

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021065.D
 Acq On : 04 Feb 2025 17:47
 Operator : SY/MD
 Sample : Q1241-09
 Misc : 10.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-5.2-013025

Quant Time: Feb 05 00:49:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

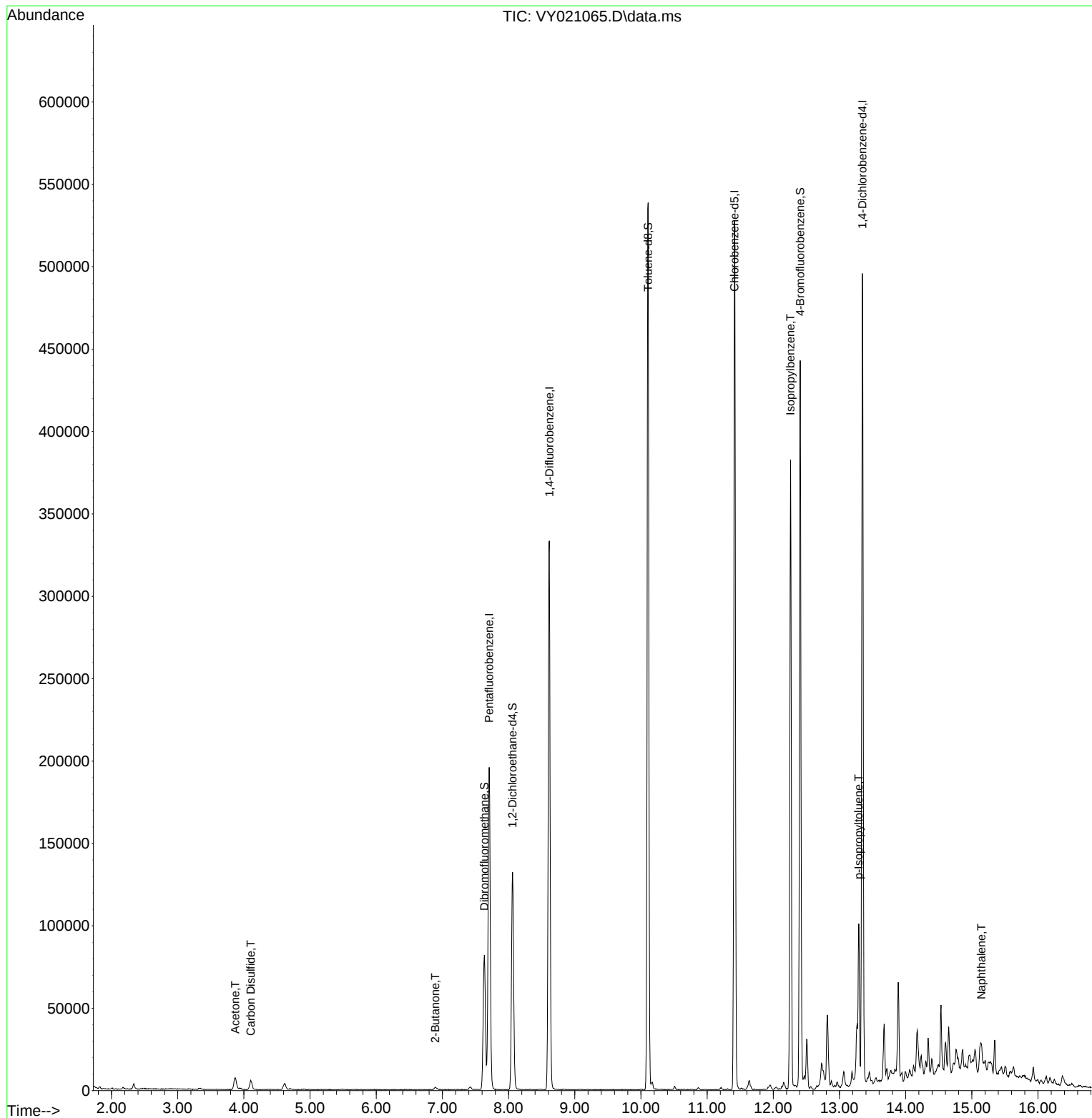
Internal Standards						
1) Pentafluorobenzene	7.707	168	146429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	279661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	270362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	120739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	104258	69.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.980%	
35) Dibromofluoromethane	7.634	113	57442	32.050	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 64.100%	
50) Toluene-d8	10.109	98	347250	50.892	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.407	95	122654	55.024	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.040%	
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	13603	58.141	ug/l	91
17) Carbon Disulfide	4.104	76	10095	2.306	ug/l #	91
25) 2-Butanone	6.890	43	2146	5.582	ug/l #	84
73) Isopropylbenzene	12.261	105	14913	1.581	ug/l #	66
86) p-Isopropyltoluene	13.291	119	49442	5.949	ug/l	94
95) Naphthalene	15.145	128	12154	3.742	ug/l	95

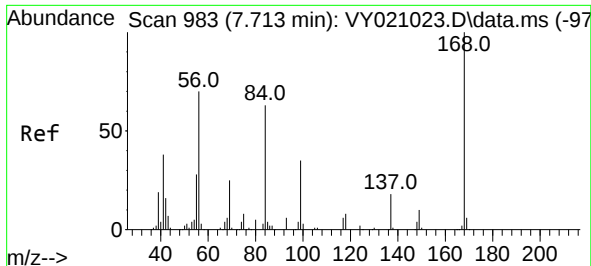
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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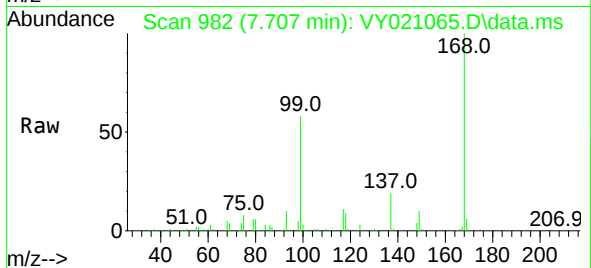
Quant Time: Feb 05 00:49:40 2025
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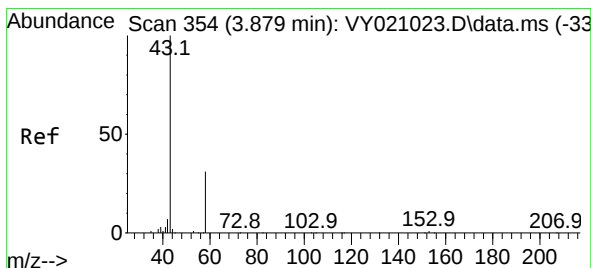
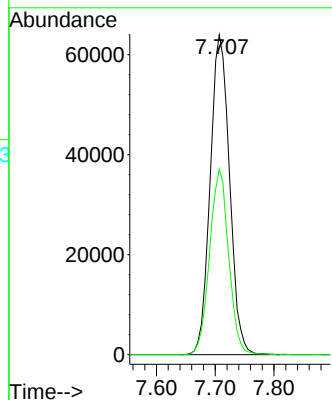
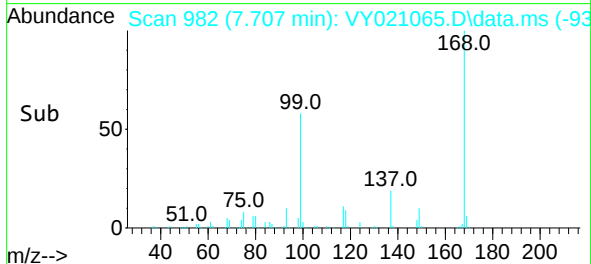


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021065.D
Acq: 04 Feb 2025 17:47

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.2-013025

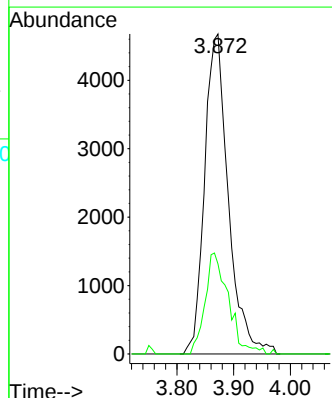
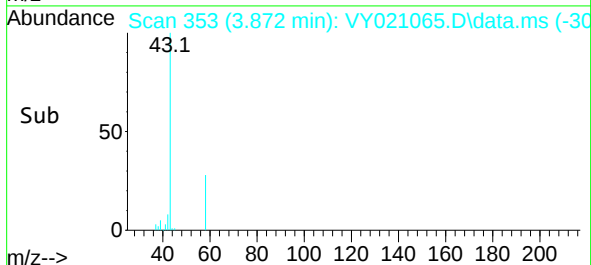
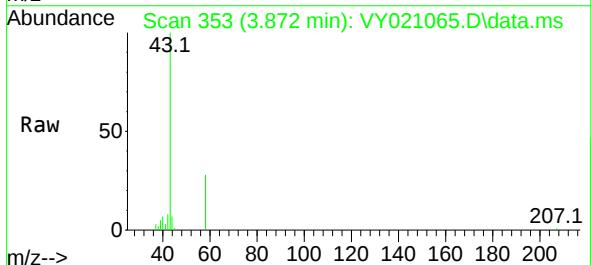


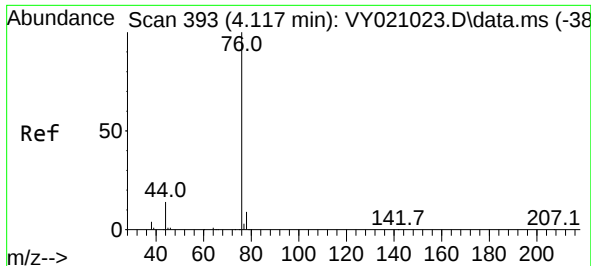
Tgt Ion:168 Resp: 146429
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#16
Acetone
Concen: 58.141 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY021065.D
Acq: 04 Feb 2025 17:47

Tgt Ion: 43 Resp: 13603
Ion Ratio Lower Upper
43 100
58 28.2 26.6 39.8

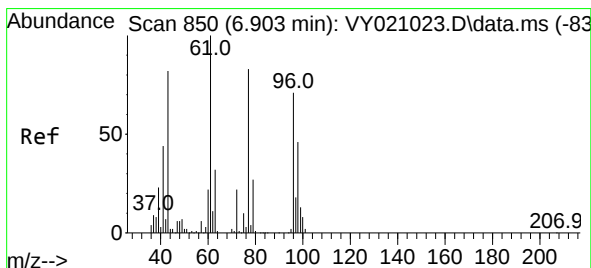
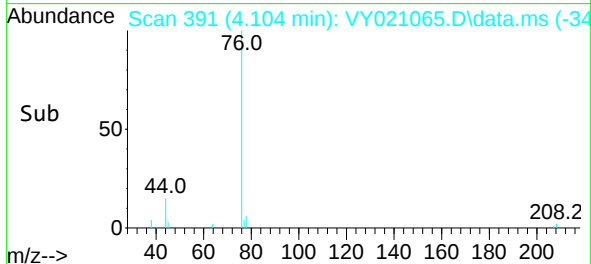
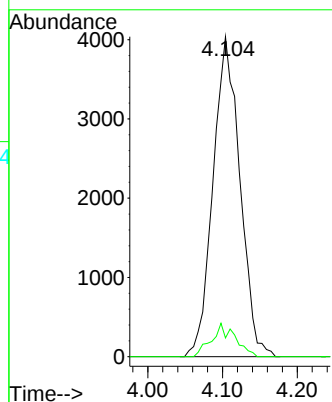
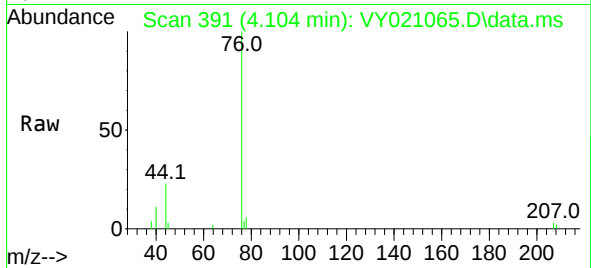




#17
Carbon Disulfide
Concen: 2.306 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.013 min
Lab File: VY021065.D
Acq: 04 Feb 2025 17:47

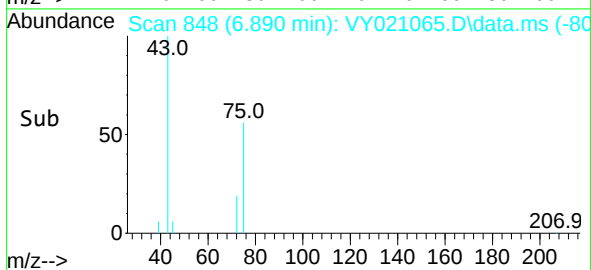
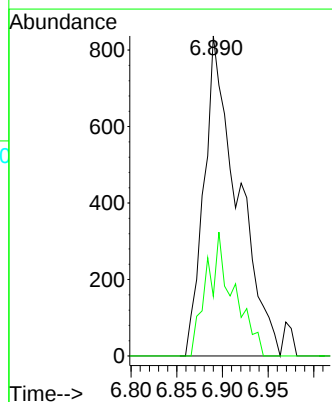
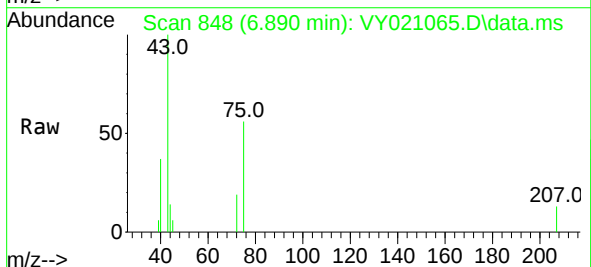
Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.2-013025

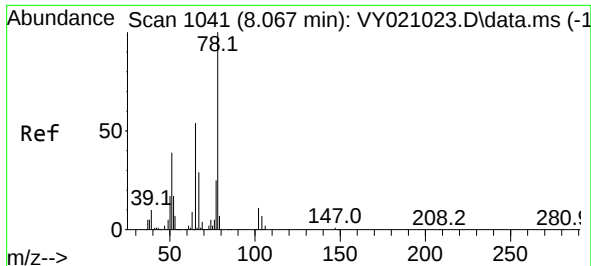
Tgt Ion: 76 Resp: 10095
Ion Ratio Lower Upper
76 100
78 5.8 7.4 11.0#



#25
2-Butanone
Concen: 5.582 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.013 min
Lab File: VY021065.D
Acq: 04 Feb 2025 17:47

Tgt Ion: 43 Resp: 2146
Ion Ratio Lower Upper
43 100
72 18.6 21.4 32.2#





#33

1,2-Dichloroethane-d4

Concen: 69.492 ug/l

RT: 8.060 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY021065.D

Acq: 04 Feb 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

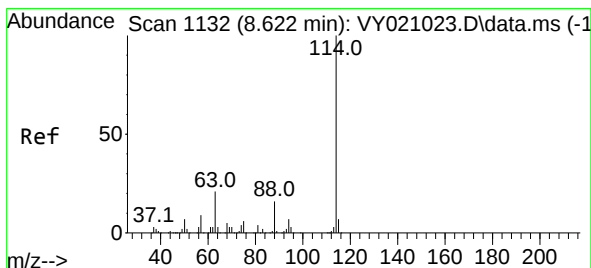
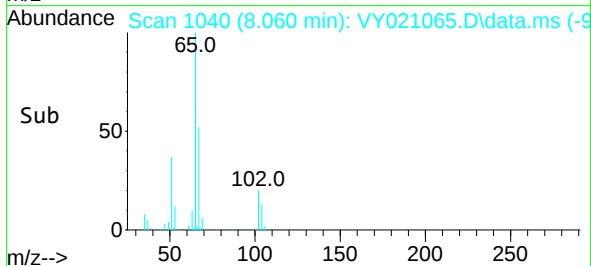
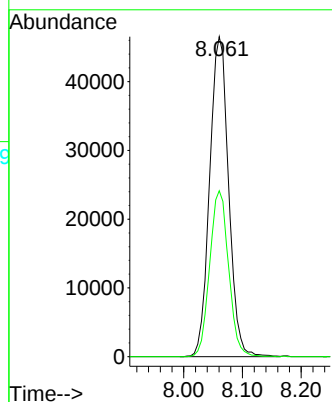
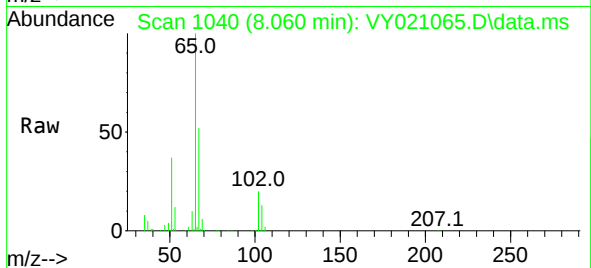
JPP-5.2-013025

Tgt Ion: 65 Resp: 104258

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.007 min

Lab File: VY021065.D

Acq: 04 Feb 2025 17:47

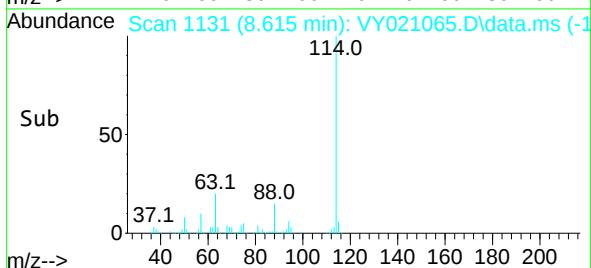
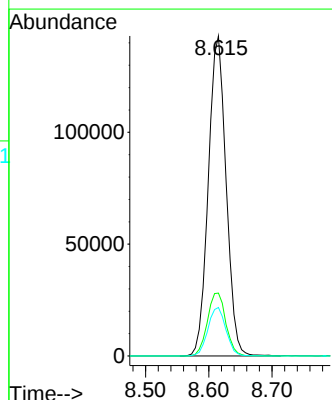
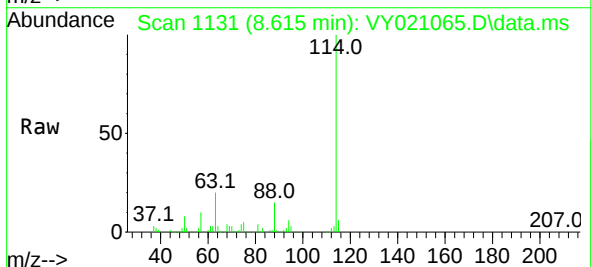
Tgt Ion: 114 Resp: 279661

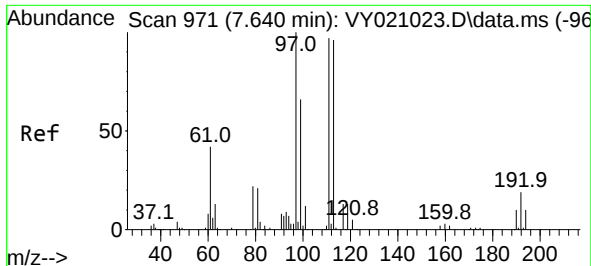
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.2 0.0 29.0

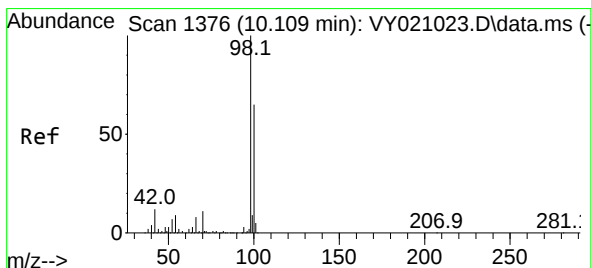
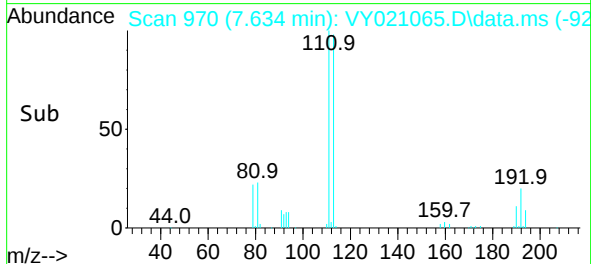
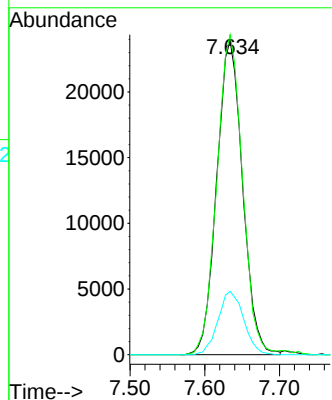
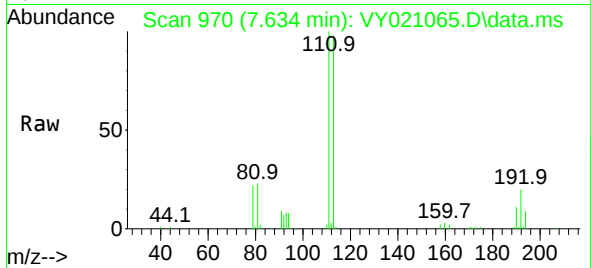




#35
Dibromofluoromethane
Concen: 32.050 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY021065.D
Acq: 04 Feb 2025 17:47

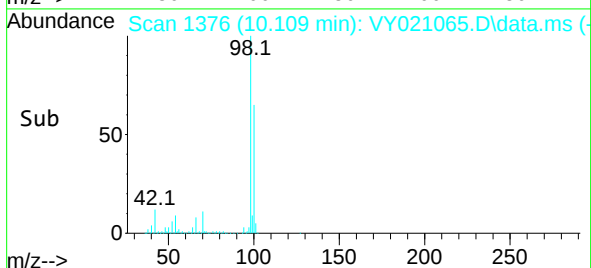
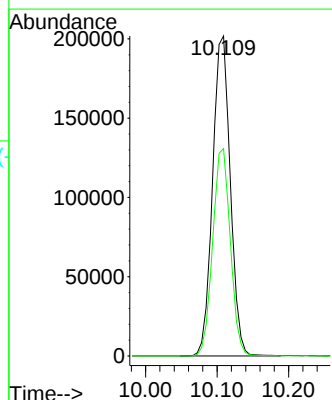
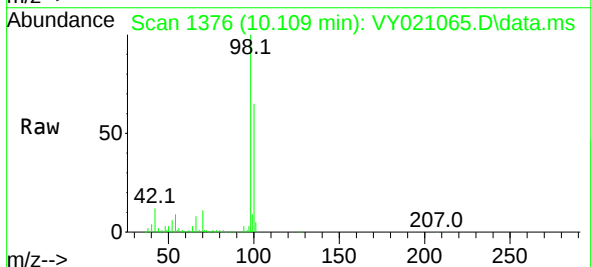
Instrument :
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ClientSampleId :
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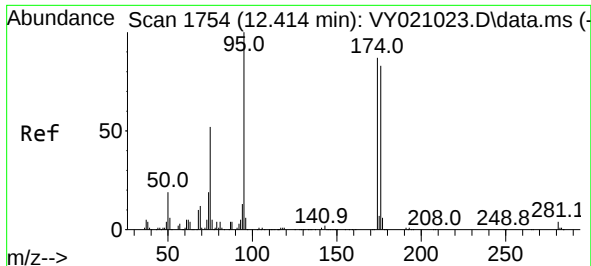
Tgt Ion:113 Resp: 57442
Ion Ratio Lower Upper
113 100
111 101.0 83.8 125.6
192 20.1 14.5 21.7



#50
Toluene-d8
Concen: 50.892 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021065.D
Acq: 04 Feb 2025 17:47

Tgt Ion: 98 Resp: 347250
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

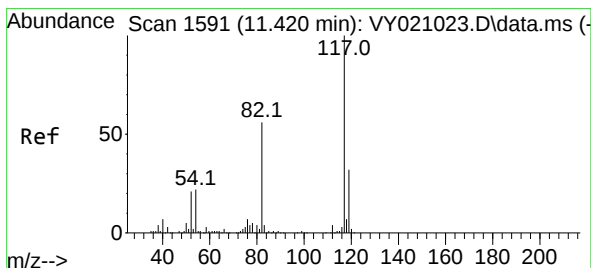
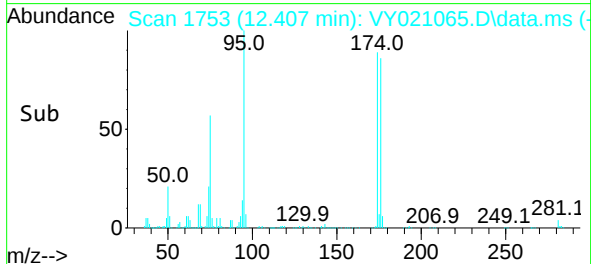
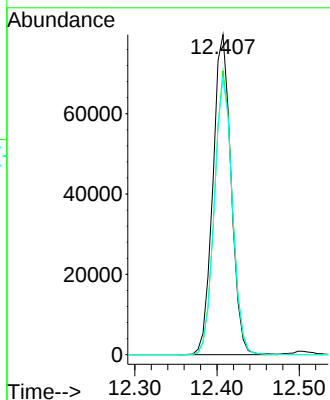
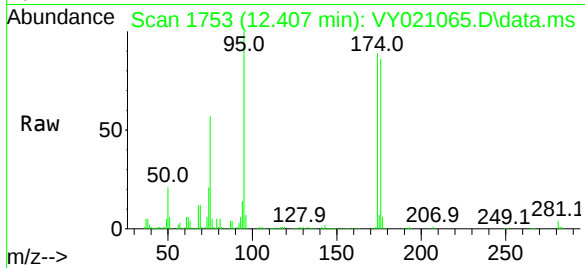




#62
4-Bromofluorobenzene
Concen: 55.024 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VY021065.D
Acq: 04 Feb 2025 17:47

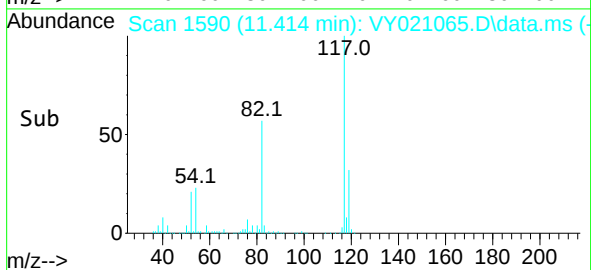
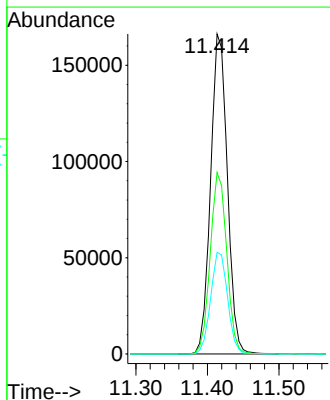
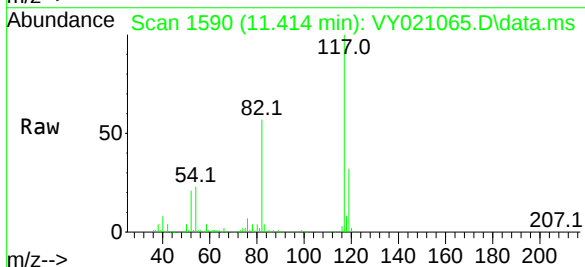
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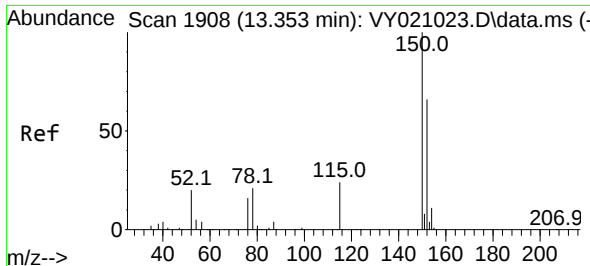
Tgt Ion: 95 Resp: 122654
Ion Ratio Lower Upper
95 100
174 86.7 0.0 160.0
176 85.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.007 min
Lab File: VY021065.D
Acq: 04 Feb 2025 17:47

Tgt Ion: 117 Resp: 270362
Ion Ratio Lower Upper
117 100
82 56.7 43.8 65.8
119 31.7 26.5 39.7

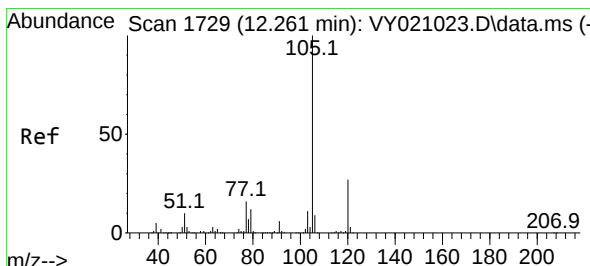
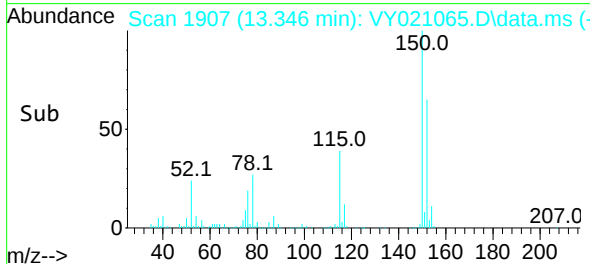
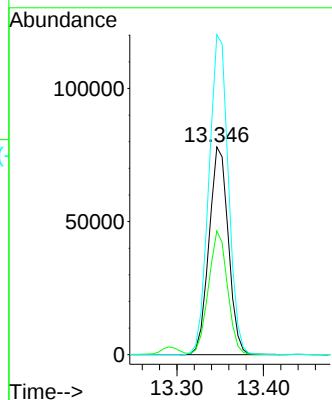
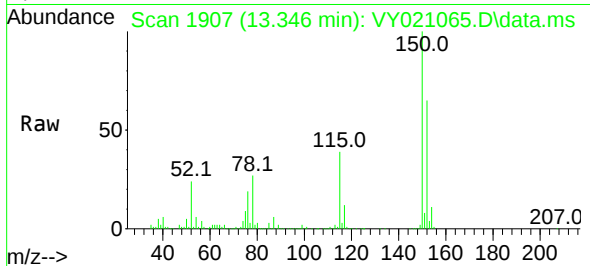




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.007 min
Lab File: VY021065.D
Acq: 04 Feb 2025 17:47

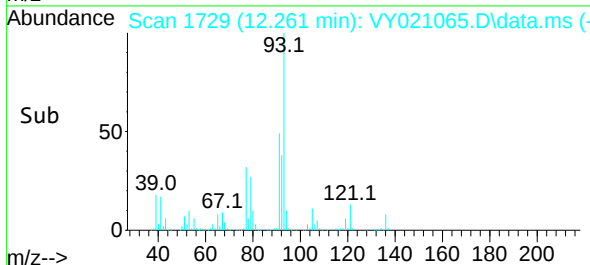
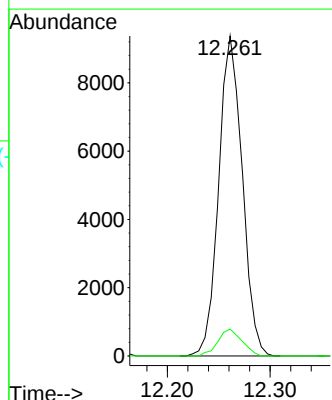
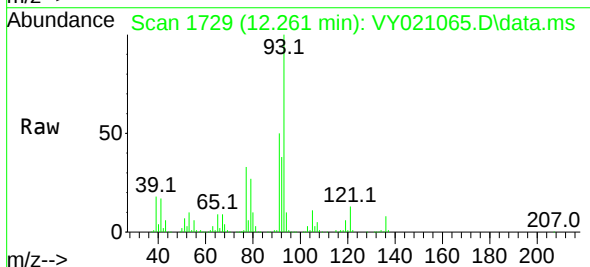
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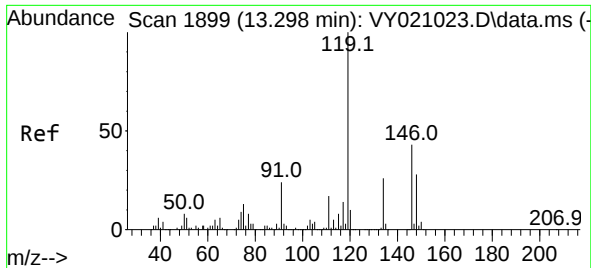
Tgt Ion:152 Resp: 120739
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.0
150 155.5 0.0 344.6



#73
Isopropylbenzene
Concen: 1.581 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY021065.D
Acq: 04 Feb 2025 17:47

Tgt Ion:105 Resp: 14913
Ion Ratio Lower Upper
105 100
120 8.6 13.0 39.0#

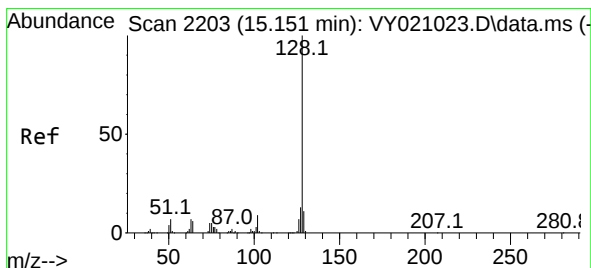
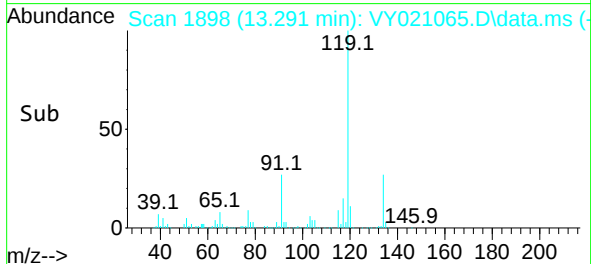
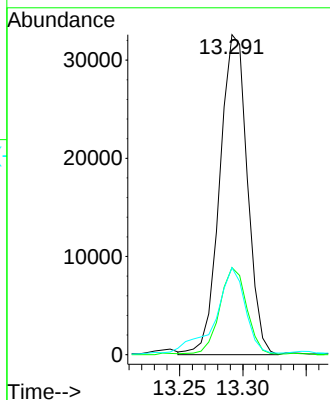
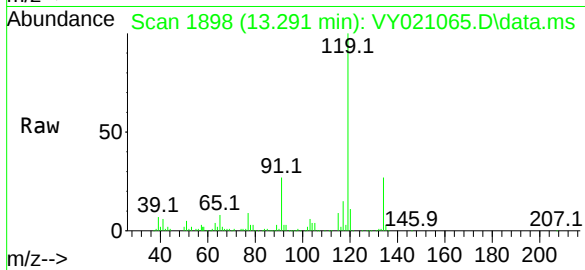




#86
p-Isopropyltoluene
Concen: 5.949 ug/l
RT: 13.291 min Scan# 119
Delta R.T. -0.007 min
Lab File: VY021065.D
Acq: 04 Feb 2025 17:47

Instrument :
MSVOA_Y
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Tgt Ion:119 Resp: 49442
Ion Ratio Lower Upper
119 100
134 26.1 13.1 39.1
91 29.9 11.7 35.0



#95
Naphthalene
Concen: 3.742 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.007 min
Lab File: VY021065.D
Acq: 04 Feb 2025 17:47

Tgt Ion:128 Resp: 12154
Ion Ratio Lower Upper
128 100
127 14.4 10.2 15.4
129 12.7 8.6 12.8

