

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022468.D
 Acq On : 29 May 2025 15:33
 Operator : SY/MD
 Sample : Q2150-09
 Misc : 7.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-54

Quant Time: May 30 05:36:11 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)

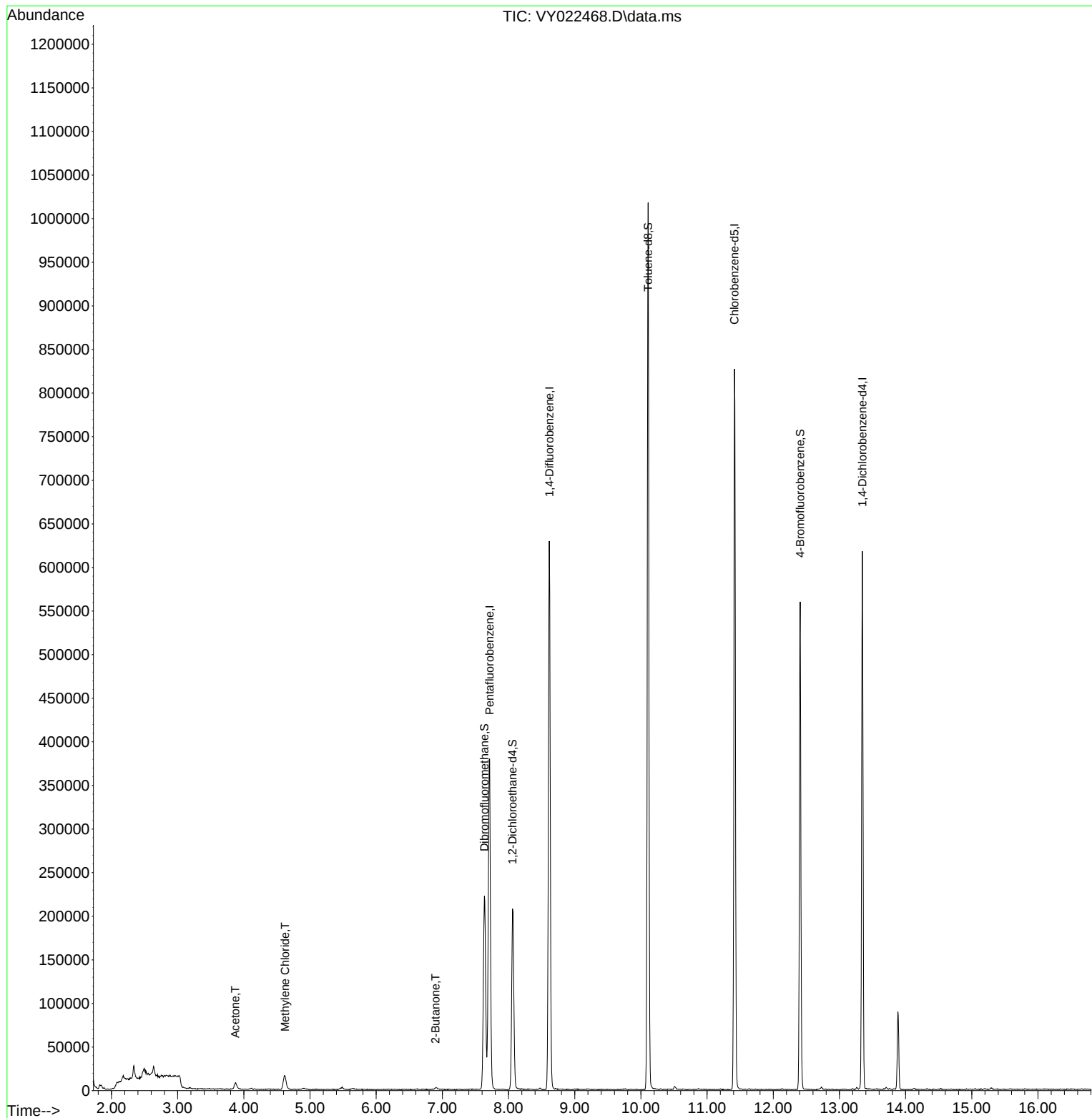
Internal Standards						
1) Pentafluorobenzene	7.713	168	283443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	517546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	406523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	140553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156979	52.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.160%	
35) Dibromofluoromethane	7.634	113	153619	50.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.360%	
50) Toluene-d8	10.109	98	623100	50.430	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.408	95	148270	39.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.340%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	14067	28.673	ug/l	93
20) Methylene Chloride	4.623	84	11504	3.321	ug/l	97
25) 2-Butanone	6.897	43	3275	4.008	ug/l	99

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

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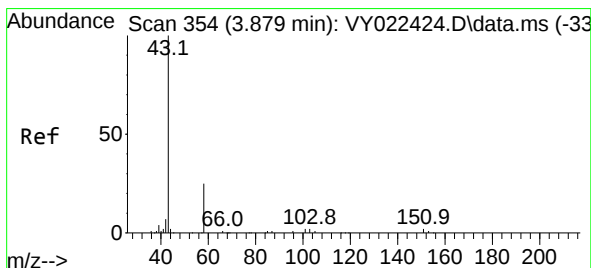
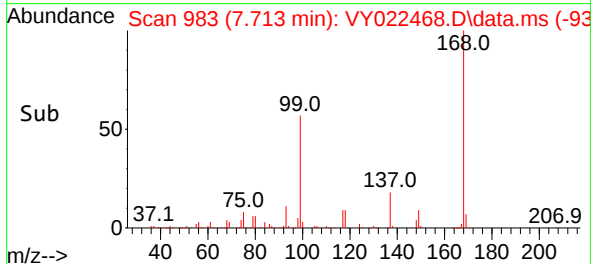
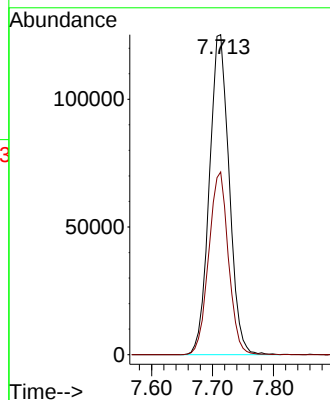
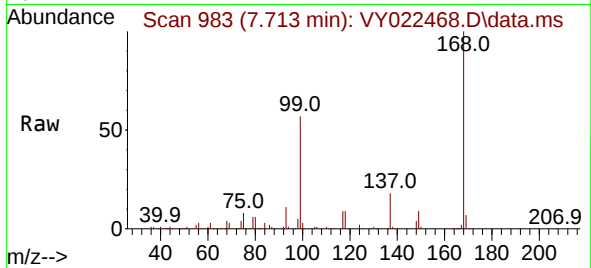




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

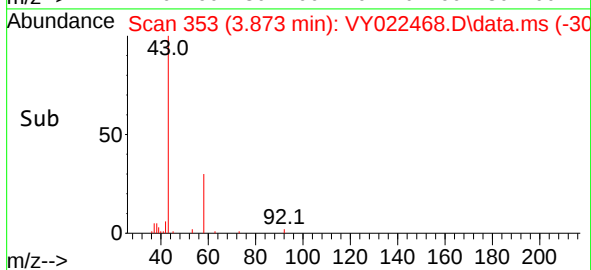
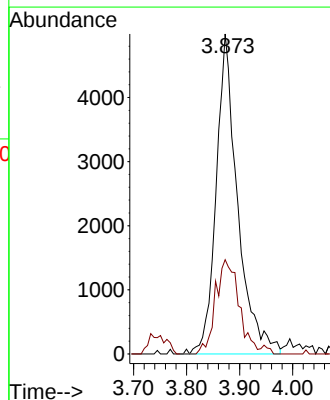
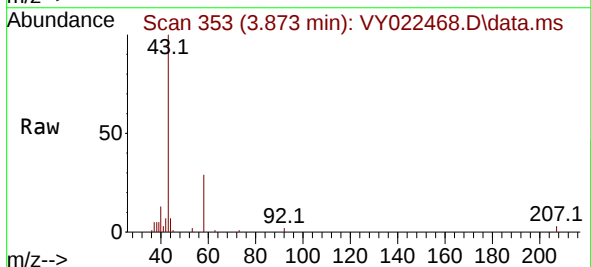
Instrument :
MSVOA_Y
ClientSampleId :
TP-54

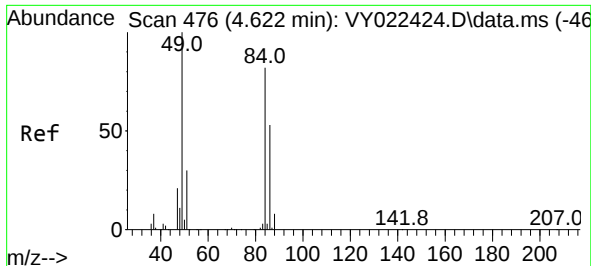
Tgt Ion:168 Resp: 283443
Ion Ratio Lower Upper
168 100
99 57.1 44.7 67.1



#16
Acetone
Concen: 28.673 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

Tgt Ion: 43 Resp: 14067
Ion Ratio Lower Upper
43 100
58 29.4 20.6 30.8

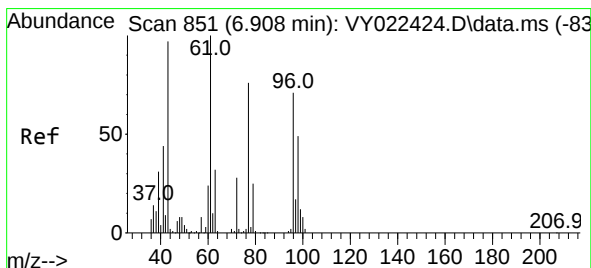
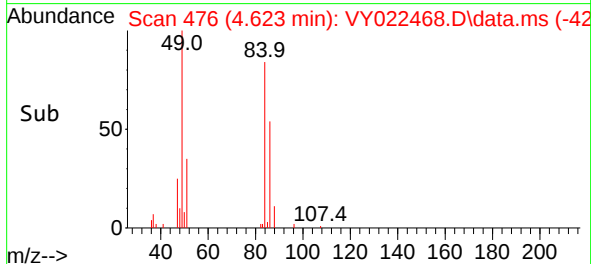
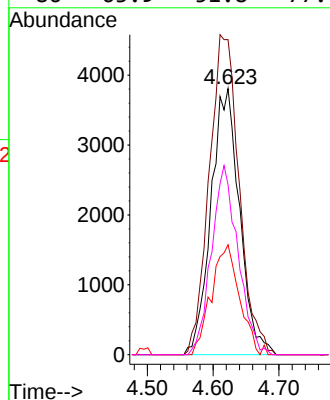
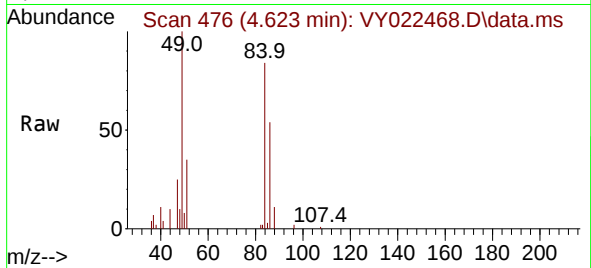




#20
Methylene Chloride
Concen: 3.321 ug/l
RT: 4.623 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

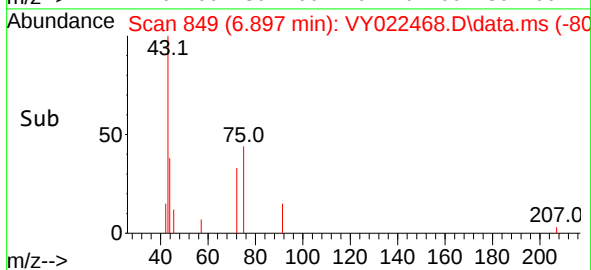
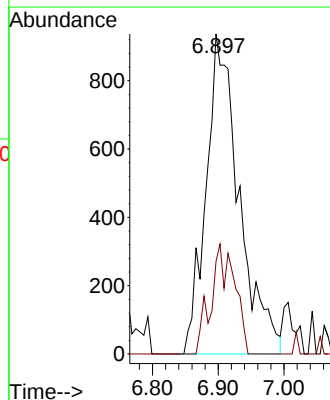
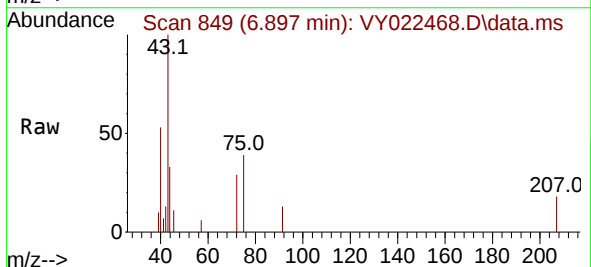
Instrument :
MSVOA_Y
ClientSampleId :
TP-54

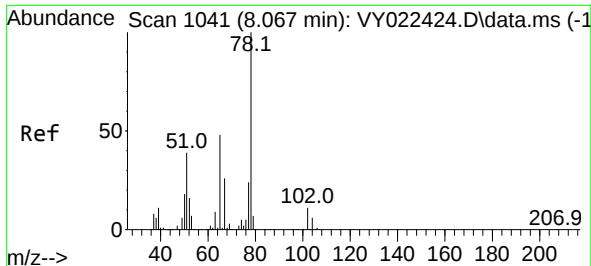
Tgt Ion:	84	Resp:	11504
Ion	Ratio	Lower	Upper
84	100		
49	118.4	97.8	146.8
51	41.3	29.5	44.3
86	63.9	51.8	77.6



#25
2-Butanone
Concen: 4.008 ug/l
RT: 6.897 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

Tgt Ion:	43	Resp:	3275
Ion	Ratio	Lower	Upper
43	100		
72	29.0	22.8	34.2





#33

1,2-Dichloroethane-d4

Concen: 52.580 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022468.D

Acq: 29 May 2025 15:33

Instrument :

MSVOA_Y

ClientSampleId :

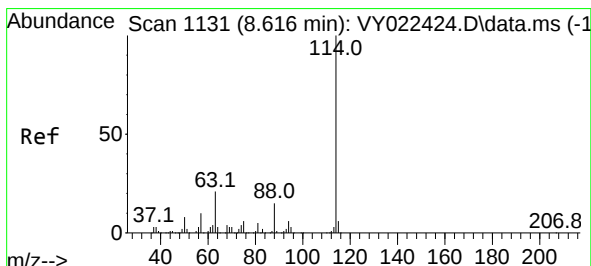
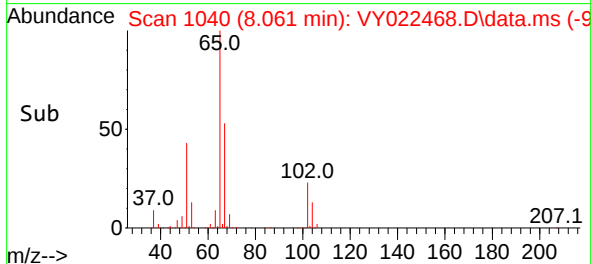
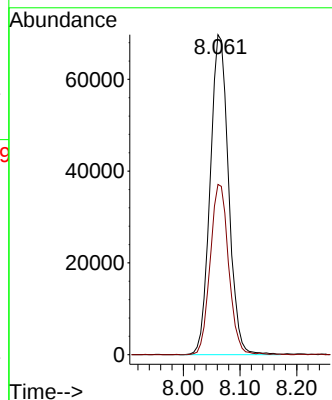
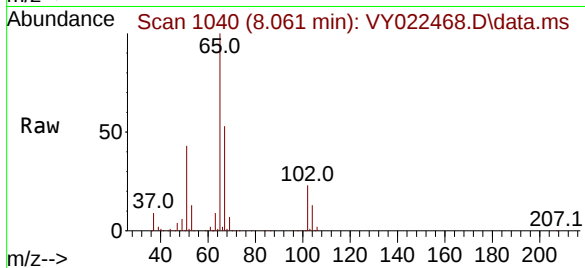
TP-54

Tgt Ion: 65 Resp: 156979

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022468.D

Acq: 29 May 2025 15:33

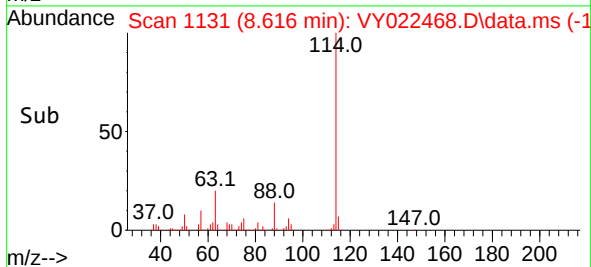
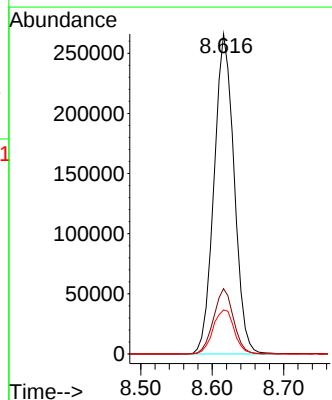
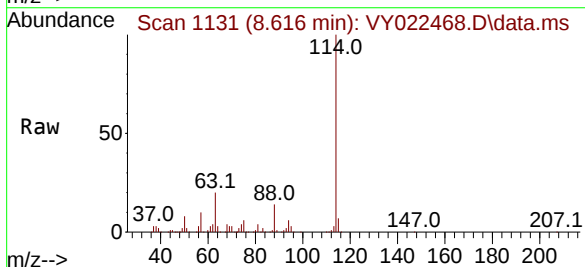
Tgt Ion: 114 Resp: 517546

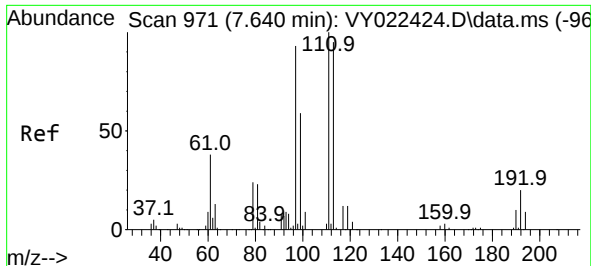
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 13.8 0.0 29.4

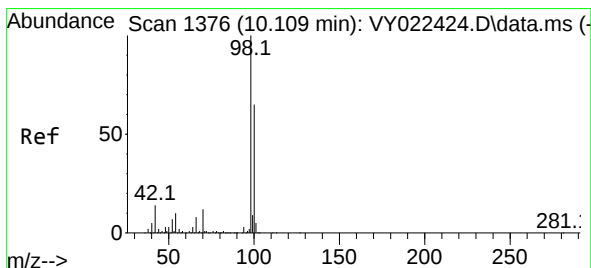
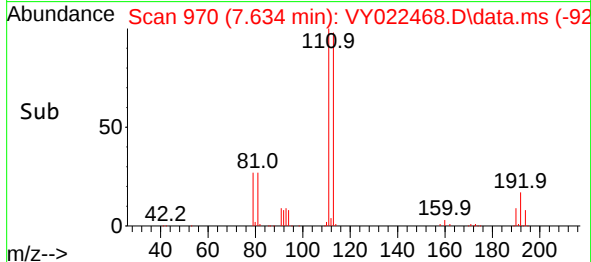
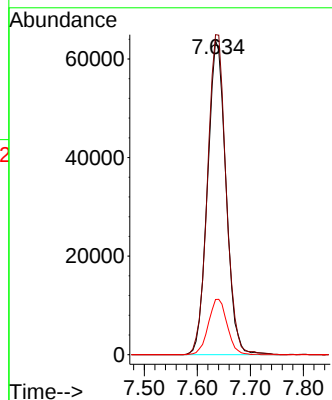
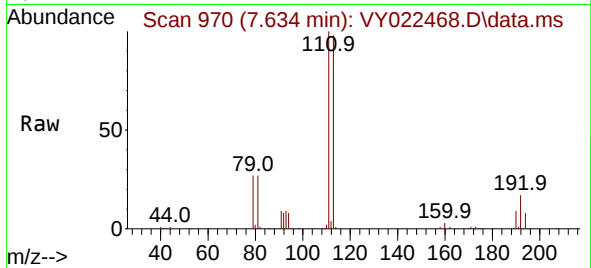




#35
Dibromofluoromethane
Concen: 50.684 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

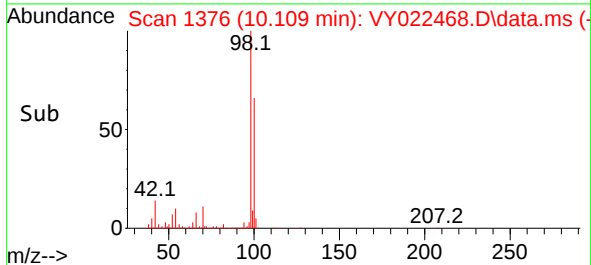
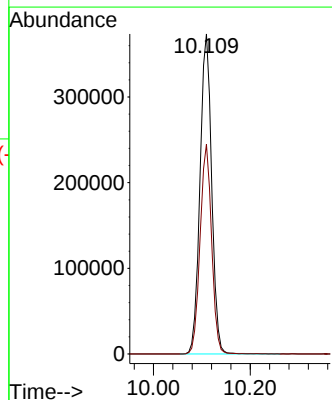
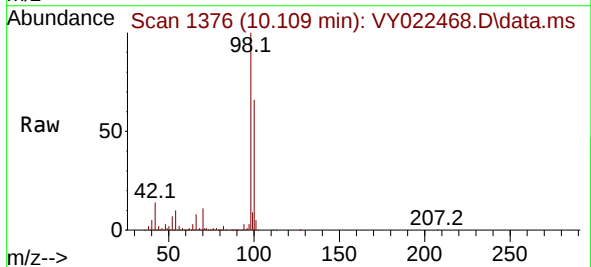
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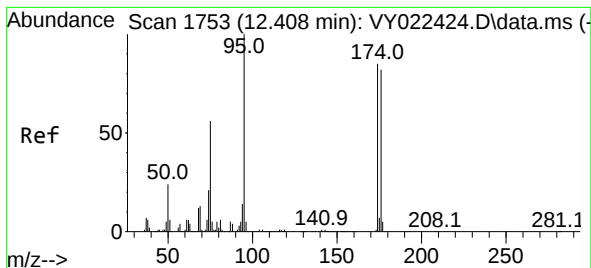
Tgt Ion:113 Resp: 153619
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.0 15.2 22.8



#50
Toluene-d8
Concen: 50.430 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

Tgt Ion: 98 Resp: 623100
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

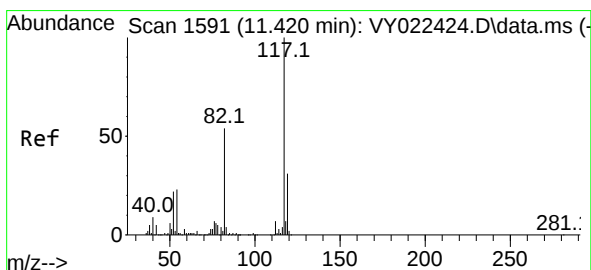
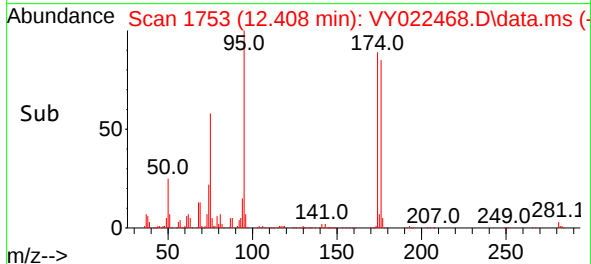
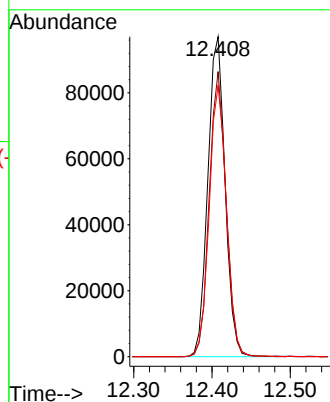
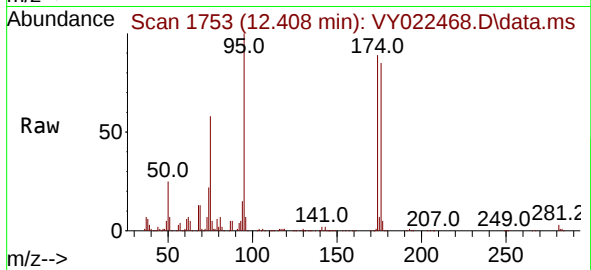




#62
4-Bromofluorobenzene
Concen: 39.672 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

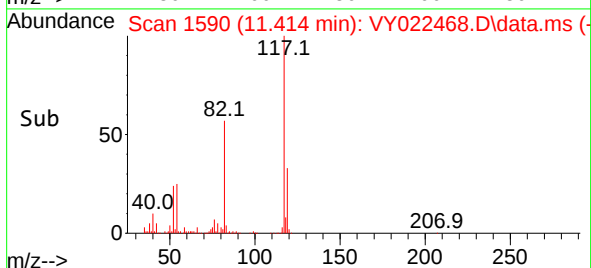
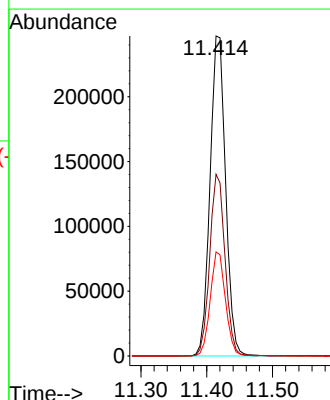
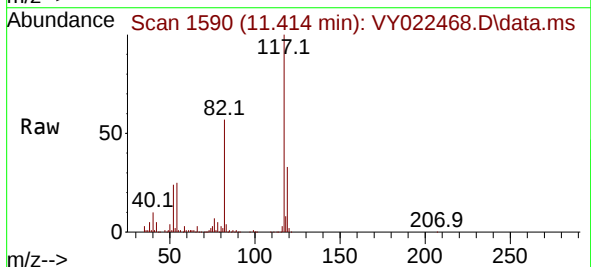
Instrument :
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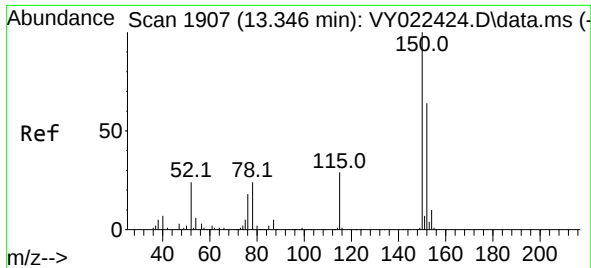
Tgt Ion: 95 Resp: 148270
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 84.8 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

Tgt Ion: 117 Resp: 406523
Ion Ratio Lower Upper
117 100
82 56.8 43.3 64.9
119 32.5 24.5 36.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022468.D

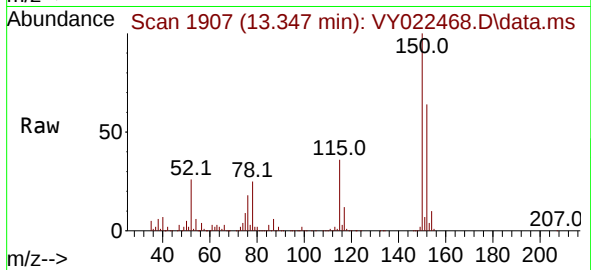
Acq: 29 May 2025 15:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-54



Tgt Ion:152 Resp: 140553

Ion Ratio Lower Upper

152 100

115 55.7 28.4 85.3

150 153.6 0.0 345.8

