

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020832.D
 Acq On : 15 Jan 2025 13:15
 Operator : SY/MD
 Sample : Q1077-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-01132025RE

Quant Time: Jan 16 00:58:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

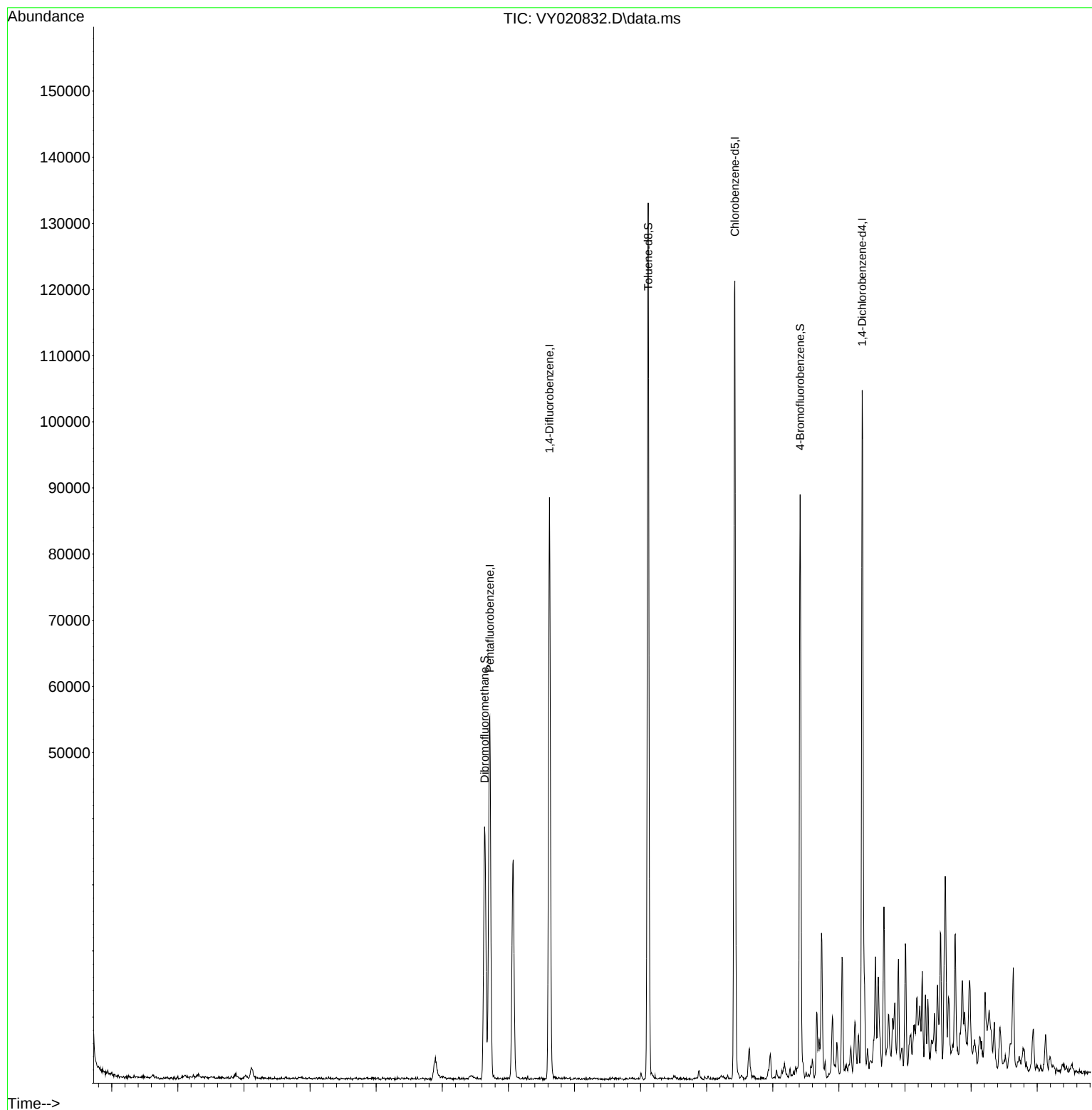
Internal Standards						
1) Pentafluorobenzene	7.719	168	45608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	78347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	69761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	27473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	27468	70.857	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 141.720%		
35) Dibromofluoromethane	7.640	113	27537	56.102	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.200%		
50) Toluene-d8	10.115	98	91275	53.344	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 106.680%		
62) 4-Bromofluorobenzene	12.414	95	27737	43.897	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 87.800%		
Target Compounds						
						Qvalue
16) Acetone	3.866	43	1197	21.714	ug/l	97
51) 4-Methyl-2-Pentanone	10.012	43	512	2.022	ug/l	94
69) o-Xylene	11.963	106	1125	1.154	ug/l	92
80) 1,3,5-Trimethylbenzene	12.743	105	4007	2.269	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	9476	5.494	ug/l	95
89) n-Butylbenzene	13.627	91	1888	1.106	ug/l #	75

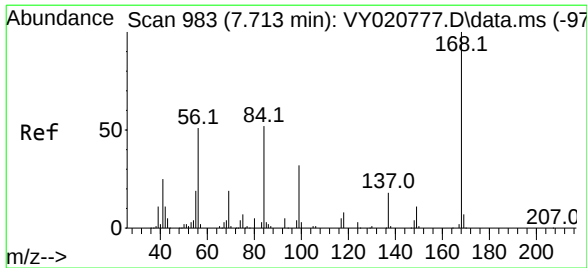
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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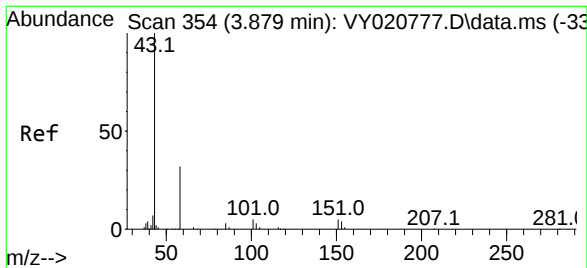
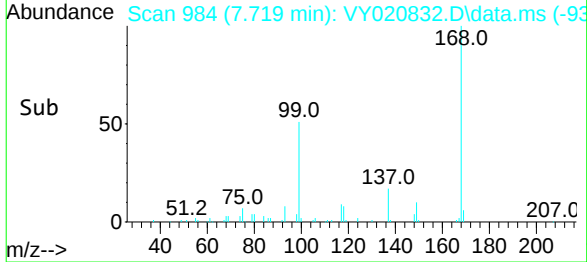
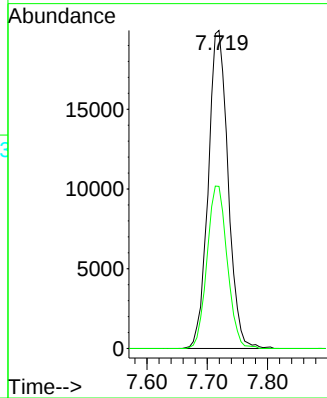
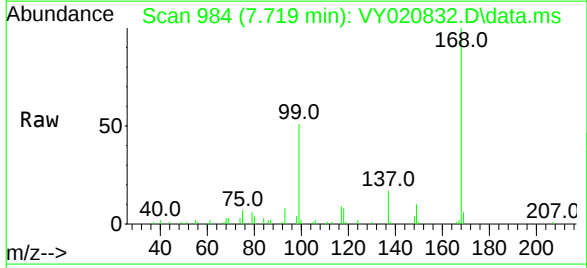




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020832.D
Acq: 15 Jan 2025 13:15

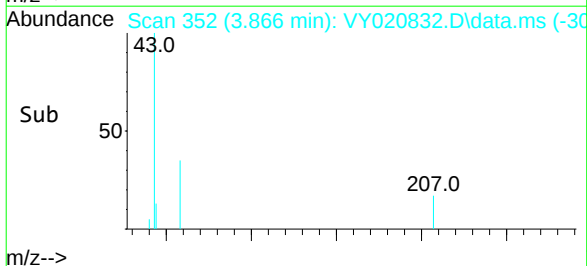
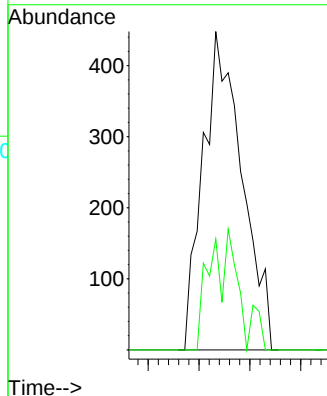
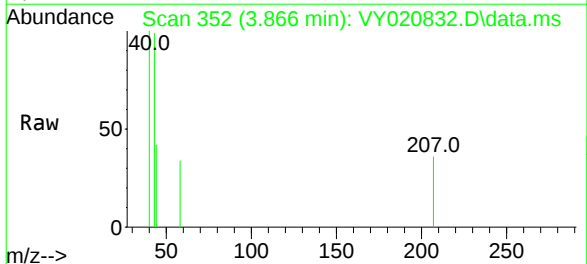
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-01132025RE

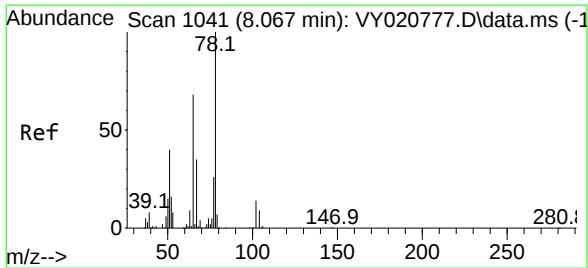
Tgt Ion:168 Resp: 45608
Ion Ratio Lower Upper
168 100
99 51.0 44.3 66.5



#16
Acetone
Concen: 21.714 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY020832.D
Acq: 15 Jan 2025 13:15

Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
58 34.8 26.7 40.1

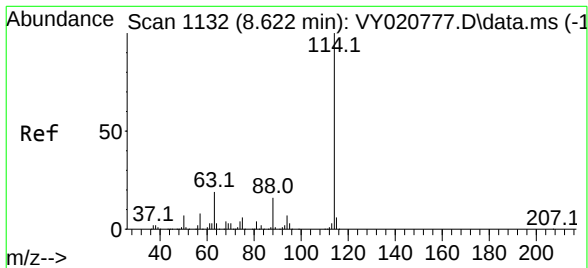
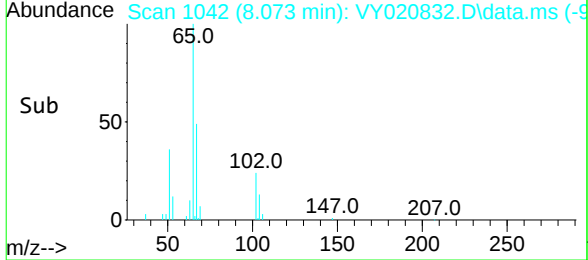
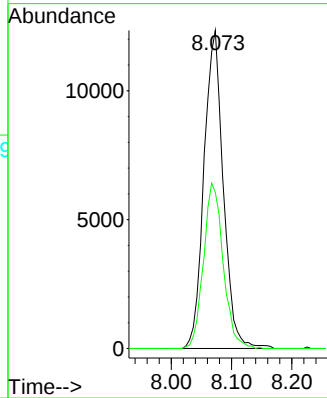
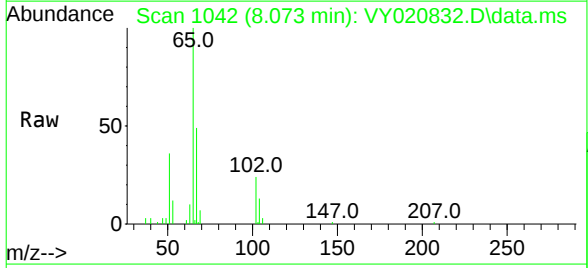




#33
1,2-Dichloroethane-d4
Concen: 70.857 ug/l
RT: 8.073 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020832.D
Acq: 15 Jan 2025 13:15

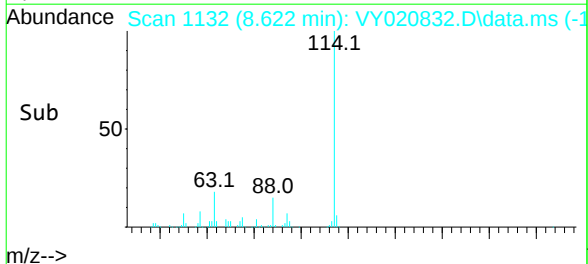
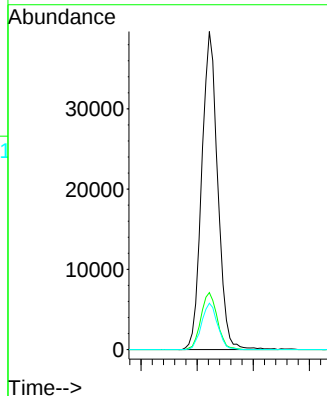
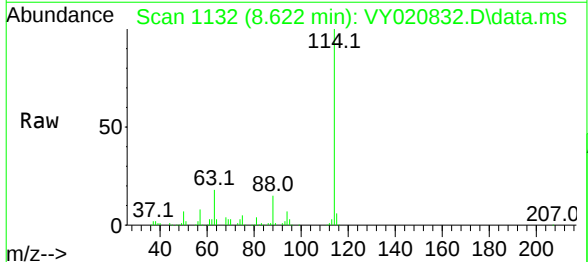
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-01132025RE

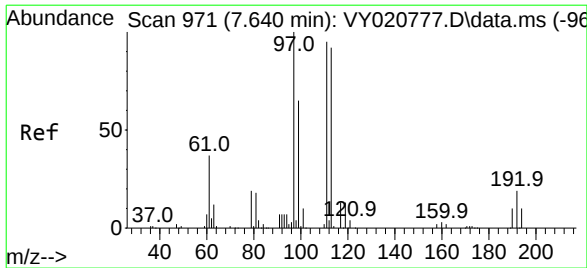
Tgt Ion: 65 Resp: 27468
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020832.D
Acq: 15 Jan 2025 13:15

Tgt Ion: 114 Resp: 78347
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 14.6 0.0 31.2

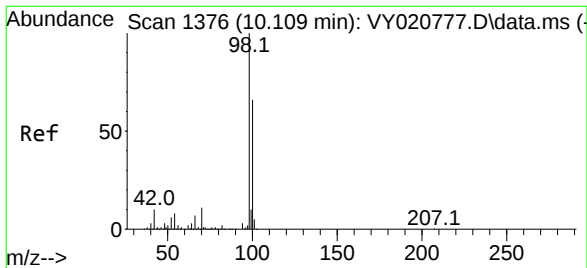
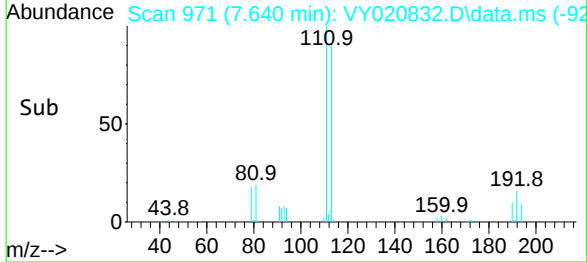
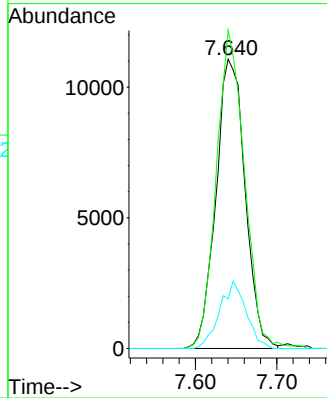
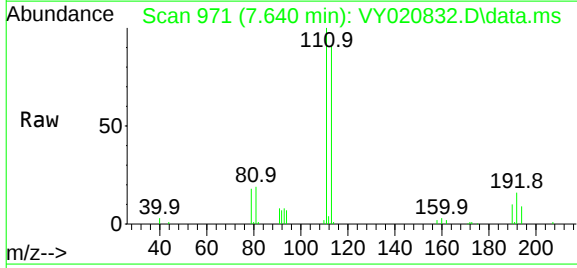




#35
Dibromofluoromethane
Concen: 56.102 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020832.D
Acq: 15 Jan 2025 13:15

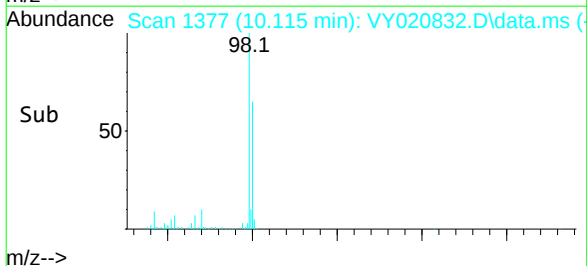
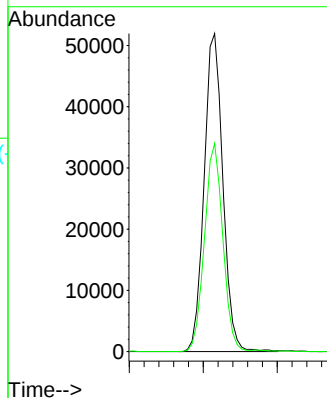
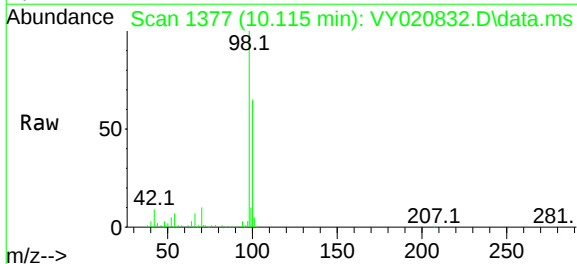
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-01132025RE

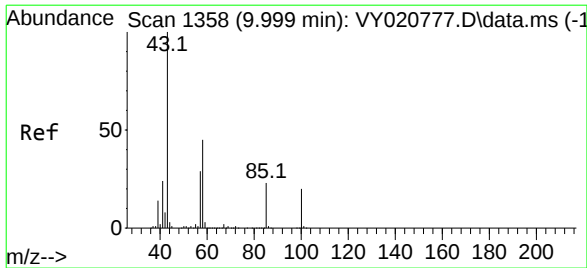
Tgt Ion:113 Resp: 27537
Ion Ratio Lower Upper
113 100
111 106.5 81.7 122.5
192 21.2 16.7 25.1



#50
Toluene-d8
Concen: 53.344 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020832.D
Acq: 15 Jan 2025 13:15

Tgt Ion: 98 Resp: 91275
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7

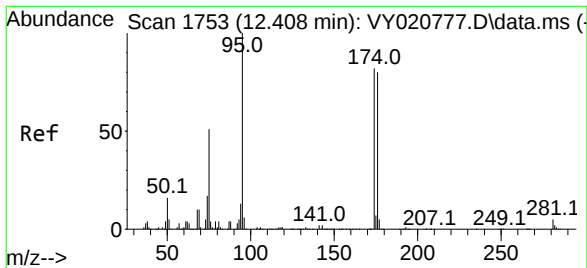
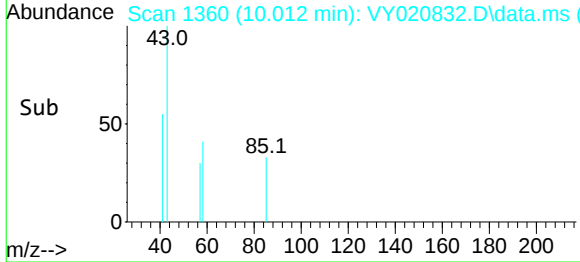
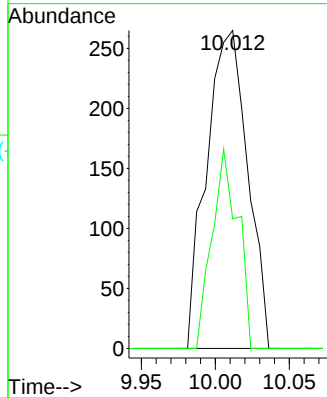
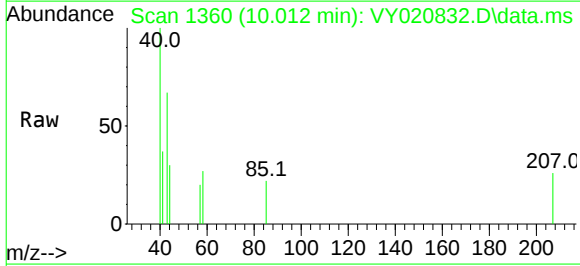




#51
4-Methyl-2-Pentanone
Concen: 2.022 ug/l
RT: 10.012 min Scan# 1358
Delta R.T. 0.012 min
Lab File: VY020832.D
Acq: 15 Jan 2025 13:15

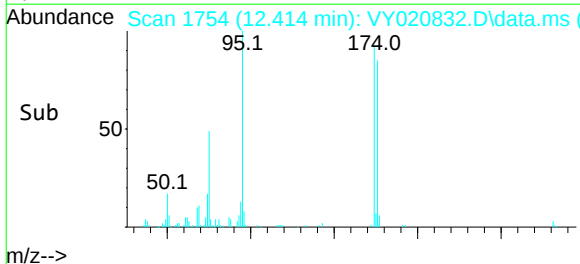
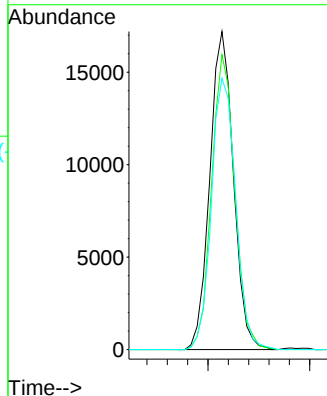
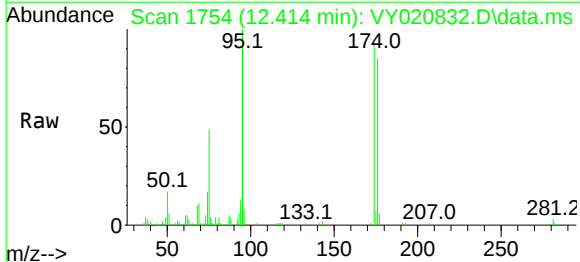
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-01132025RE

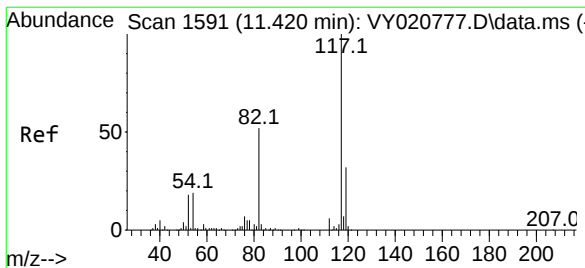
Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
58 39.5 34.8 52.2



#62
4-Bromofluorobenzene
Concen: 43.897 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020832.D
Acq: 15 Jan 2025 13:15

Tgt Ion: 95 Resp: 27737
Ion Ratio Lower Upper
95 100
174 91.0 0.0 178.0
176 87.5 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020832.D

Acq: 15 Jan 2025 13:15

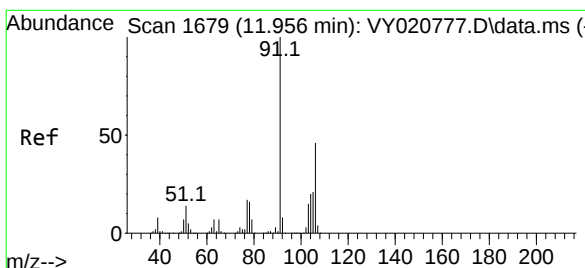
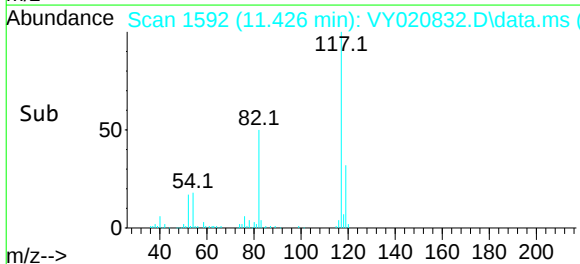
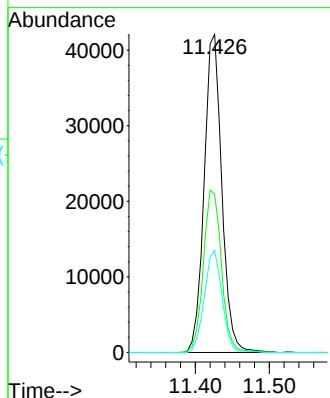
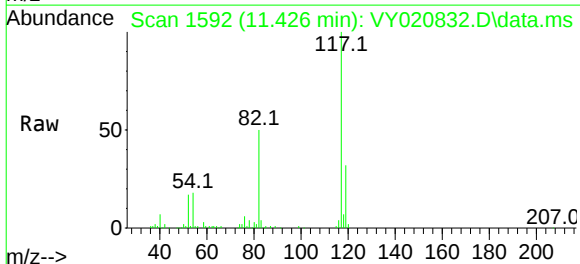
Instrument :

MSVOA_Y

ClientSampleId :

TR-05-01132025RE

Tgt Ion:	117	Resp:	69761
Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.8	62.6
119	32.1	25.8	38.8



#69

o-Xylene

Concen: 1.154 ug/l

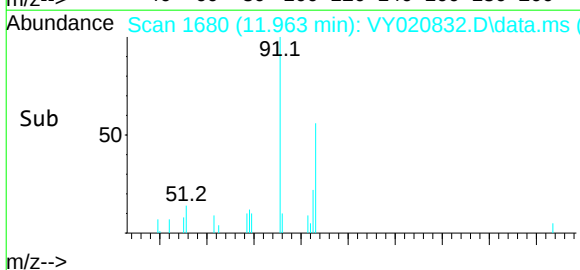
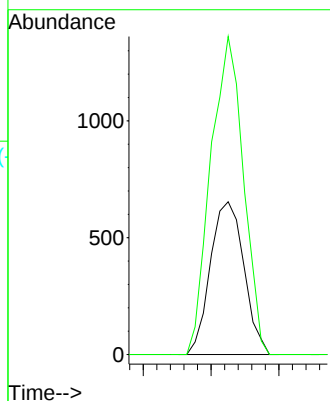
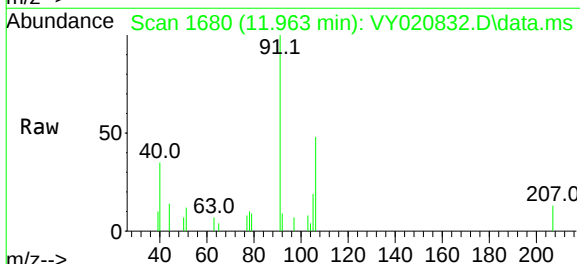
RT: 11.963 min Scan# 1680

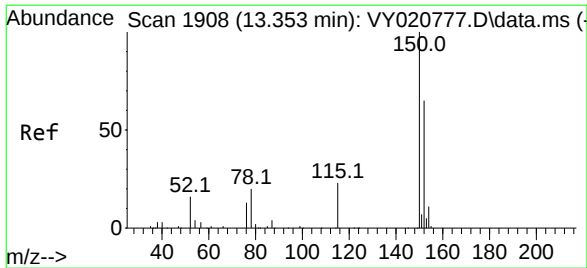
Delta R.T. 0.006 min

Lab File: VY020832.D

Acq: 15 Jan 2025 13:15

Tgt Ion:	106	Resp:	1125
Ion	Ratio	Lower	Upper
106	100		
91	202.9	108.2	324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020832.D

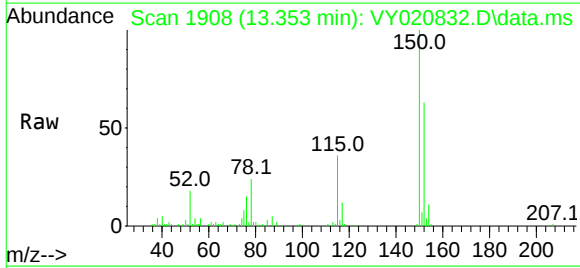
Acq: 15 Jan 2025 13:15

Instrument :

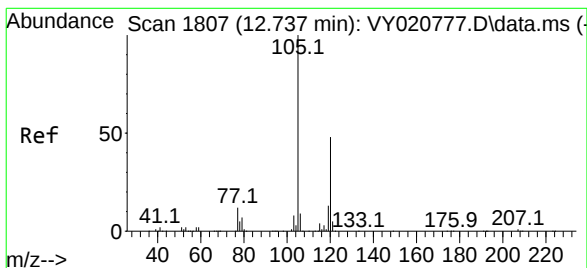
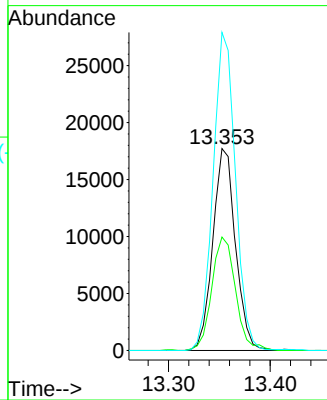
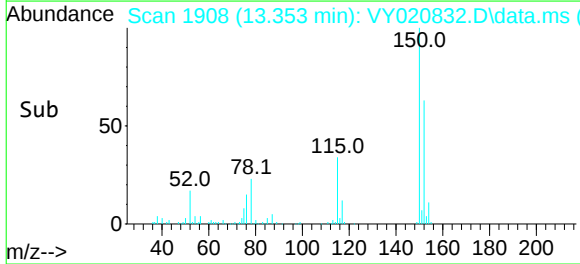
MSVOA_Y

ClientSampleId :

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Tgt Ion:	152	Resp:	27473
Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.0	87.0
150	155.1	0.0	347.4



#80

1,3,5-Trimethylbenzene

Concen: 2.269 ug/l

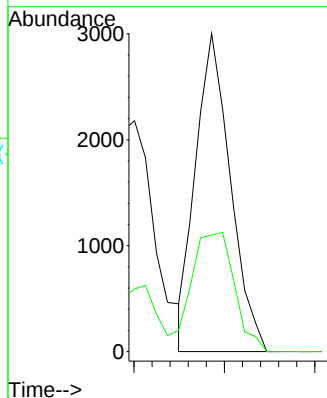
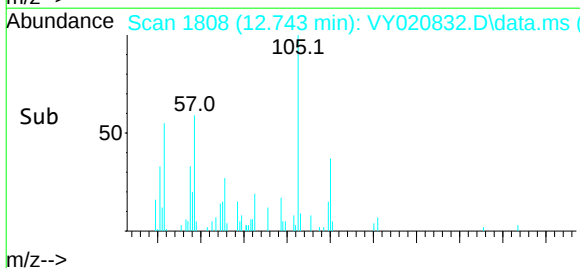
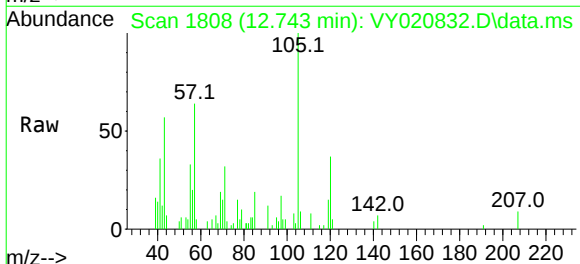
RT: 12.743 min Scan# 1808

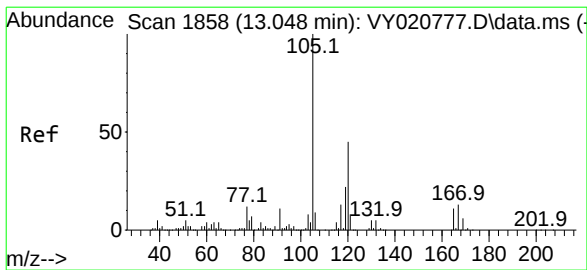
Delta R.T. 0.006 min

Lab File: VY020832.D

Acq: 15 Jan 2025 13:15

Tgt Ion:	105	Resp:	4007
Ion	Ratio	Lower	Upper
105	100		
120	46.4	24.5	73.5





#84

1,2,4-Trimethylbenzene

Concen: 5.494 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020832.D

Acq: 15 Jan 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

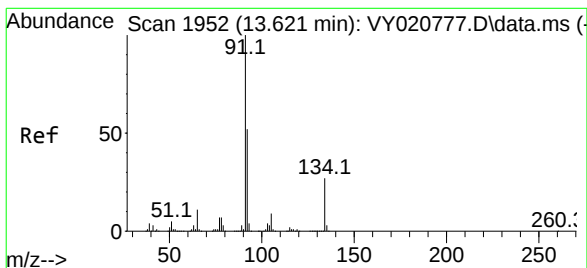
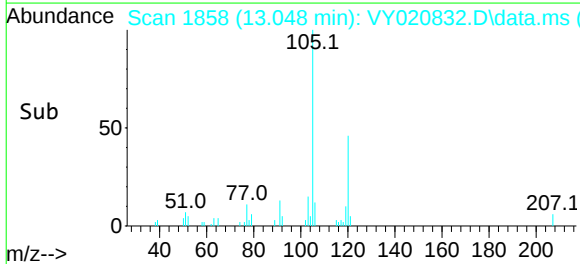
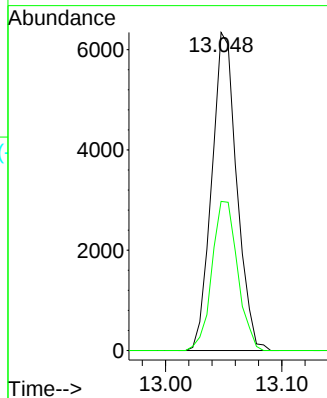
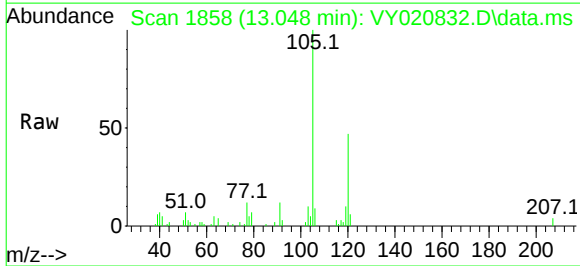
TR-05-01132025RE

Tgt Ion:105 Resp: 9476

Ion Ratio Lower Upper

105 100

120 48.1 22.4 67.2



#89

n-Butylbenzene

Concen: 1.106 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VY020832.D

Acq: 15 Jan 2025 13:15

Tgt Ion: 91 Resp: 1888

Ion Ratio Lower Upper

91 100

92 60.2 26.5 79.4

134 0.0 13.8 41.4#

