

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022454.D
 Acq On : 29 May 2025 08:56
 Operator : SY/MD
 Sample : VY0529SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBL01

Quant Time: May 30 05:29:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

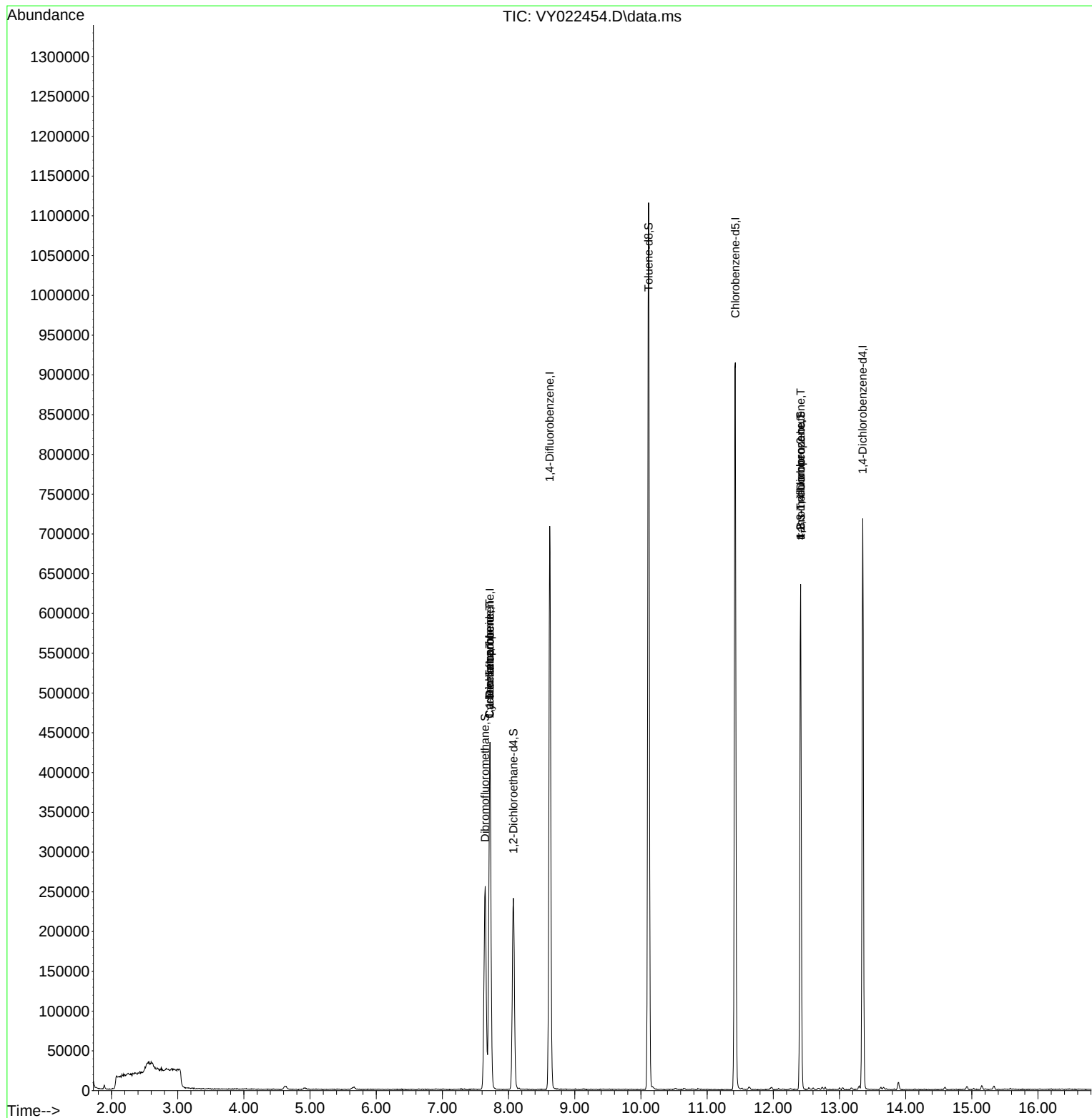
Internal Standards						
1) Pentafluorobenzene	7.719	168	320837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	584950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	455837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	159461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	180255	53.339	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 106.680%		
35) Dibromofluoromethane	7.646	113	173894	50.762	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 101.520%		
50) Toluene-d8	10.115	98	699660	50.101	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 100.200%		
62) 4-Bromofluorobenzene	12.413	95	172737	40.893	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 81.780%		
Target Compounds						Qvalue
31) Cyclohexane	7.713	56	8929	1.374	ug/l #	29
36) 1,1-Dichloropropene	7.713	75	27867	5.126	ug/l #	50
38) Carbon Tetrachloride	7.713	117	33445	5.906	ug/l #	16
76) 1,2,3-Trichloropropane	12.413	75	103881	65.037	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.413	75	103881	147.078	ug/l #	12

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

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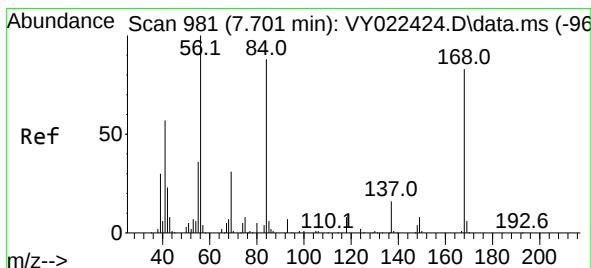
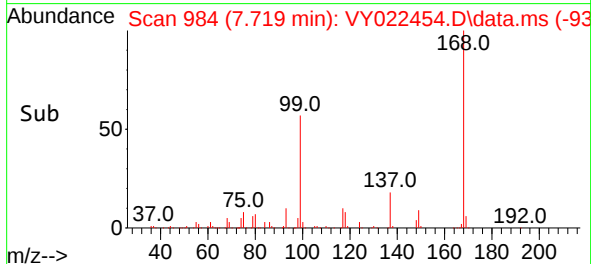
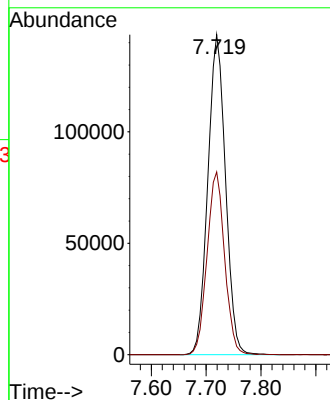
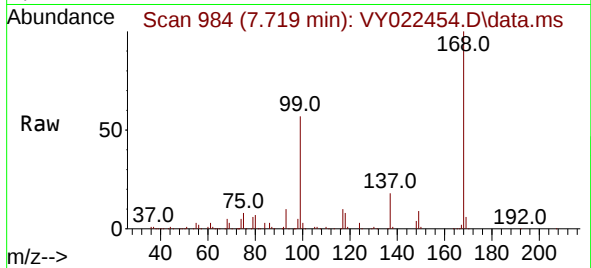




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022454.D
Acq: 29 May 2025 08:56

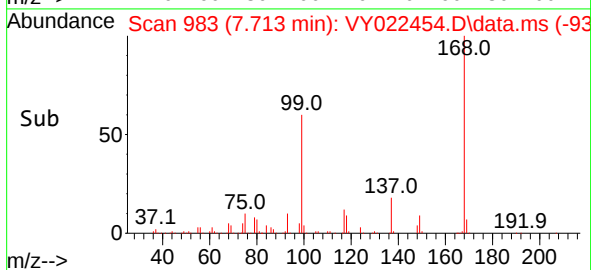
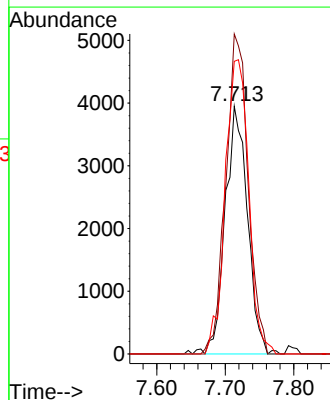
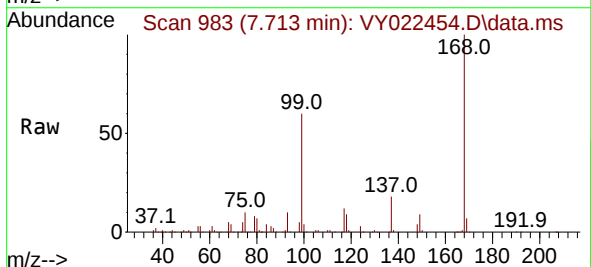
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBL01

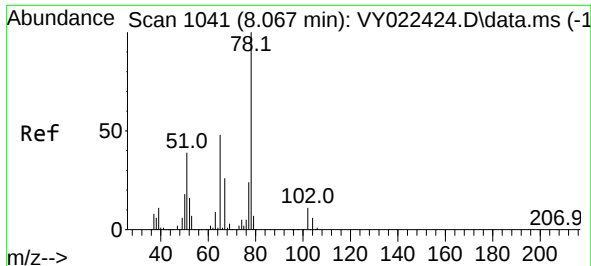
Tgt Ion:168 Resp: 320837
Ion Ratio Lower Upper
168 100
99 57.1 44.7 67.1



#31
Cyclohexane
Concen: 1.374 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY022454.D
Acq: 29 May 2025 08:56

Tgt Ion: 56 Resp: 8929
Ion Ratio Lower Upper
56 100
69 129.2 24.6 36.8#
84 118.1 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 53.339 ug/l

RT: 8.073 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022454.D

Acq: 29 May 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

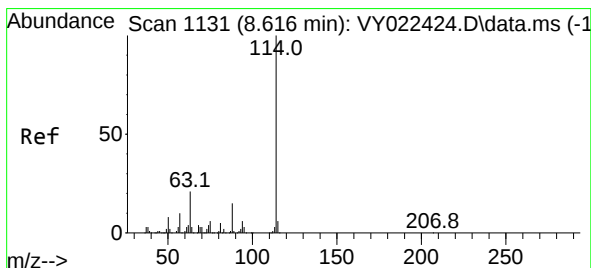
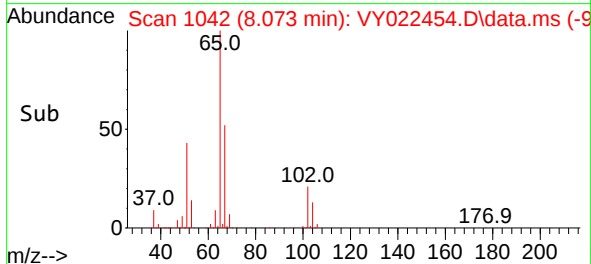
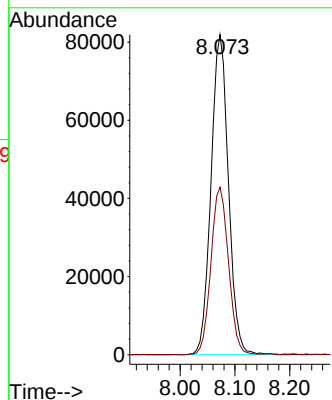
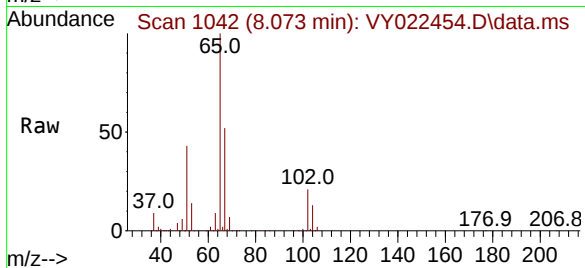
VY0529SBL01

Tgt Ion: 65 Resp: 180255

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022454.D

Acq: 29 May 2025 08:56

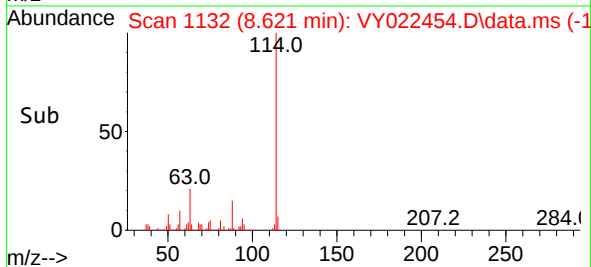
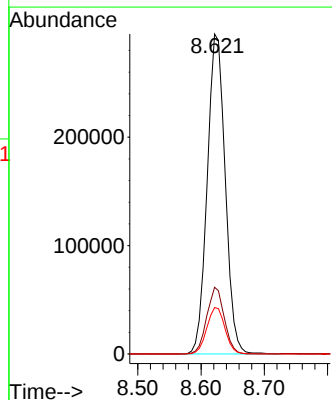
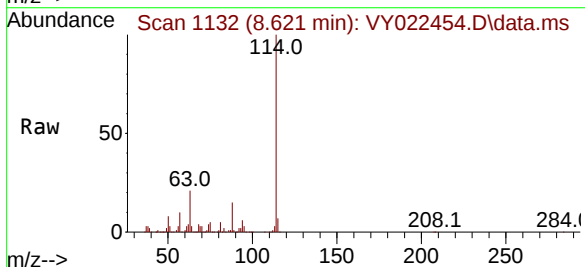
Tgt Ion:114 Resp: 584950

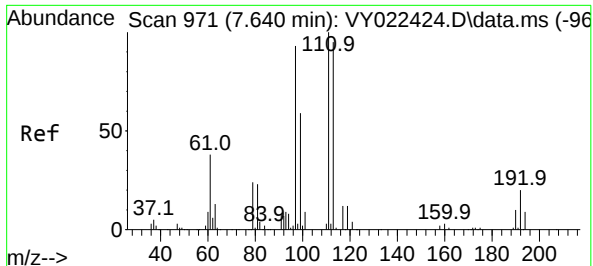
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 14.5 0.0 29.4

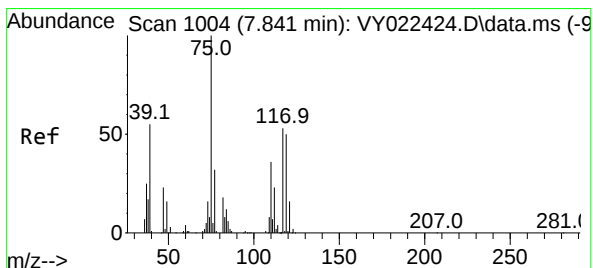
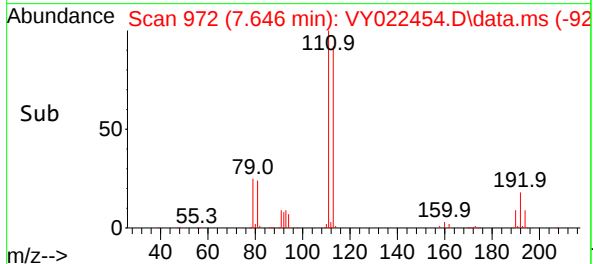
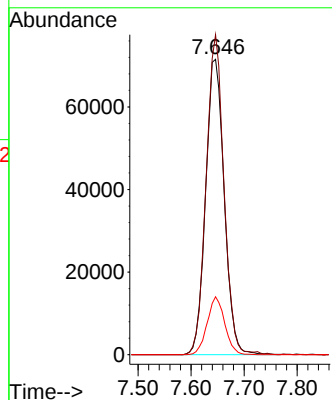
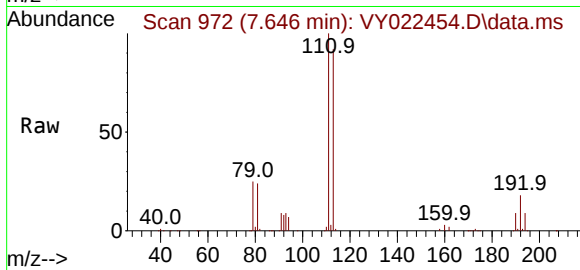




#35
Dibromofluoromethane
Concen: 50.762 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022454.D
Acq: 29 May 2025 08:56

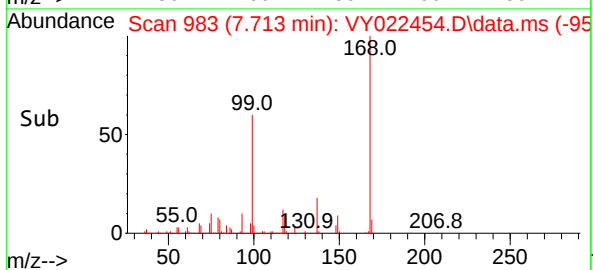
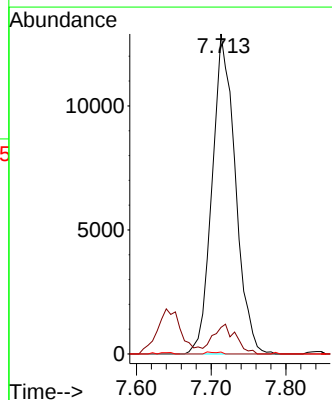
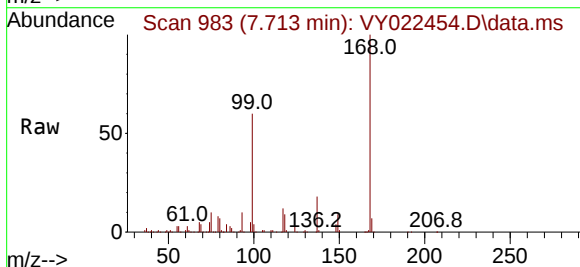
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBL01

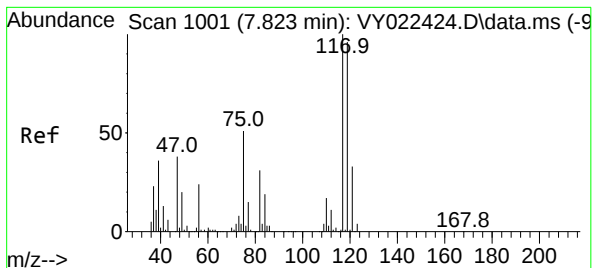
Tgt Ion:113 Resp: 173894
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 18.6 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.126 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY022454.D
Acq: 29 May 2025 08:56

Tgt Ion: 75 Resp: 27867
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.906 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY022454.D

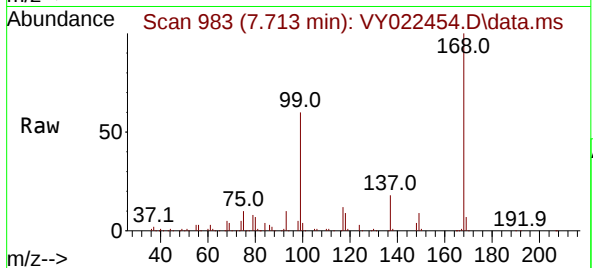
Acq: 29 May 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBL01



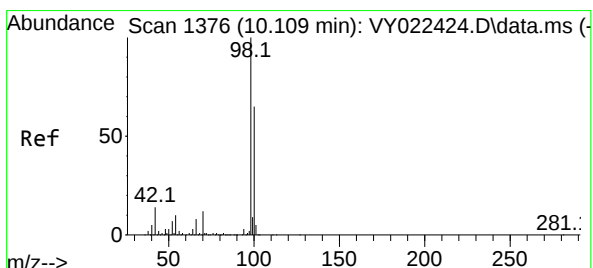
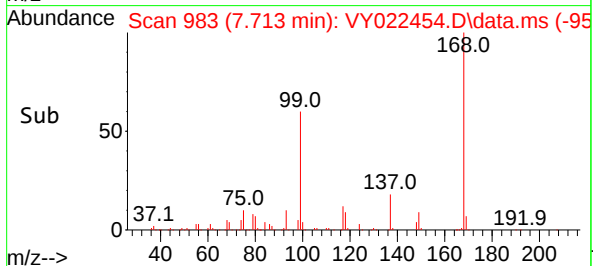
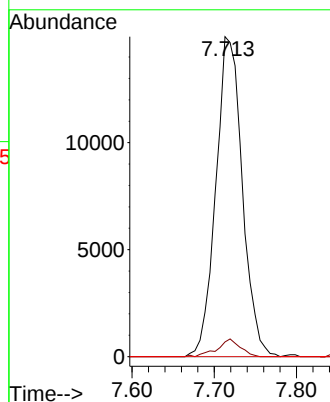
Tgt Ion:117 Resp: 33445

Ion Ratio Lower Upper

117 100

119 4.6 76.3 114.5#

121 0.0 26.1 39.1#



#50

Toluene-d8

Concen: 50.101 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY022454.D

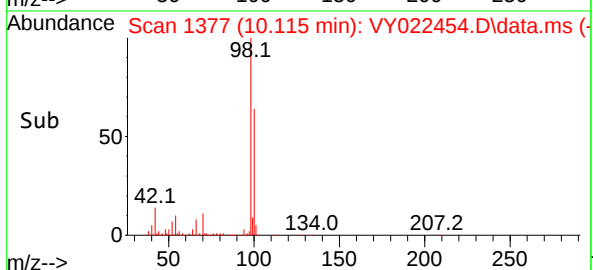
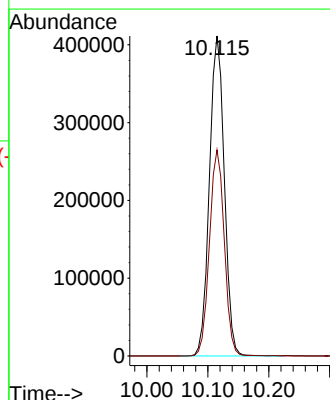
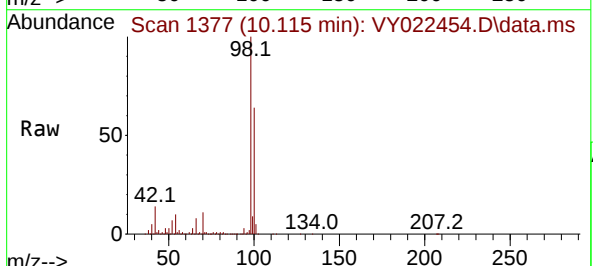
Acq: 29 May 2025 08:56

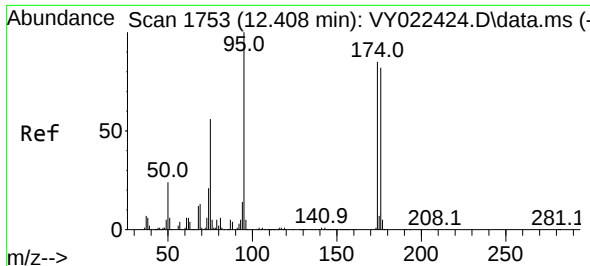
Tgt Ion: 98 Resp: 699660

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2

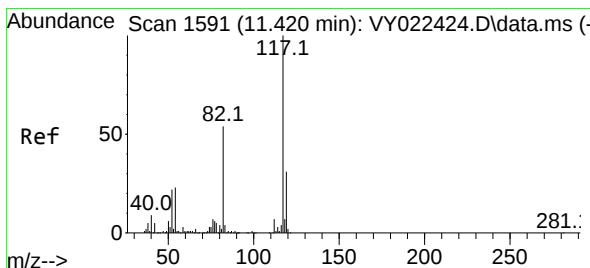
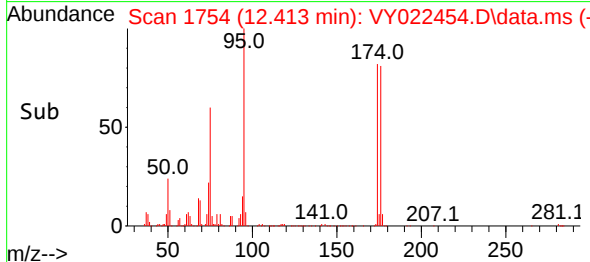
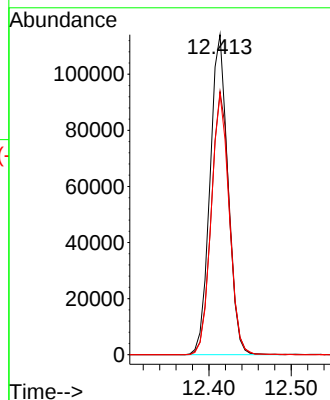
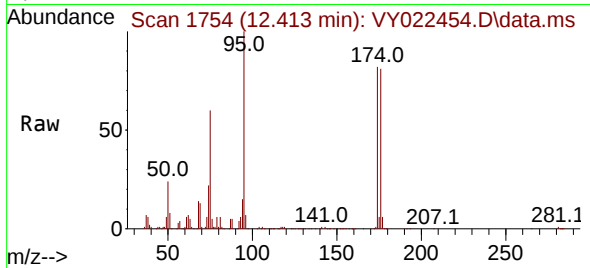




#62
4-Bromofluorobenzene
Concen: 40.893 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY022454.D
Acq: 29 May 2025 08:56

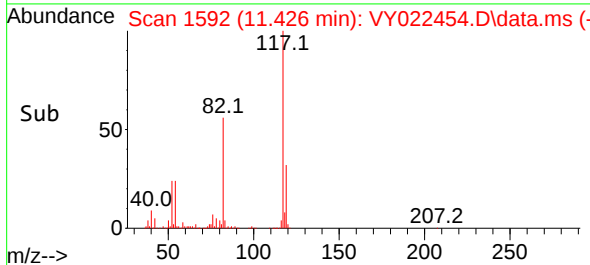
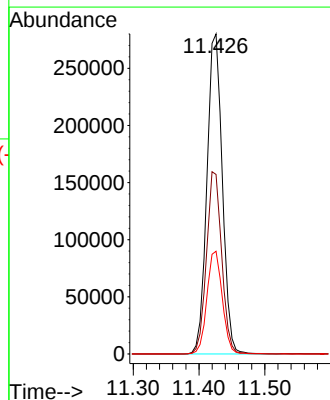
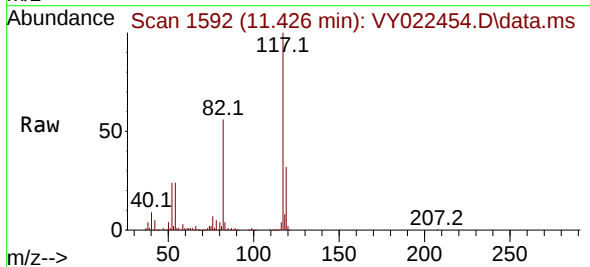
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBL01

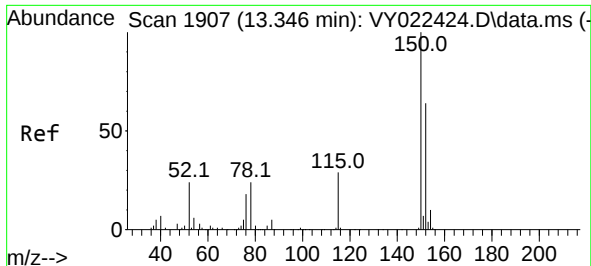
Tgt Ion: 95 Resp: 172737
Ion Ratio Lower Upper
95 100
174 83.6 0.0 171.6
176 81.5 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY022454.D
Acq: 29 May 2025 08:56

Tgt Ion: 117 Resp: 455837
Ion Ratio Lower Upper
117 100
82 56.1 43.3 64.9
119 32.1 24.5 36.7

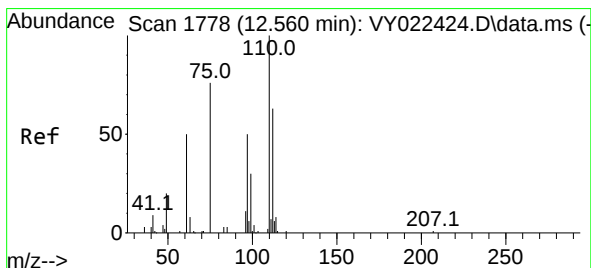
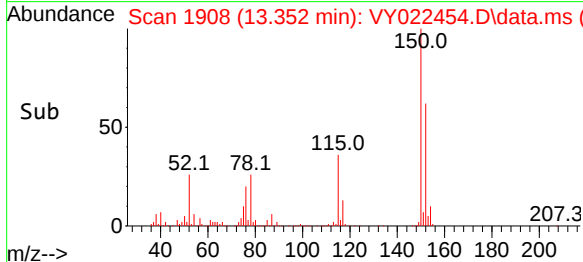
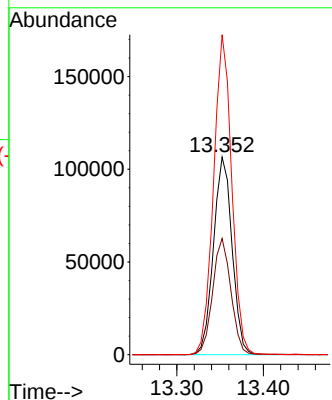
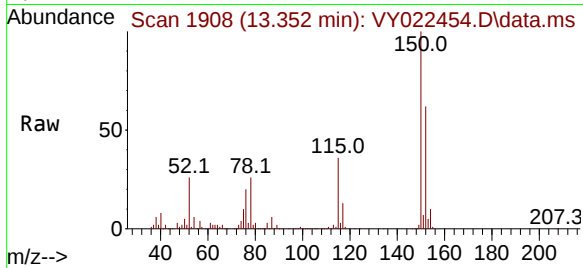




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY022454.D
 Acq: 29 May 2025 08:56

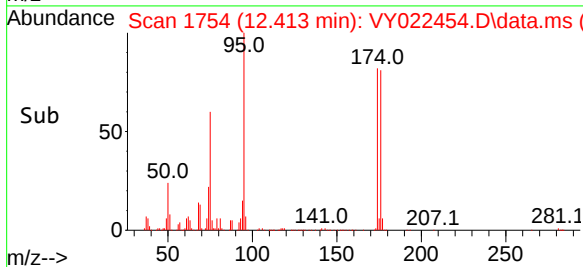
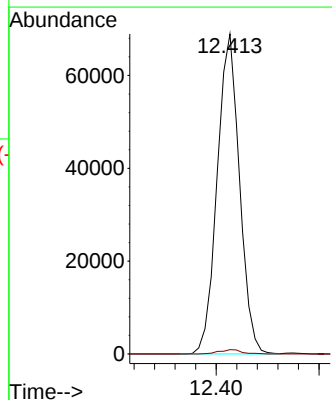
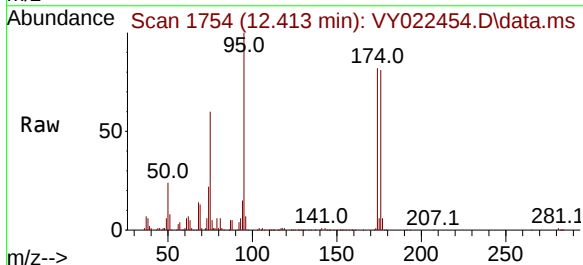
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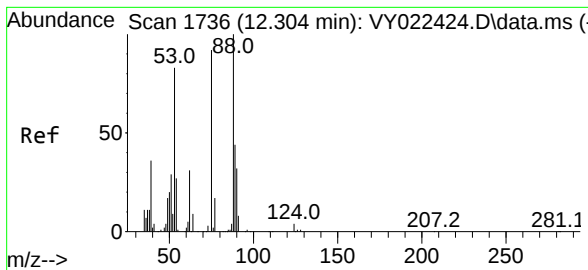
Tgt Ion:152 Resp: 159461
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.4 85.3
 150 157.8 0.0 345.8



#76
 1,2,3-Trichloropropane
 Concen: 65.037 ug/l
 RT: 12.413 min Scan# 1754
 Delta R.T. -0.147 min
 Lab File: VY022454.D
 Acq: 29 May 2025 08:56

Tgt Ion: 75 Resp: 103881
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.078 ug/l
 RT: 12.413 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY022454.D
 Acq: 29 May 2025 08:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBL01

Tgt Ion: 75 Resp: 103881
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.1 112.7#
 89 0.0 37.4 56.0#

