

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018102.D
 Acq On : 01 May 2024 17:03
 Operator : SY/MD
 Sample : P2309-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-042924

Quant Time: May 02 05:50:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

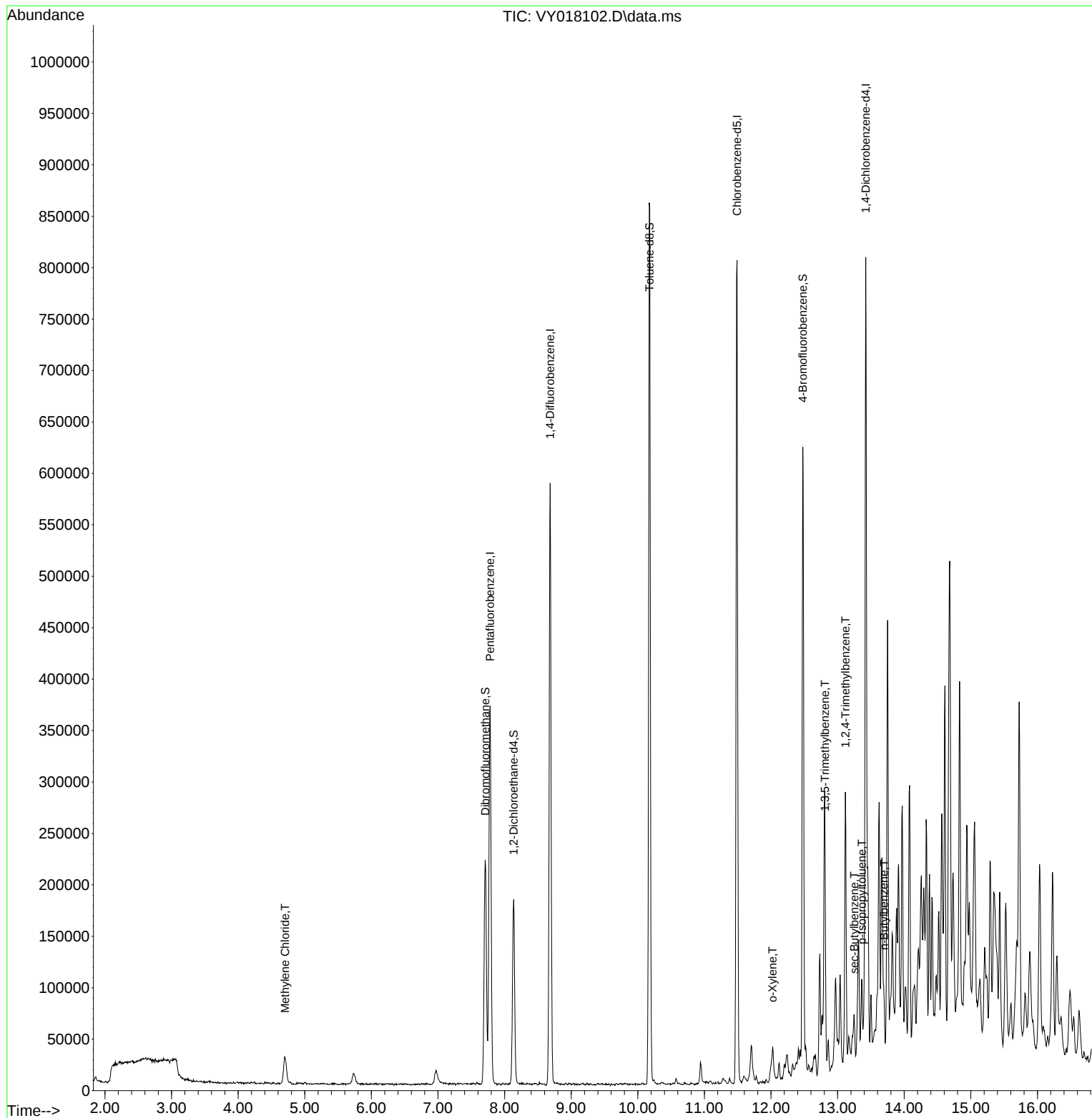
Internal Standards						
1) Pentafluorobenzene	7.783	168	309929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	541575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	477717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	194212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	134352	54.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.000%
35) Dibromofluoromethane	7.710	113	160053	51.426	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.860%
50) Toluene-d8	10.179	98	588953	48.473	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.477	95	191127	45.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.420%
Target Compounds						
20) Methylene Chloride	4.704	84	23252	7.130	ug/l	87
69) o-Xylene	12.026	106	7825	1.202	ug/l	88
80) 1,3,5-Trimethylbenzene	12.812	105	42989	3.649	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	138250	11.979	ug/l	99
85) sec-Butylbenzene	13.251	105	19617	1.267	ug/l	85
86) p-Isopropyltoluene	13.367	119	13195	1.023	ug/l	96
89) n-Butylbenzene	13.696	91	20906	1.832	ug/l #	70

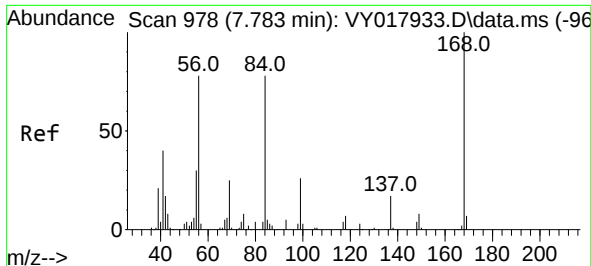
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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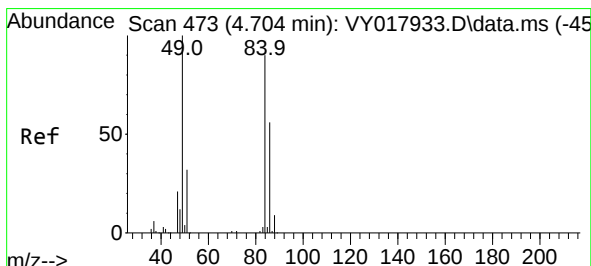
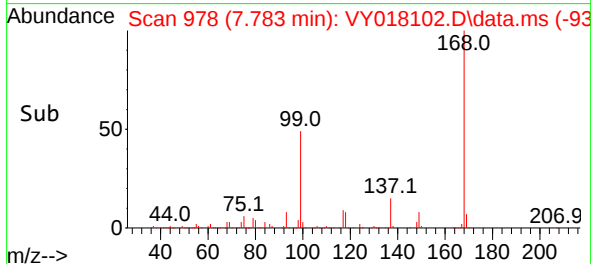
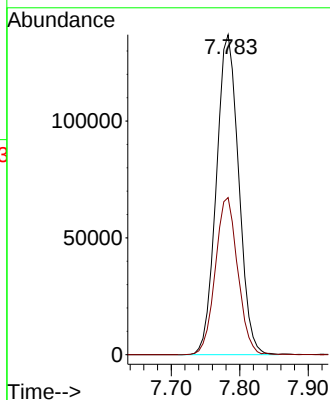
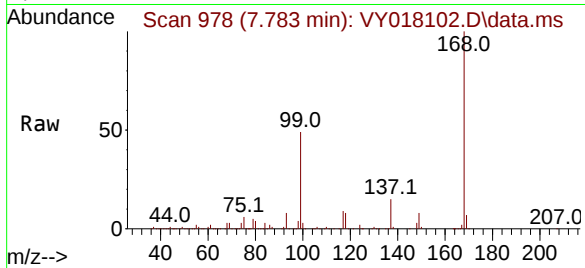




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018102.D
Acq: 01 May 2024 17:03

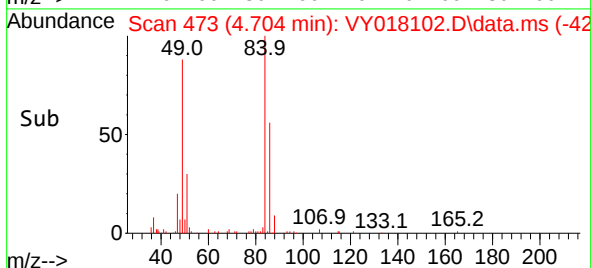
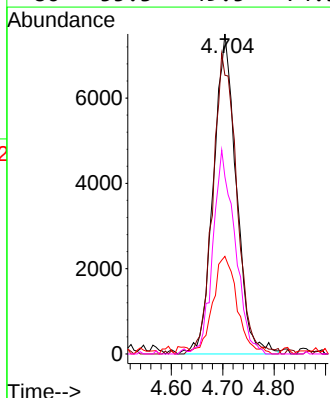
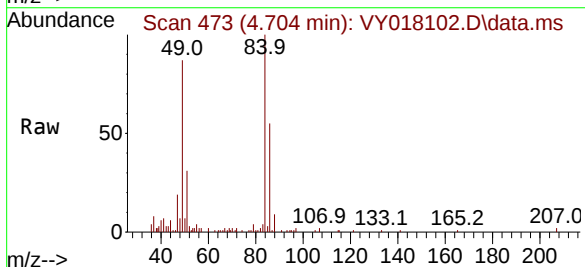
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

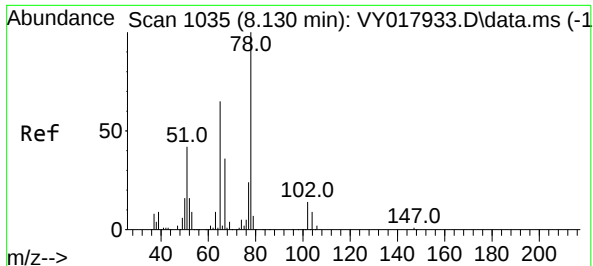
Tgt Ion:168 Resp: 309929
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#20
Methylene Chloride
Concen: 7.130 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY018102.D
Acq: 01 May 2024 17:03

Tgt Ion: 84 Resp: 23252
Ion Ratio Lower Upper
84 100
49 87.1 84.4 126.6
51 30.5 26.0 39.0
86 55.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 54.995 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018102.D

Acq: 01 May 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

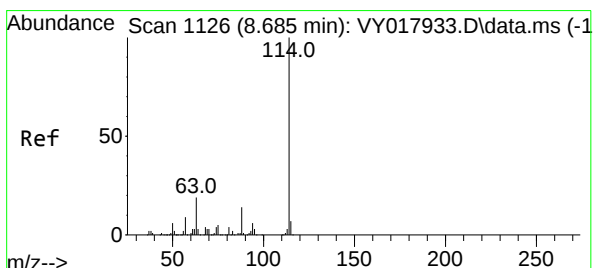
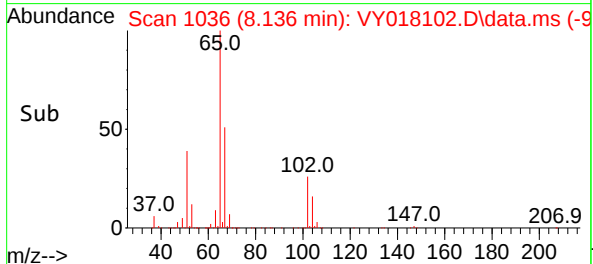
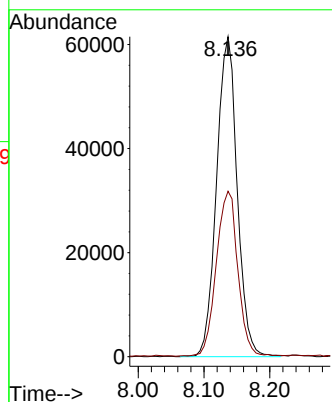
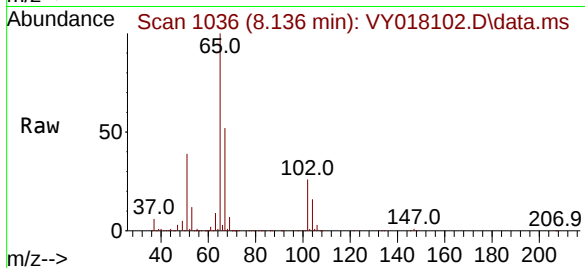
TR-05-042924

Tgt Ion: 65 Resp: 134352

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018102.D

Acq: 01 May 2024 17:03

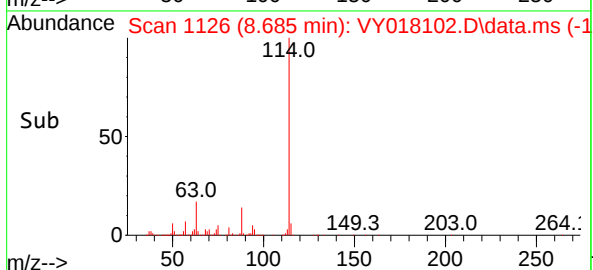
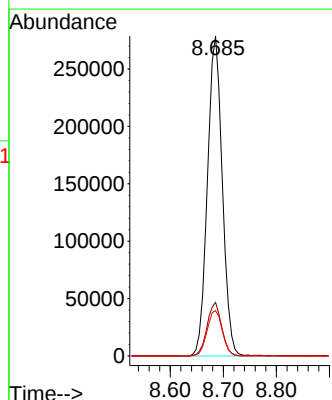
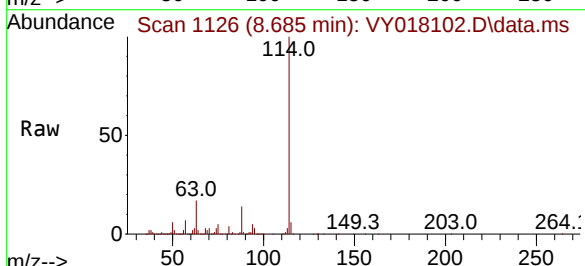
Tgt Ion: 114 Resp: 541575

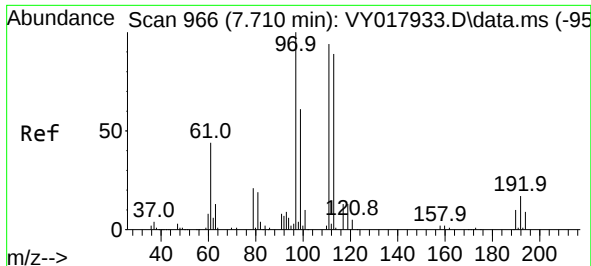
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.2 0.0 27.2



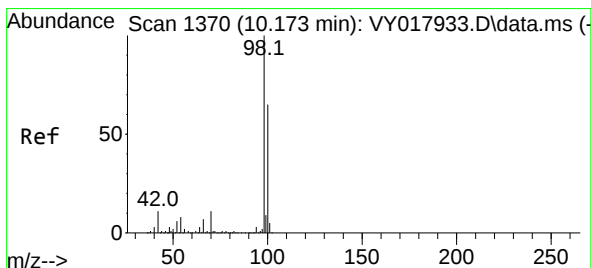
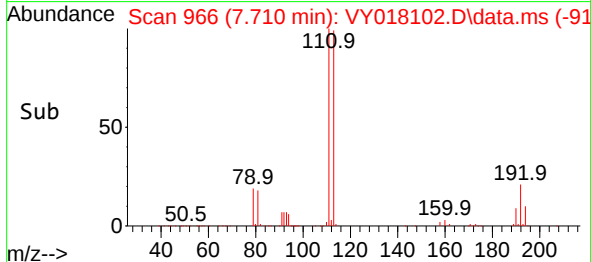
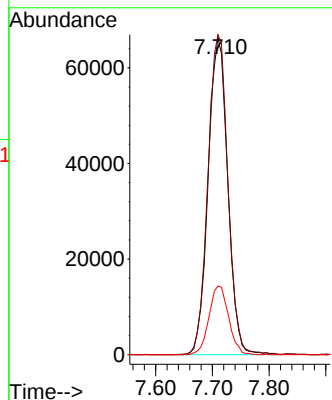
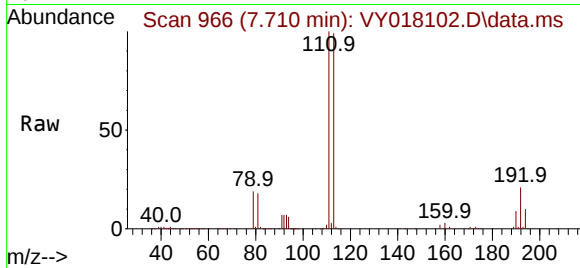


#35
 Dibromofluoromethane
 Concen: 51.426 ug/l
 RT: 7.710 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: VY018102.D
 Acq: 01 May 2024 17:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-042924

Tgt Ion:113 Resp: 160053

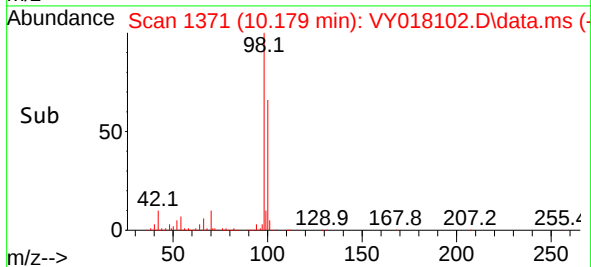
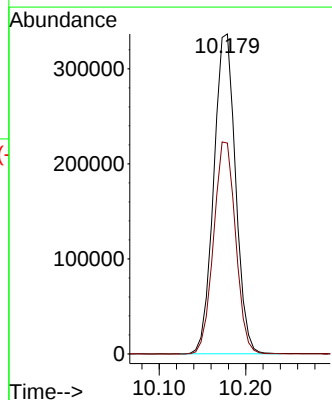
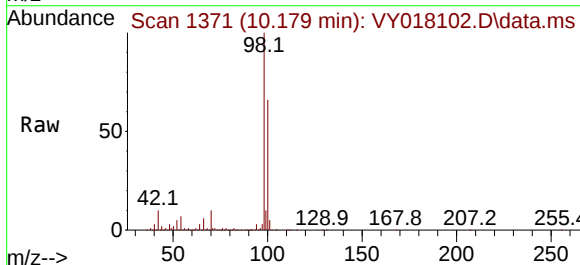
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	21.6	15.9	23.9

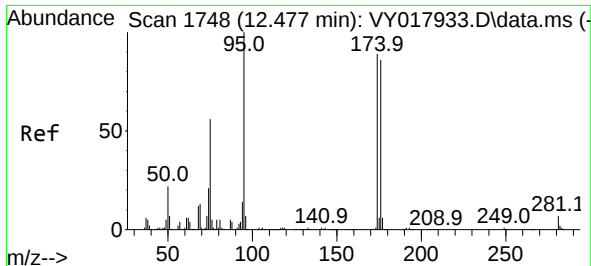


#50
 Toluene-d8
 Concen: 48.473 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY018102.D
 Acq: 01 May 2024 17:03

Tgt Ion: 98 Resp: 588953

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.0	78.0

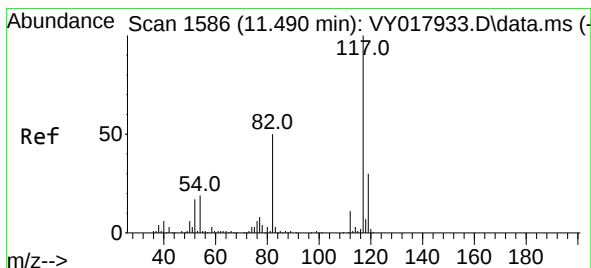
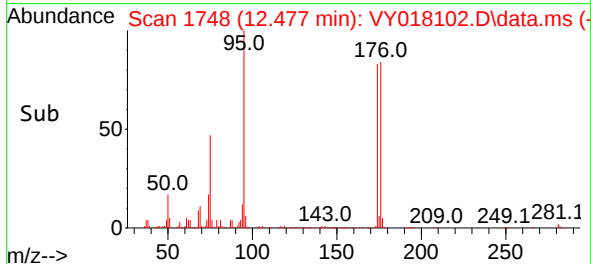
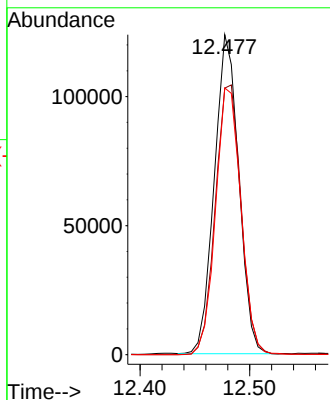
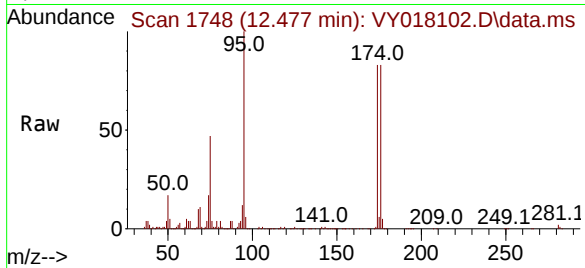




#62
4-Bromofluorobenzene
Concen: 45.709 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018102.D
Acq: 01 May 2024 17:03

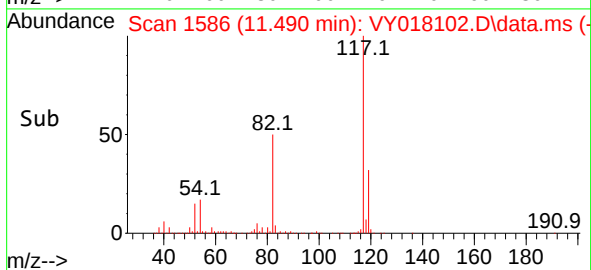
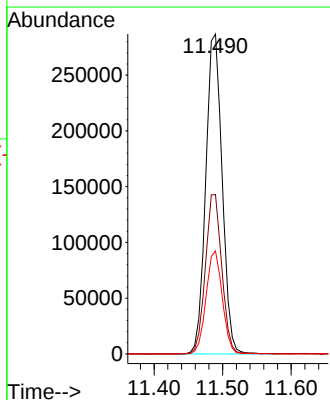
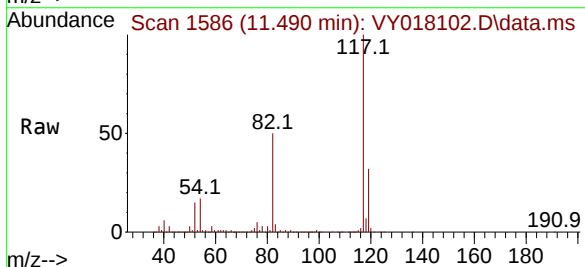
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-042924

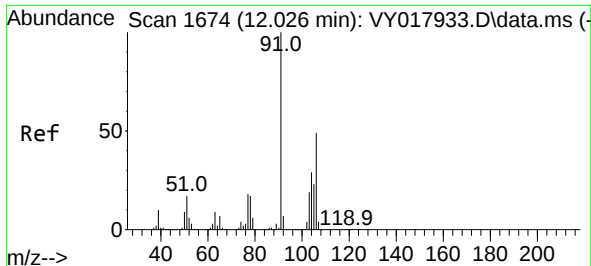
Tgt Ion: 95 Resp: 191127
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 87.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY018102.D
Acq: 01 May 2024 17:03

Tgt Ion: 117 Resp: 477717
Ion Ratio Lower Upper
117 100
82 49.7 42.4 63.6
119 32.2 25.9 38.9

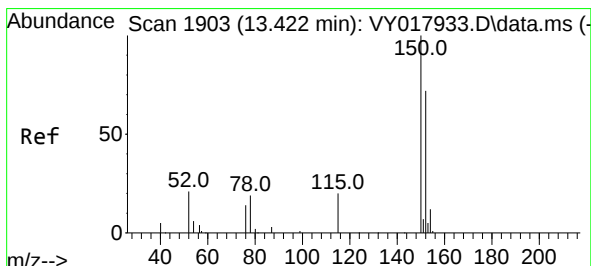
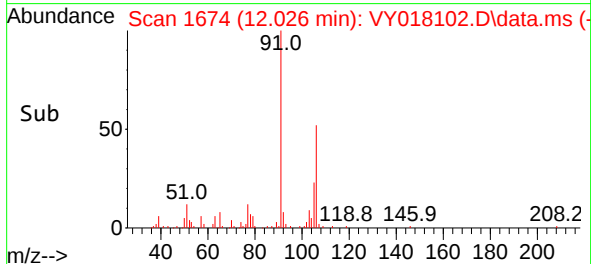
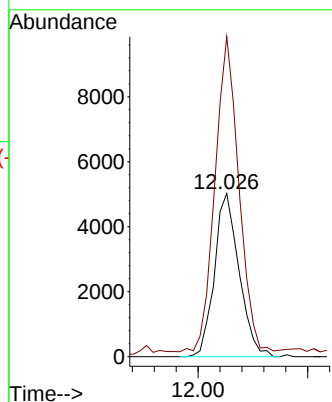
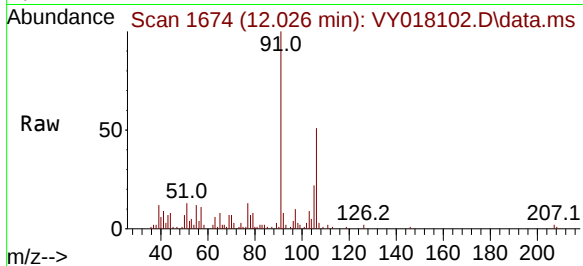




#69
o-Xylene
Concen: 1.202 ug/l
RT: 12.026 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018102.D
Acq: 01 May 2024 17:03

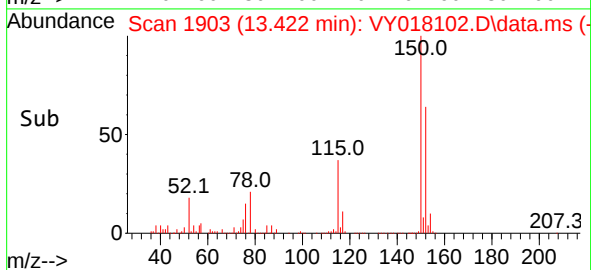
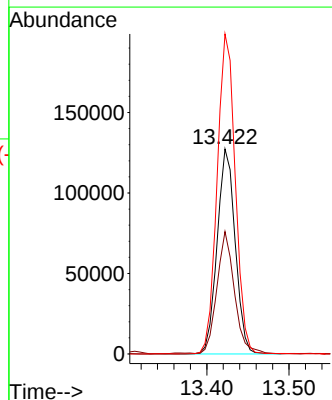
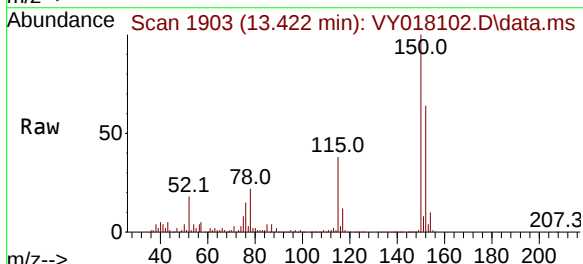
Instrument :
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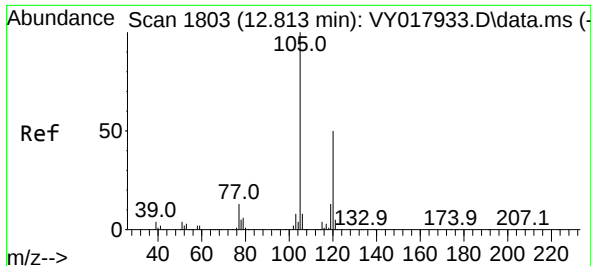
Tgt Ion:106 Resp: 7825
Ion Ratio Lower Upper
106 100
91 188.1 103.6 310.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY018102.D
Acq: 01 May 2024 17:03

Tgt Ion:152 Resp: 194212
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 156.8 0.0 345.6

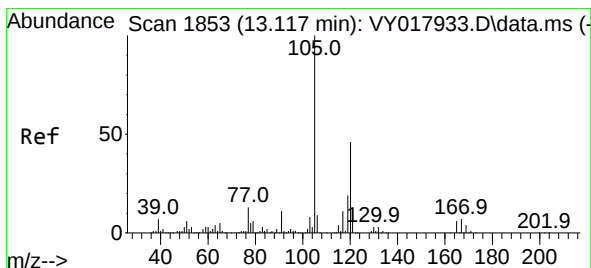
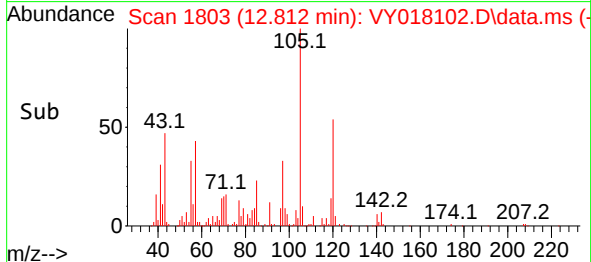
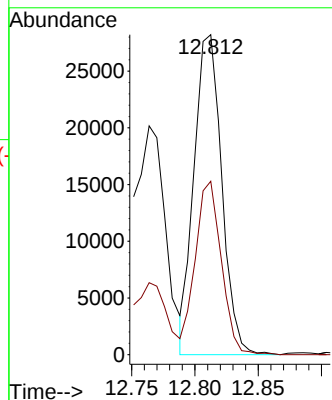
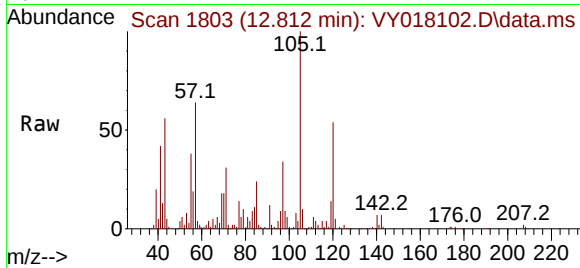




#80
1,3,5-Trimethylbenzene
Concen: 3.649 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018102.D
Acq: 01 May 2024 17:03

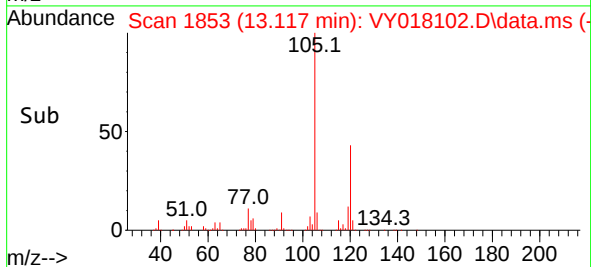
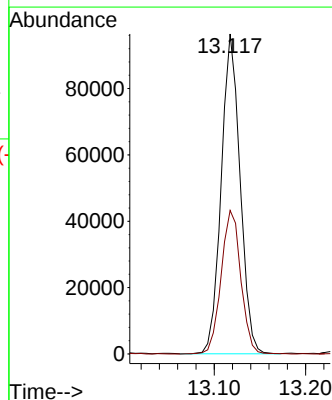
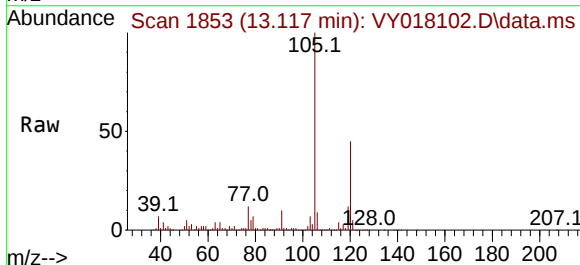
Instrument :
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ClientSampleId :
TR-05-042924

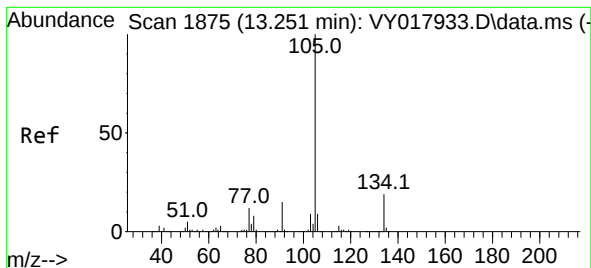
Tgt Ion:105 Resp: 42989
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.2



#84
1,2,4-Trimethylbenzene
Concen: 11.979 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018102.D
Acq: 01 May 2024 17:03

Tgt Ion:105 Resp: 138250
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 1.267 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018102.D

Acq: 01 May 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

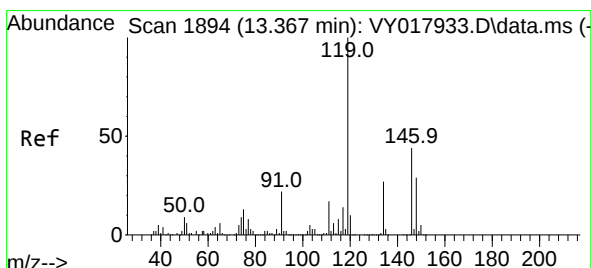
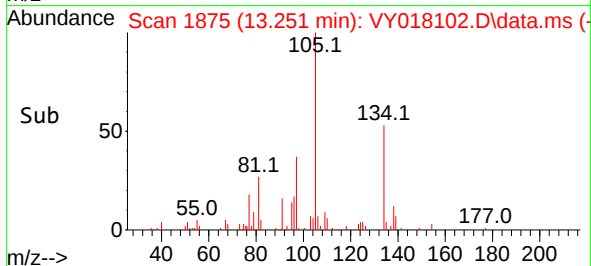
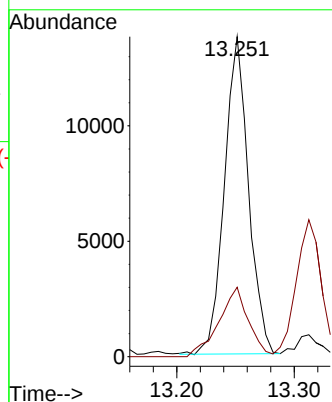
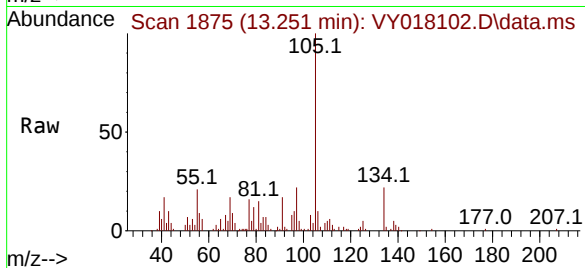
TR-05-042924

Tgt Ion:105 Resp: 19617

Ion Ratio Lower Upper

105 100

134 26.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 1.023 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018102.D

Acq: 01 May 2024 17:03

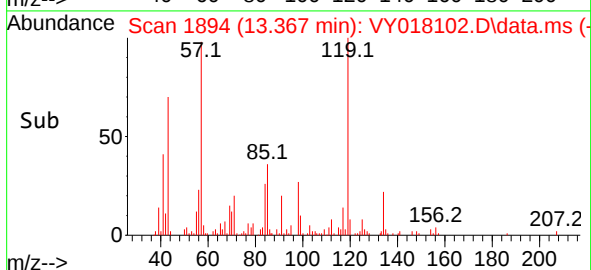
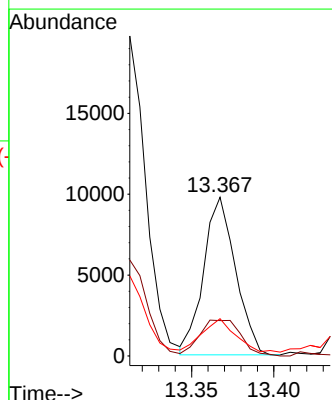
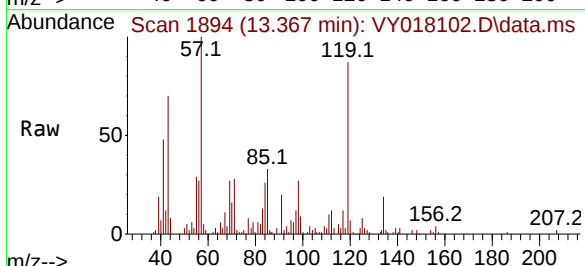
Tgt Ion:119 Resp: 13195

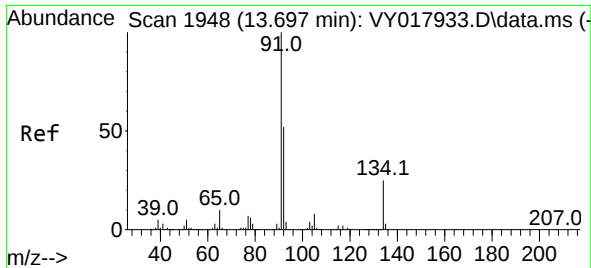
Ion Ratio Lower Upper

119 100

134 29.3 13.1 39.3

91 21.8 10.7 32.1





#89

n-Butylbenzene

Concen: 1.832 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018102.D

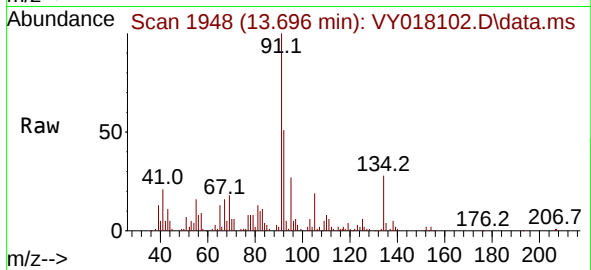
Acq: 01 May 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-042924



Tgt Ion:	91	Resp:	20906
Ion Ratio	Lower	Upper	
91	100		
92	67.4	26.6	79.7
134	0.0	12.9	38.7#

