

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023571.D
 Acq On : 24 Oct 2025 14:28
 Operator : SY/MD
 Sample : Q3434-01
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-WC1-20251022

Quant Time: Oct 24 23:51:33 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)

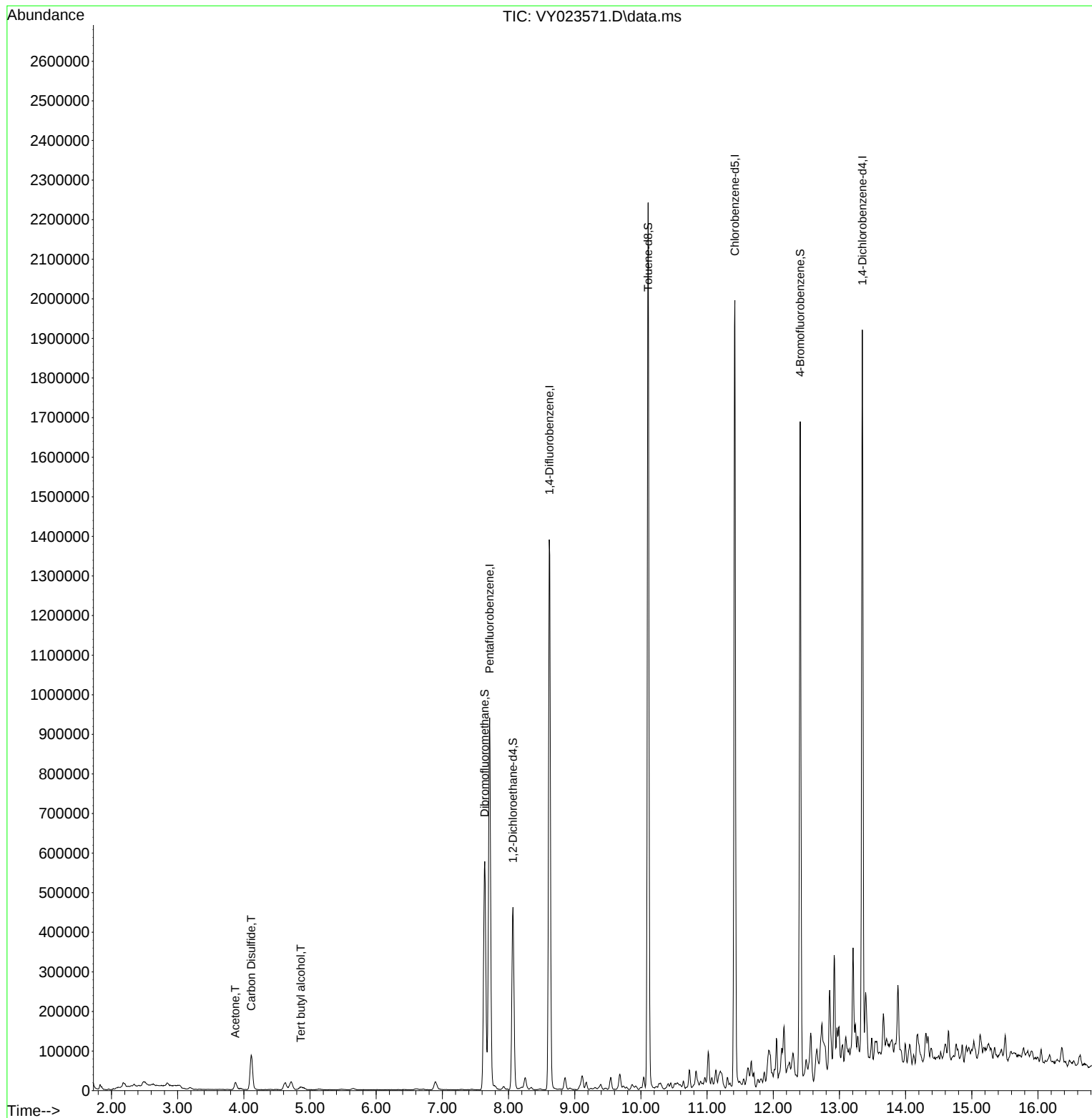
Internal Standards						
1) Pentafluorobenzene	7.713	168	800623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1311862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1147899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	505336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	356186	53.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.400%	
35) Dibromofluoromethane	7.640	113	414087	51.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.740%	
50) Toluene-d8	10.109	98	1480778	49.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	12.408	95	463137	46.731	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.460%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.860	59	13608	27.322	ug/l #	92
16) Acetone	3.872	43	31826	19.968	ug/l	98
17) Carbon Disulfide	4.110	76	184454	9.024	ug/l	98

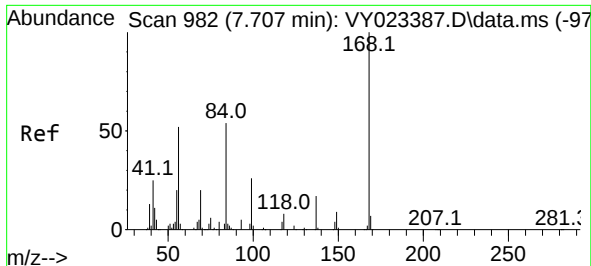
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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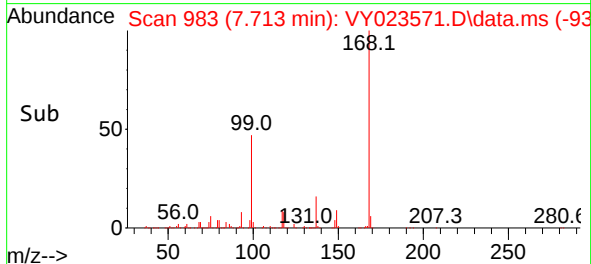
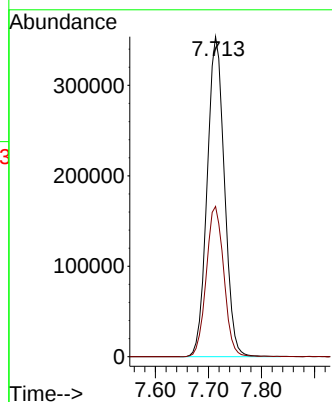
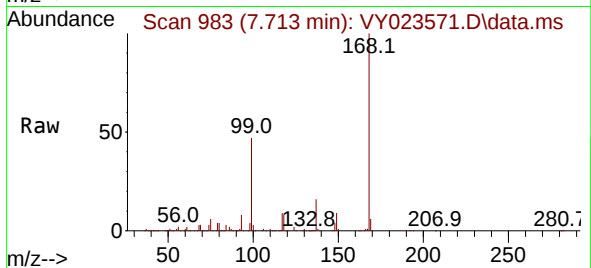




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023571.D
Acq: 24 Oct 2025 14:28

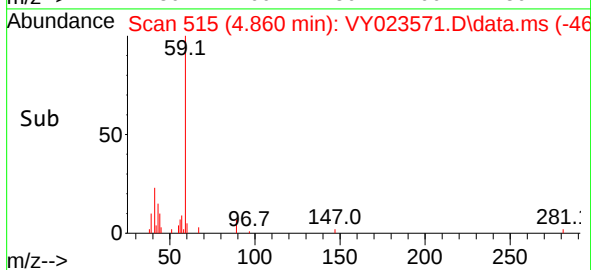
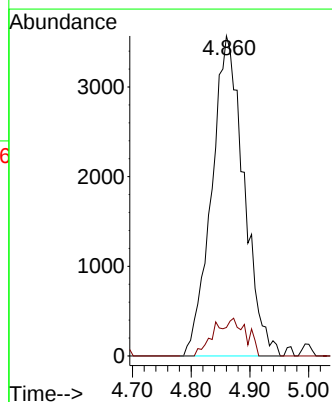
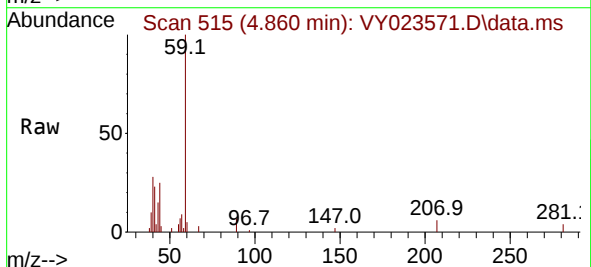
Instrument :
MSVOA_Y
ClientSampleId :
PR132-WC1-20251022

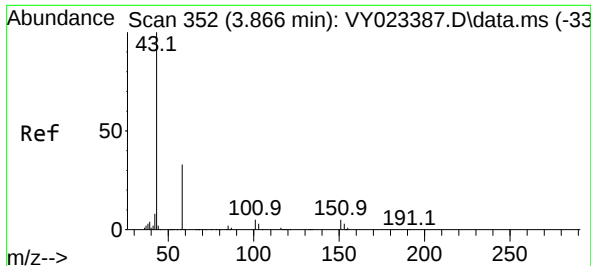
Tgt Ion:168 Resp: 800623
Ion Ratio Lower Upper
168 100
99 47.0 39.7 59.5



#11
Tert butyl alcohol
Concen: 27.322 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023571.D
Acq: 24 Oct 2025 14:28

Tgt Ion: 59 Resp: 13608
Ion Ratio Lower Upper
59 100
57 7.2 8.3 12.5#





#16

Acetone

Concen: 19.968 ug/l

RT: 3.872 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY023571.D

Acq: 24 Oct 2025 14:28

Instrument :

MSVOA_Y

ClientSampleId :

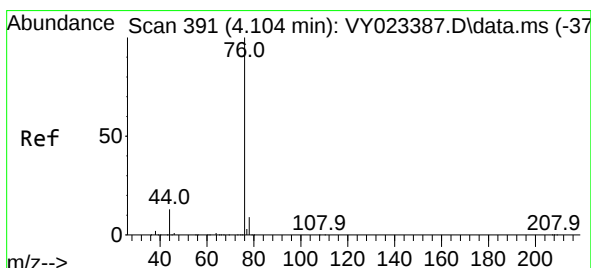
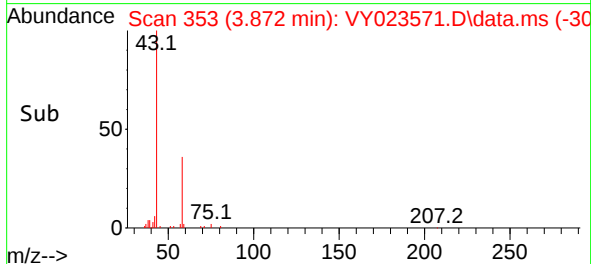
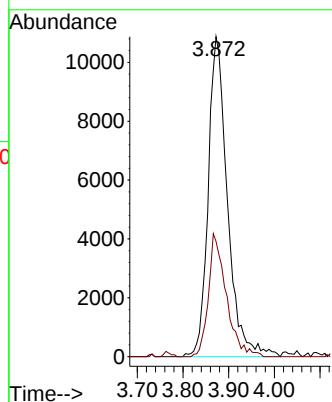
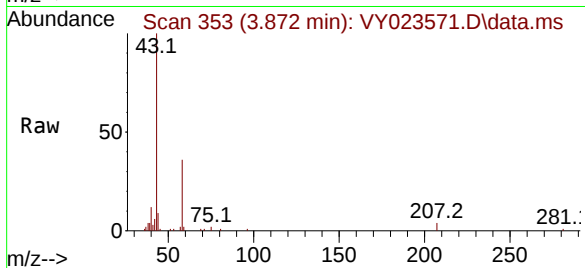
PR132-WC1-20251022

Tgt Ion: 43 Resp: 31826

Ion Ratio Lower Upper

43 100

58 36.0 27.7 41.5



#17

Carbon Disulfide

Concen: 9.024 ug/l

RT: 4.110 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY023571.D

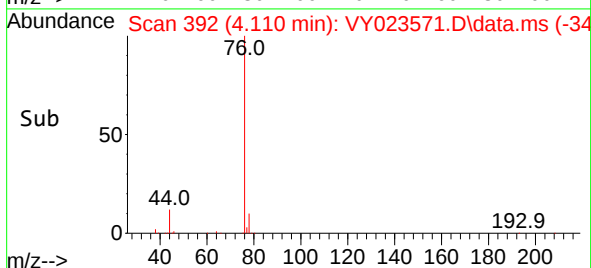
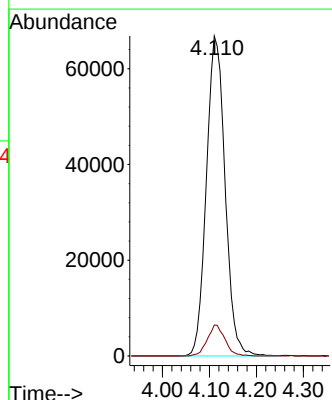
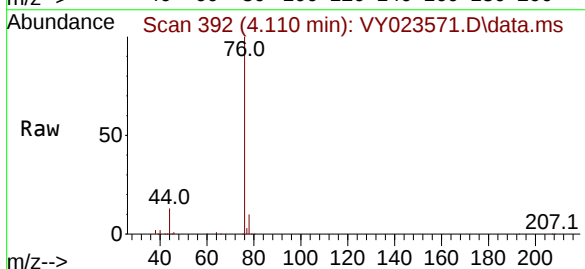
Acq: 24 Oct 2025 14:28

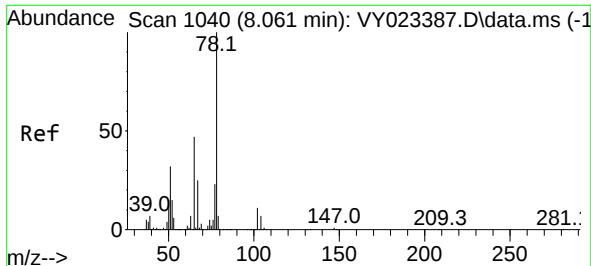
Tgt Ion: 76 Resp: 184454

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9





#33

1,2-Dichloroethane-d4

Concen: 53.202 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023571.D

Acq: 24 Oct 2025 14:28

Instrument :

MSVOA_Y

ClientSampleId :

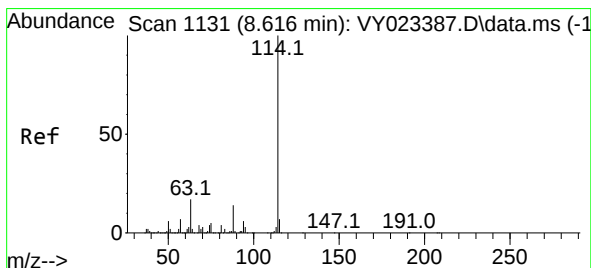
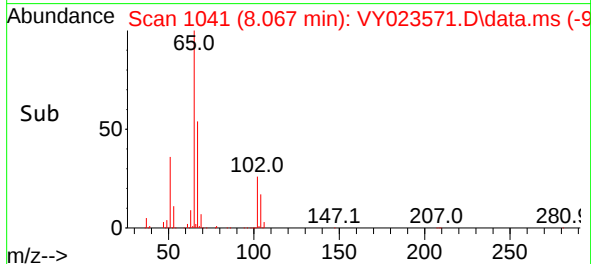
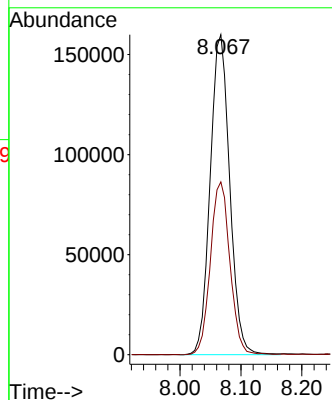
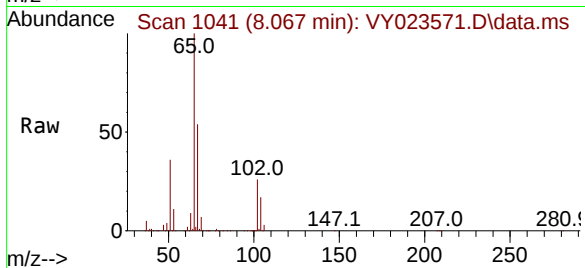
PR132-WC1-20251022

Tgt Ion: 65 Resp: 356186

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023571.D

Acq: 24 Oct 2025 14:28

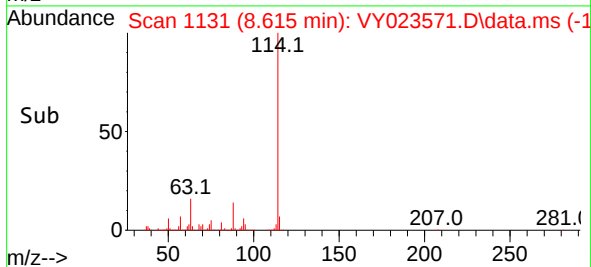
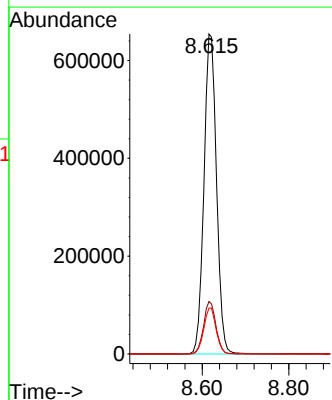
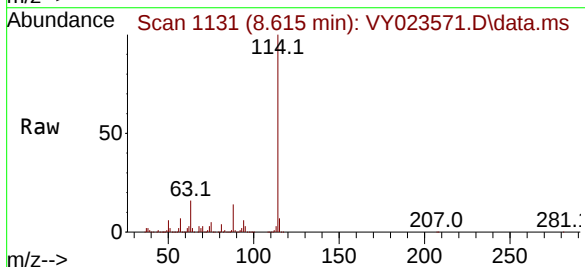
Tgt Ion: 114 Resp: 1311862

Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.2

88 14.3 0.0 28.4

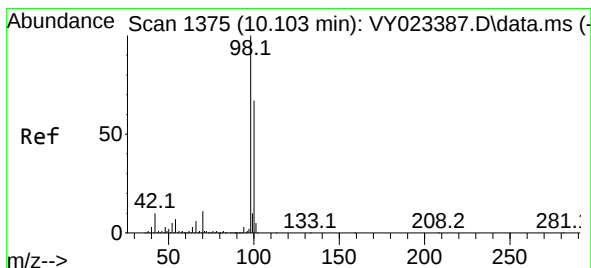
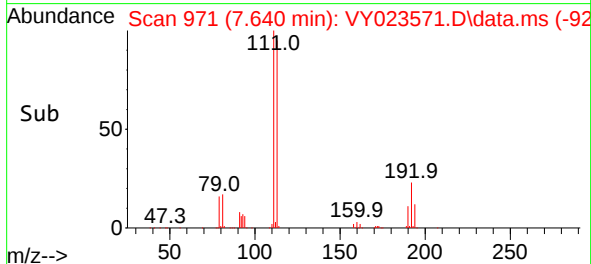
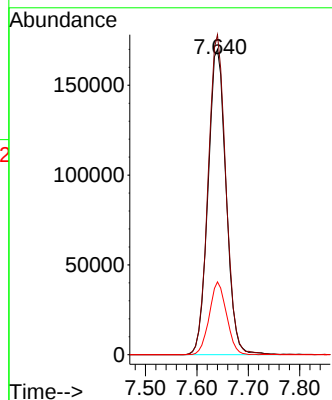
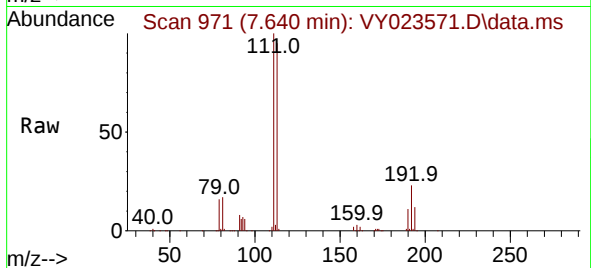




#35
Dibromofluoromethane
Concen: 51.371 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023571.D
Acq: 24 Oct 2025 14:28

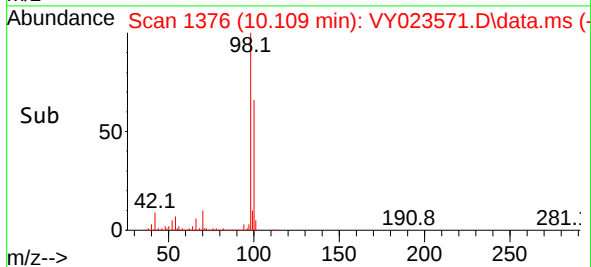
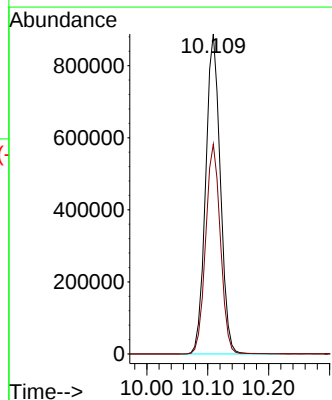
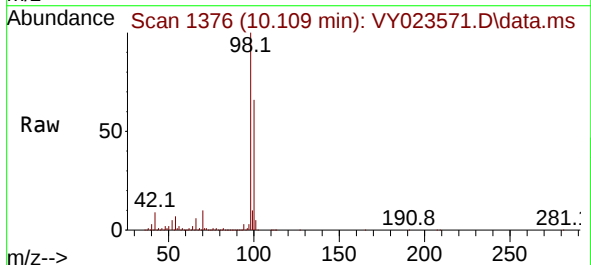
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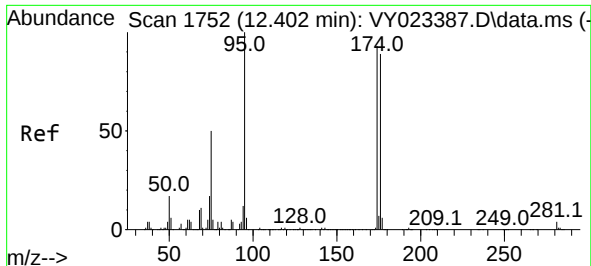
Tgt Ion:113 Resp: 414087
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 22.8 18.0 27.0



#50
Toluene-d8
Concen: 49.328 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023571.D
Acq: 24 Oct 2025 14:28

Tgt Ion: 98 Resp: 1480778
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4

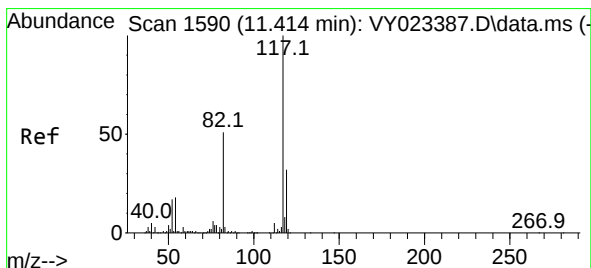
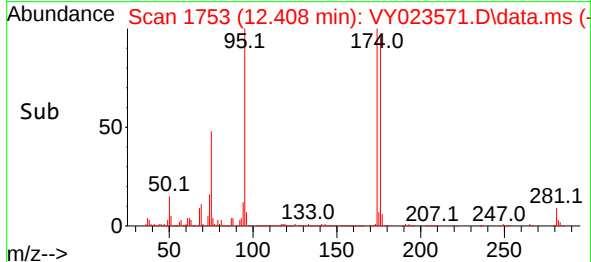
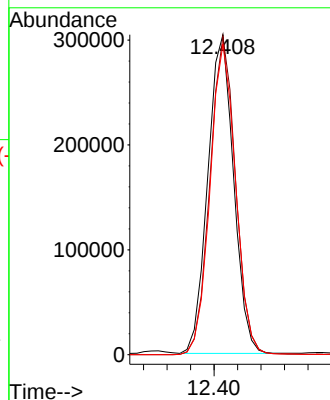
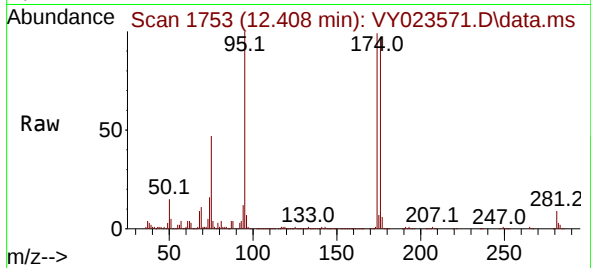




#62
4-Bromofluorobenzene
Concen: 46.731 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023571.D
Acq: 24 Oct 2025 14:28

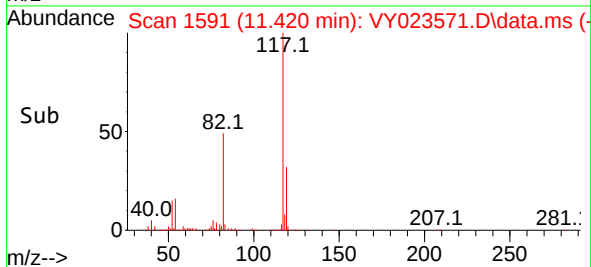
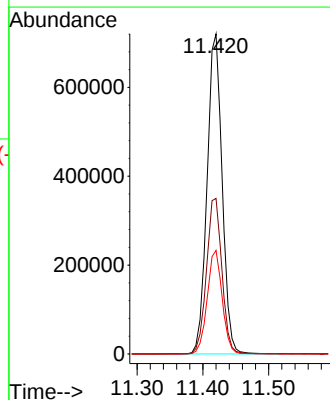
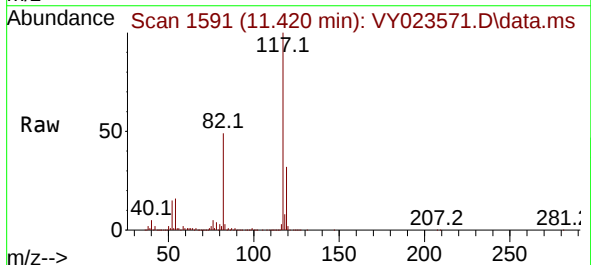
Instrument :
MSVOA_Y
ClientSampleId :
PR132-WC1-20251022

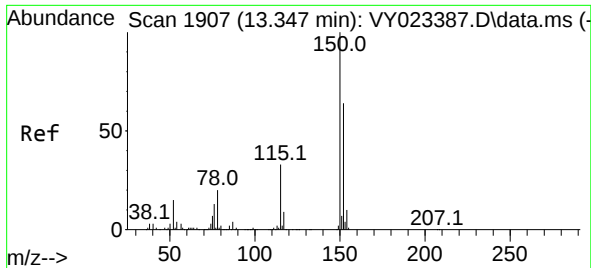
Tgt Ion: 95 Resp: 463137
Ion Ratio Lower Upper
95 100
174 99.3 0.0 192.8
176 96.5 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023571.D
Acq: 24 Oct 2025 14:28

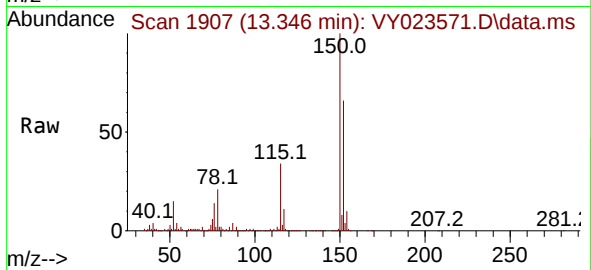
Tgt Ion: 117 Resp: 1147899
Ion Ratio Lower Upper
117 100
82 48.5 41.0 61.4
119 32.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY023571.D
 Acq: 24 Oct 2025 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-WC1-20251022



Tgt Ion:152 Resp: 505336
 Ion Ratio Lower Upper
 152 100
 115 53.6 27.1 81.2
 150 155.4 0.0 347.4

