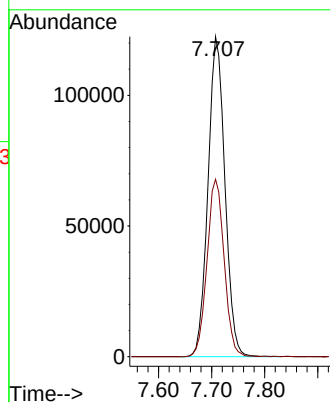
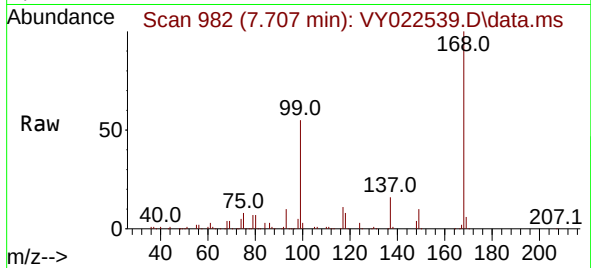




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022539.D
Acq: 04 Jun 2025 10:24

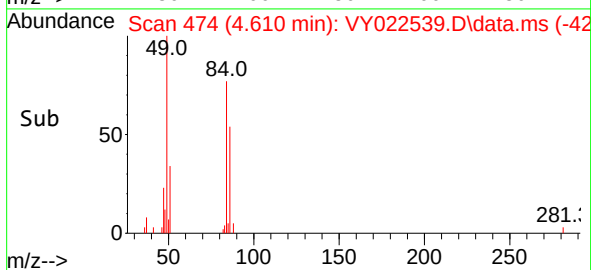
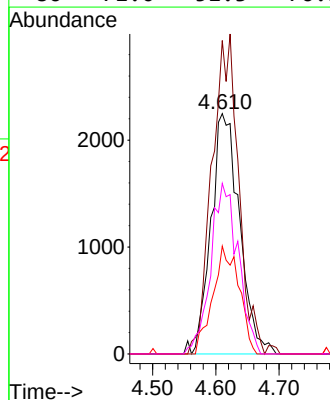
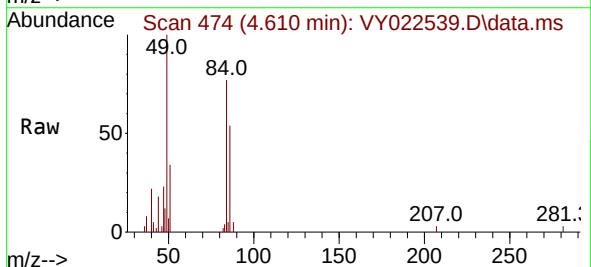
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

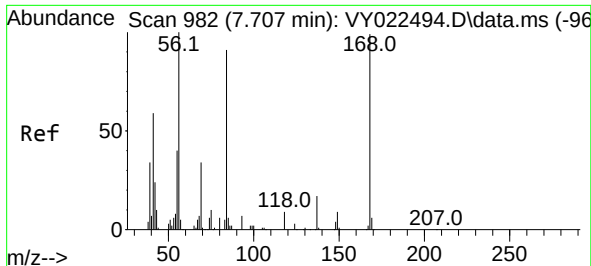
Tgt Ion:168 Resp: 271205
Ion Ratio Lower Upper
168 100
99 55.5 44.3 66.5



#20
Methylene Chloride
Concen: 2.016 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022539.D
Acq: 04 Jun 2025 10:24

Tgt Ion: 84 Resp: 7054
Ion Ratio Lower Upper
84 100
49 130.4 101.9 152.9
51 44.8 29.8 44.8#
86 71.0 51.3 76.9

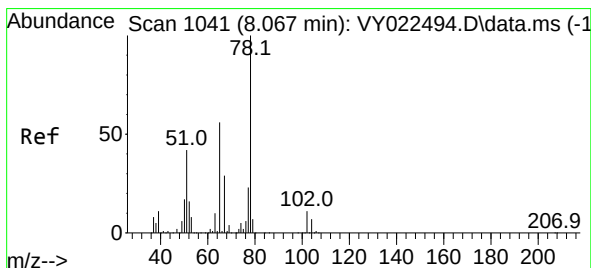
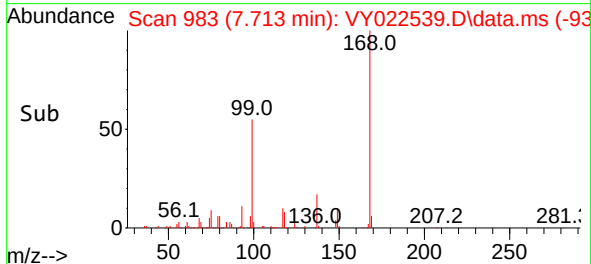
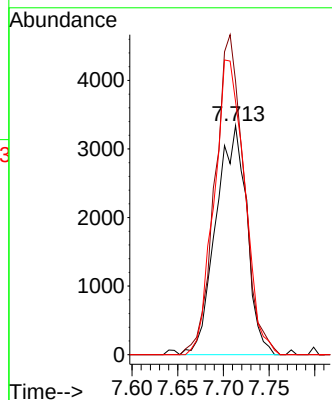
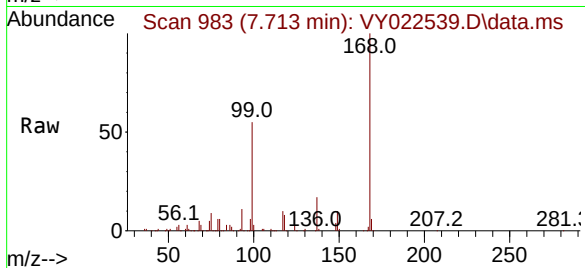




#31
Cyclohexane
Concen: 1.348 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022539.D
Acq: 04 Jun 2025 10:24

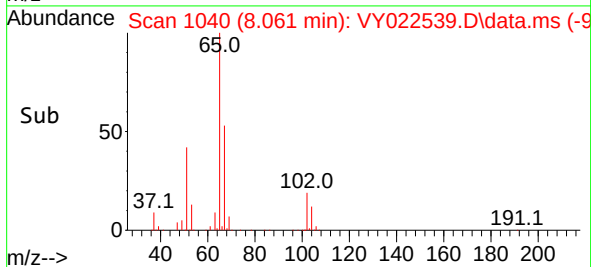
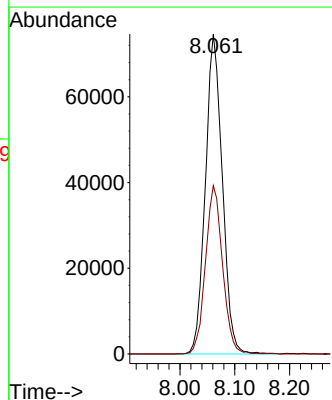
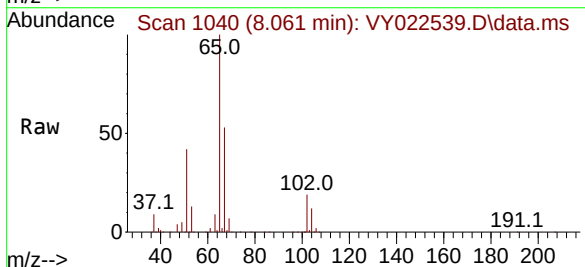
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

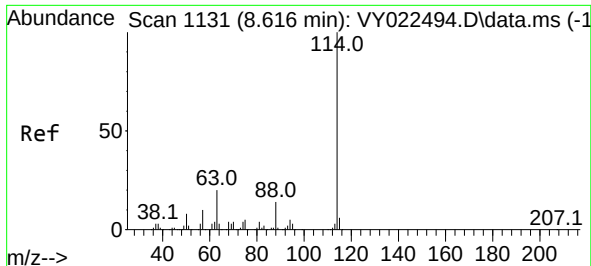
Tgt Ion: 56 Resp: 7858
Ion Ratio Lower Upper
56 100
69 119.3 27.0 40.6#
84 110.4 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 52.692 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022539.D
Acq: 04 Jun 2025 10:24

Tgt Ion: 65 Resp: 159828
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.4

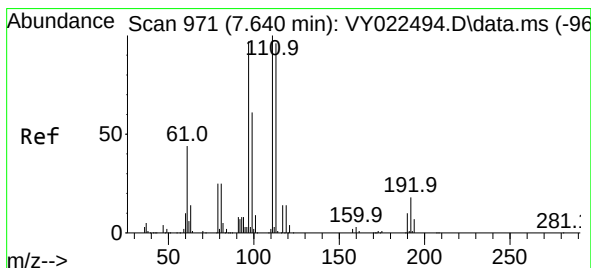
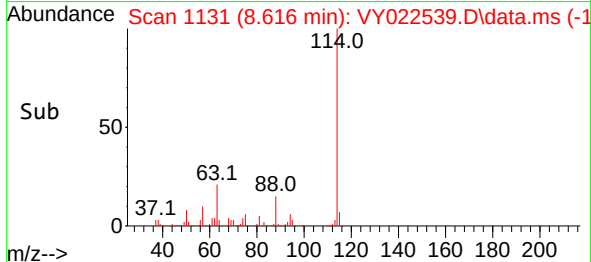
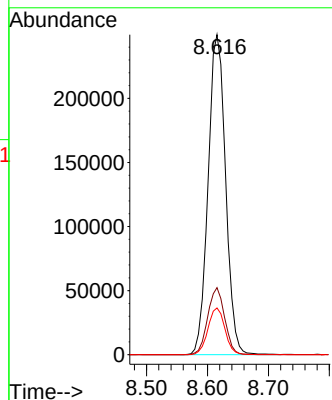
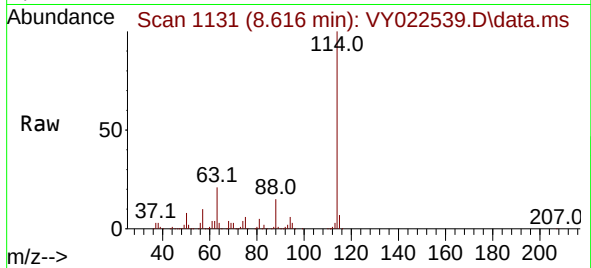




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022539.D
Acq: 04 Jun 2025 10:24

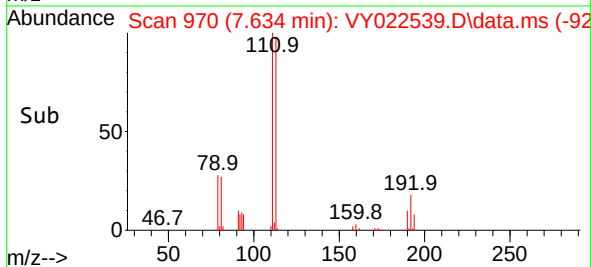
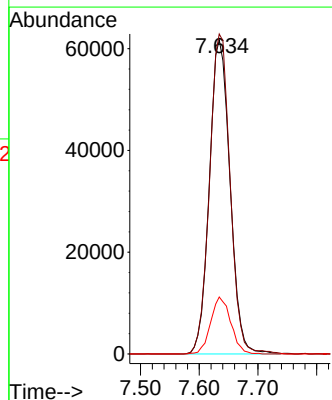
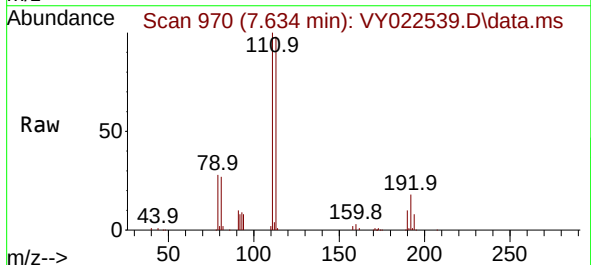
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

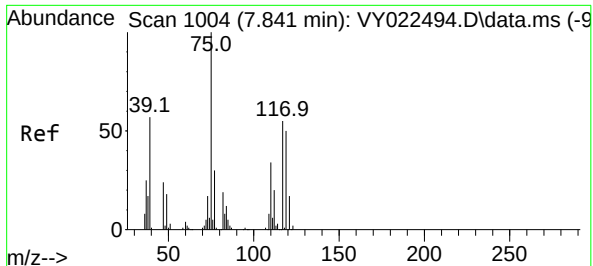
Tgt Ion:114 Resp: 498185
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 14.6 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.684 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022539.D
Acq: 04 Jun 2025 10:24

Tgt Ion:113 Resp: 150711
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 17.7 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.090 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY022539.D

Acq: 04 Jun 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBL01

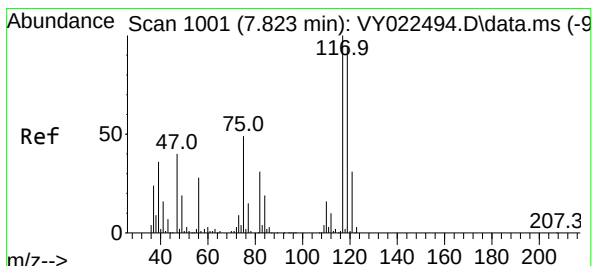
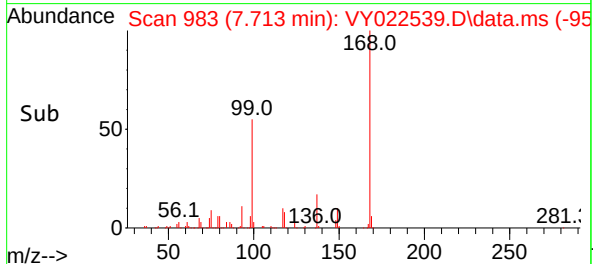
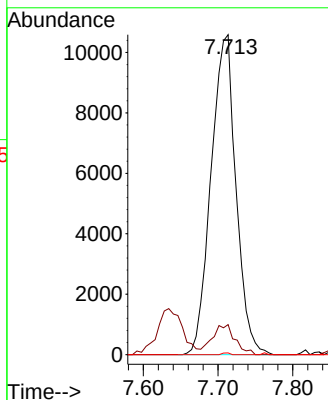
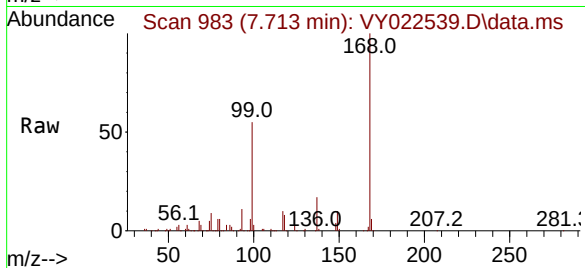
Tgt Ion: 75 Resp: 24565

Ion Ratio Lower Upper

75 100

110 8.5 16.9 50.7#

77 0.2 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.953 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY022539.D

Acq: 04 Jun 2025 10:24

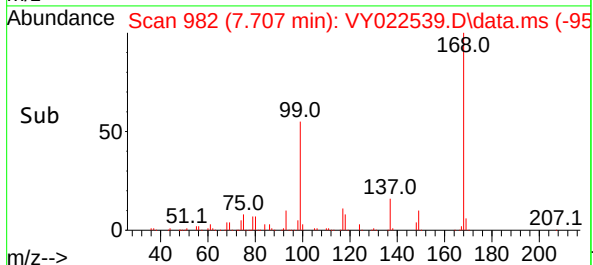
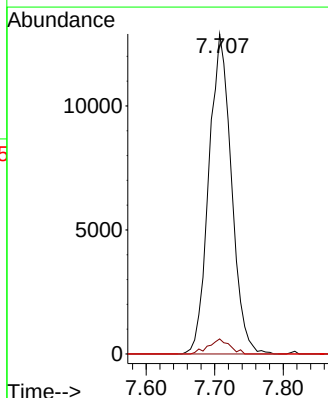
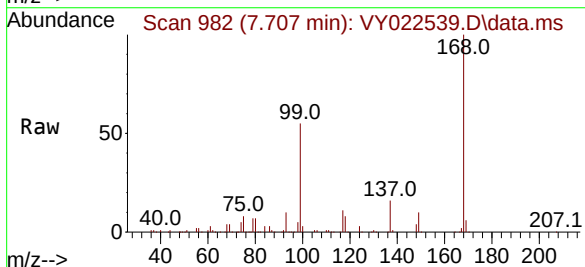
Tgt Ion: 117 Resp: 29472

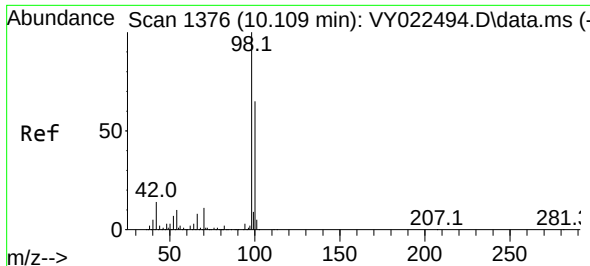
Ion Ratio Lower Upper

117 100

119 4.7 75.0 112.6#

121 0.0 25.0 37.4#

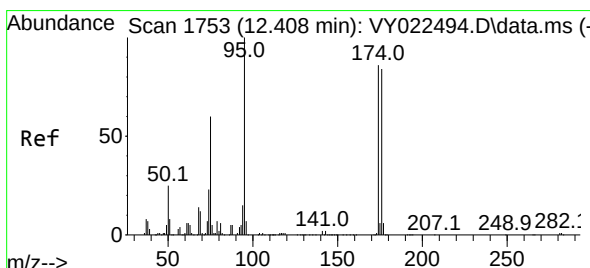
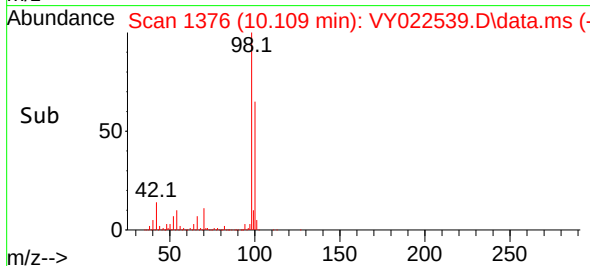
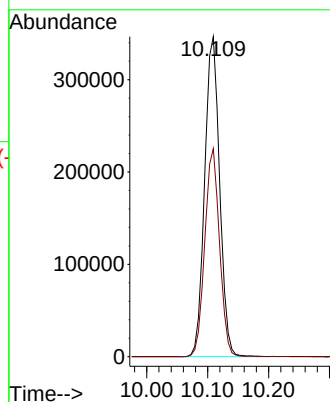
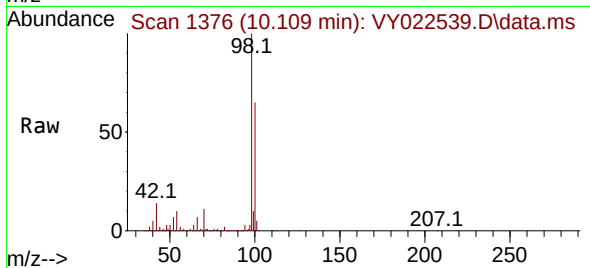




#50
Toluene-d8
Concen: 49.327 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022539.D
Acq: 04 Jun 2025 10:24

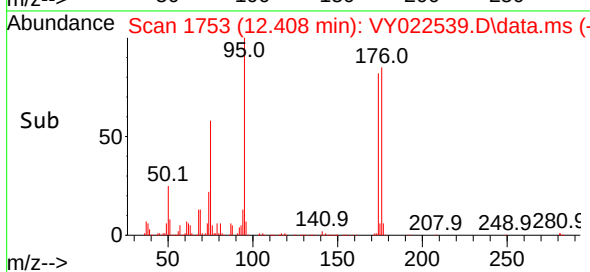
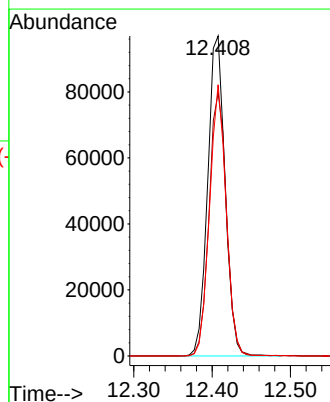
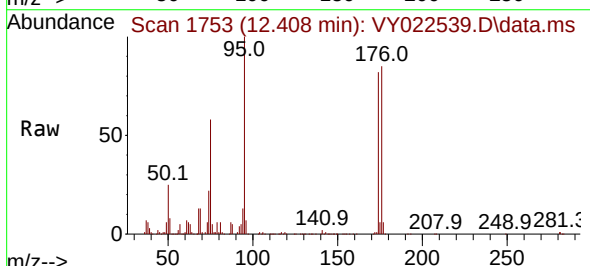
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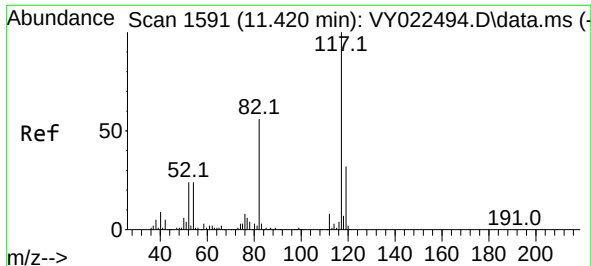
Tgt Ion: 98 Resp: 592665
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.664 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022539.D
Acq: 04 Jun 2025 10:24

Tgt Ion: 95 Resp: 149151
Ion Ratio Lower Upper
95 100
174 82.8 0.0 170.0
176 80.6 0.0 166.2

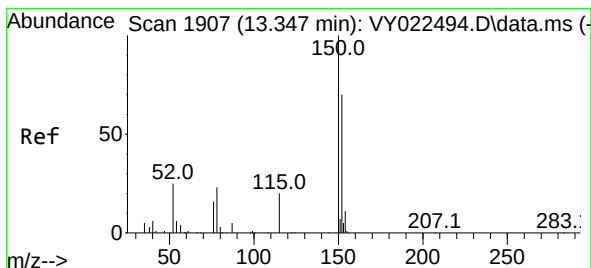
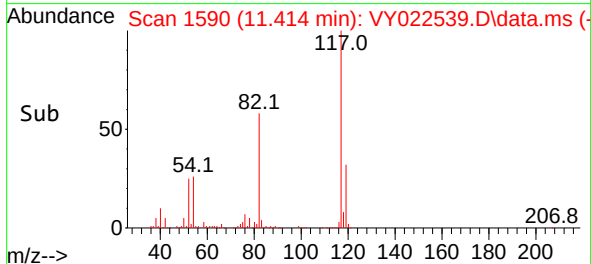
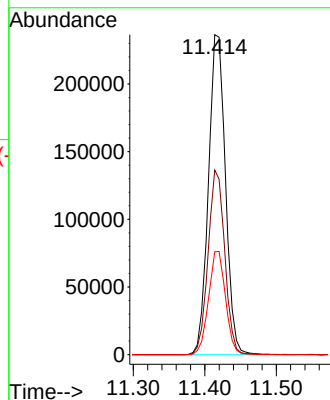
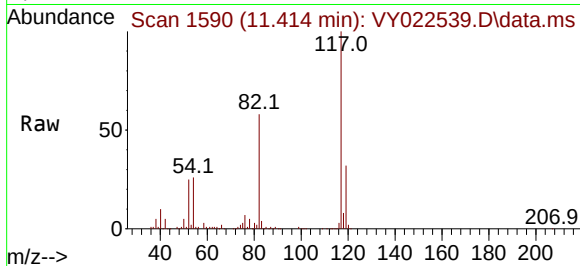




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022539.D
Acq: 04 Jun 2025 10:24

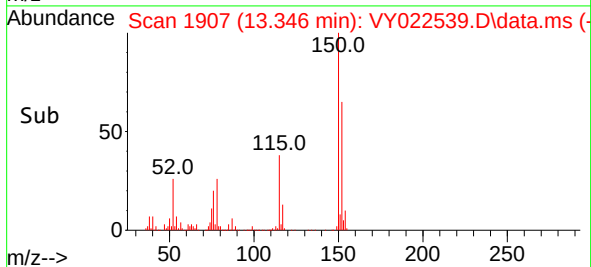
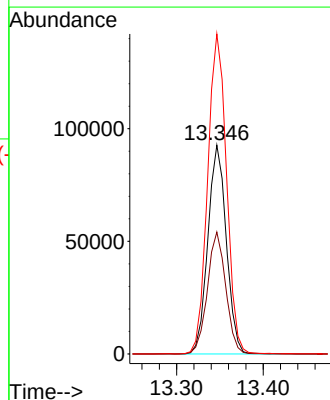
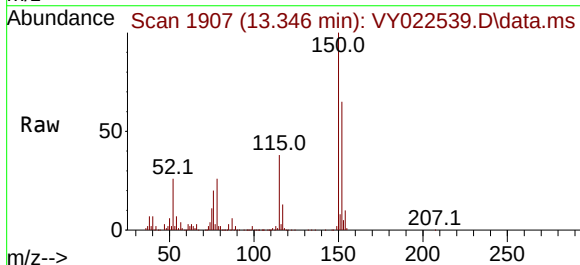
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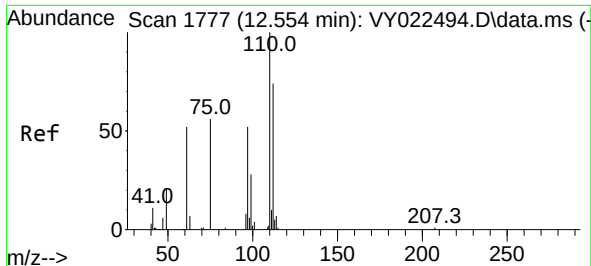
Tgt Ion:117 Resp: 390593
Ion Ratio Lower Upper
117 100
82 57.7 44.6 66.8
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022539.D
Acq: 04 Jun 2025 10:24

Tgt Ion:152 Resp: 137326
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 156.5 0.0 349.6

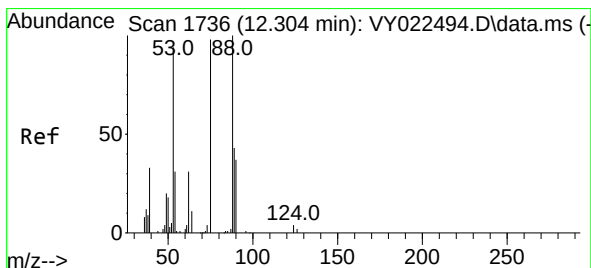
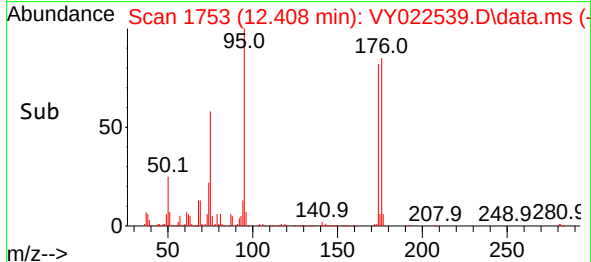
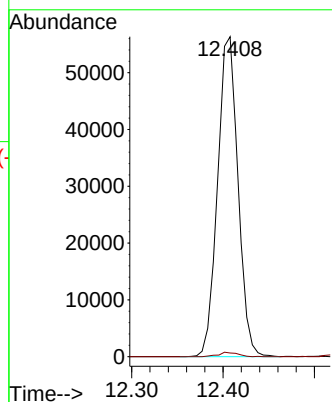
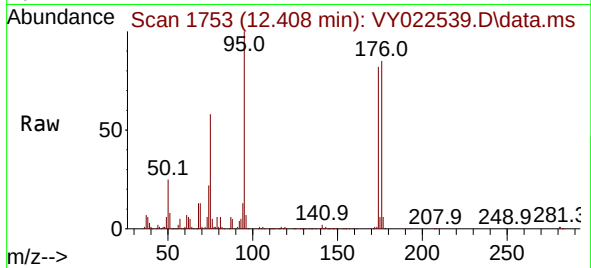




#76
1,2,3-Trichloropropane
Concen: 55.739 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY022539.D
Acq: 04 Jun 2025 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

Tgt Ion: 75 Resp: 87570
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.607 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY022539.D
Acq: 04 Jun 2025 10:24

Tgt Ion: 75 Resp: 87570
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.1 35.7 53.5#

