

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013729.D
 Acq On : 15 May 2023 12:09
 Operator : KP/MD
 Sample : 02745-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-051023

Quant Time: May 15 15:38:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

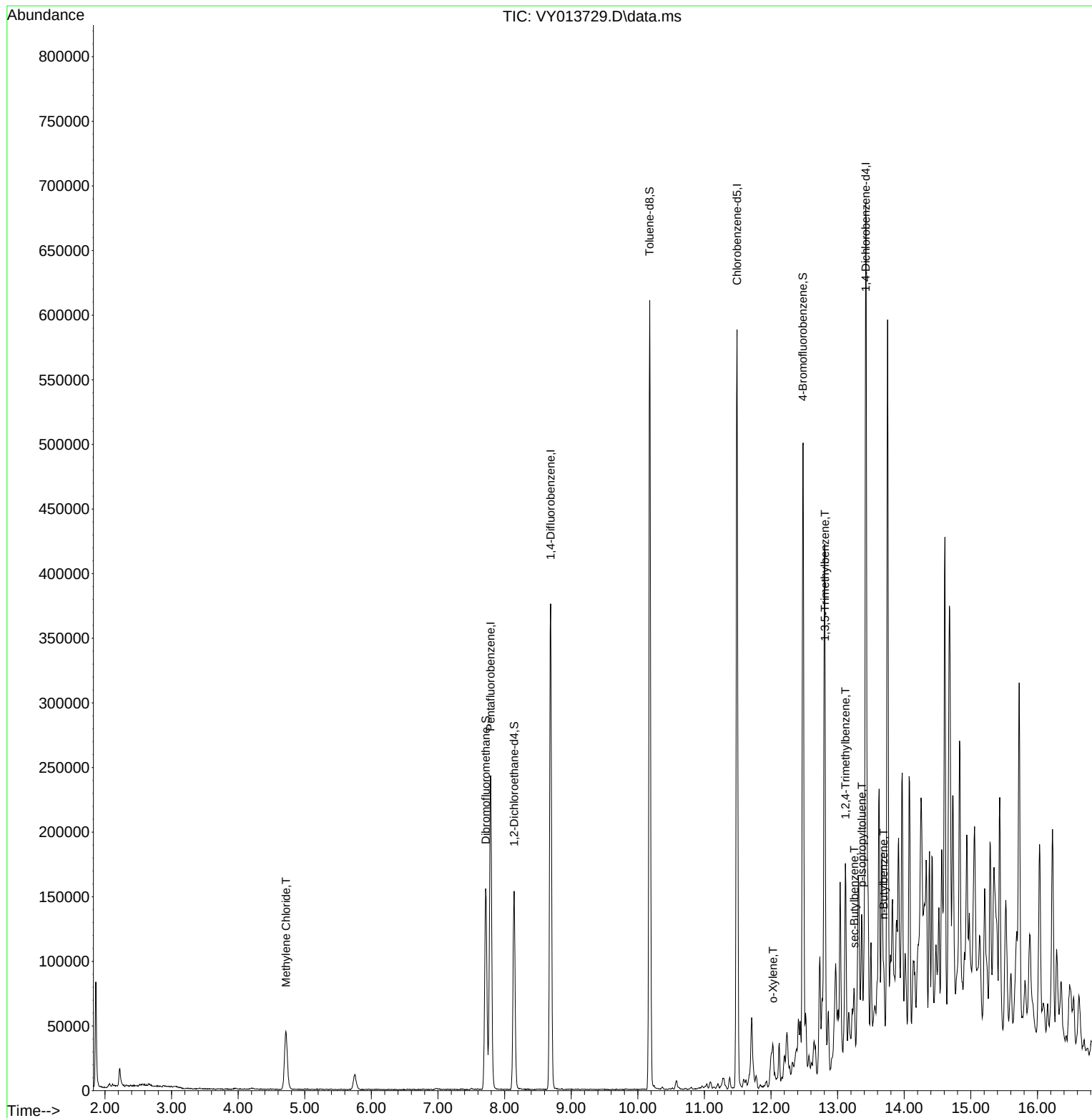
Internal Standards						
1) Pentafluorobenzene	7.789	168	187189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	315701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	120946	58.940	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.880%	
35) Dibromofluoromethane	7.716	113	106832	53.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.600%	
50) Toluene-d8	10.179	98	386101	54.660	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.320%	
62) 4-Bromofluorobenzene	12.477	95	137281	57.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.300%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	31757	5.315	ug/l	87
69) o-Xylene	12.032	106	5560	1.324	ug/l	80
80) 1,3,5-Trimethylbenzene	12.812	105	33657	3.643	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	73061	8.133	ug/l	99
85) sec-Butylbenzene	13.251	105	15772	1.313	ug/l	94
86) p-Isopropyltoluene	13.367	119	13225	1.369	ug/l	96
89) n-Butylbenzene	13.690	91	18357	1.947	ug/l #	71

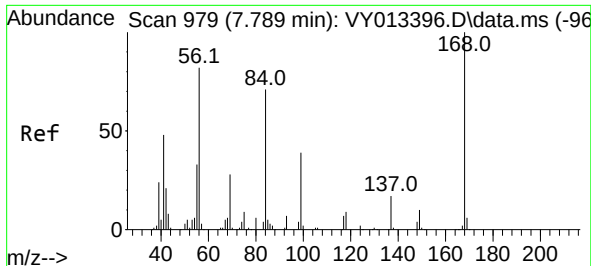
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
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Quant Title : SW846 8260
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Response via : Initial Calibration

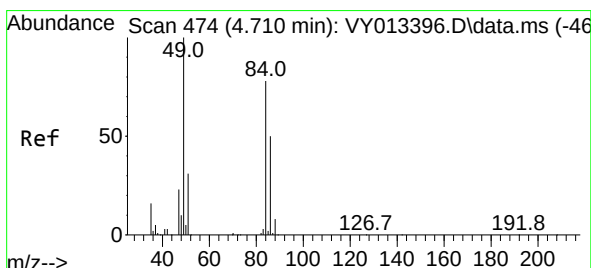
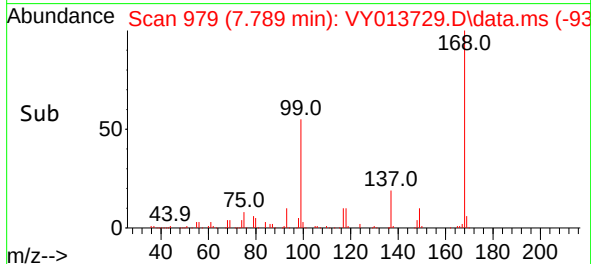
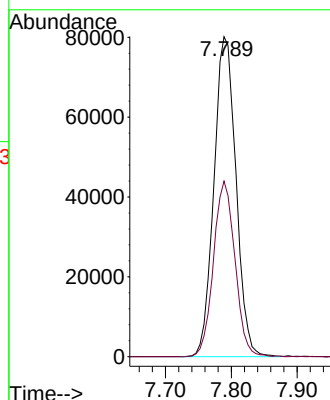
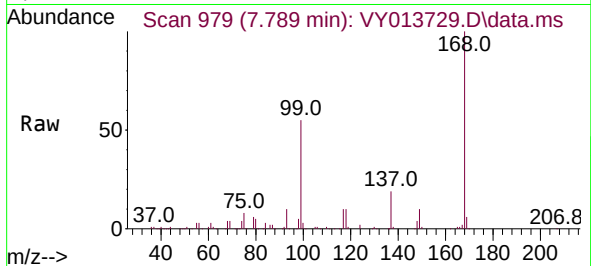




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013729.D
Acq: 15 May 2023 12:09

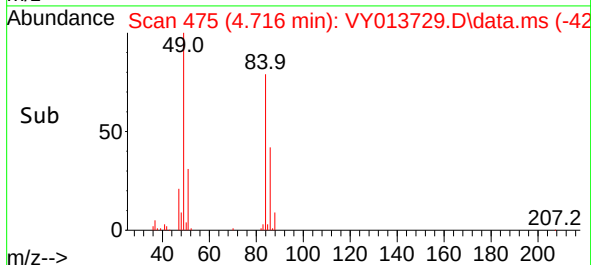
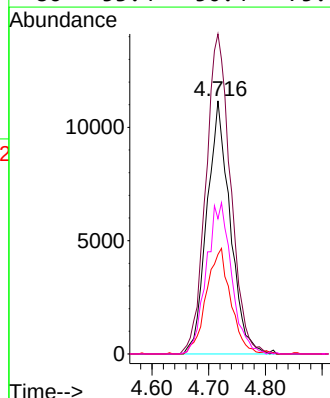
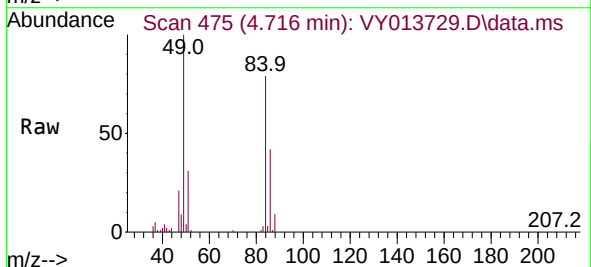
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

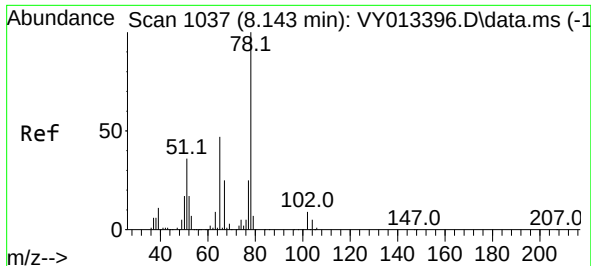
Tgt Ion:168 Resp: 187189
Ion Ratio Lower Upper
168 100
99 54.8 41.8 62.6



#20
Methylene Chloride
Concen: 5.315 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013729.D
Acq: 15 May 2023 12:09

Tgt Ion: 84 Resp: 31757
Ion Ratio Lower Upper
84 100
49 126.5 88.0 132.0
51 39.3 27.4 41.0
86 53.4 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 58.940 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY013729.D

Acq: 15 May 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

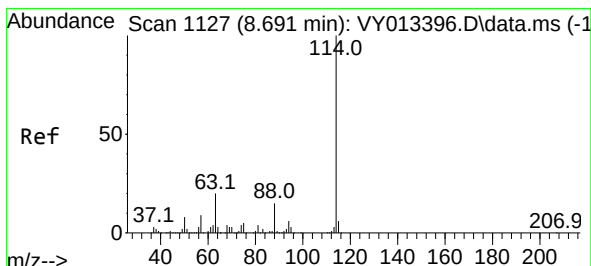
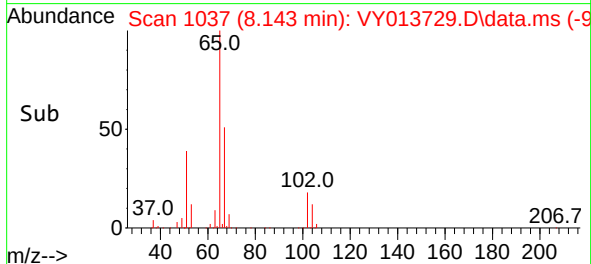
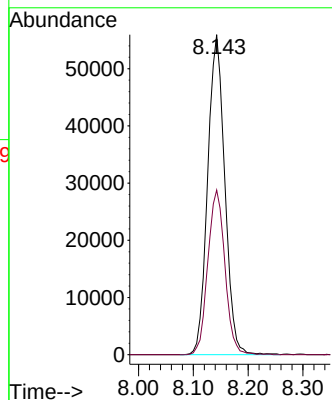
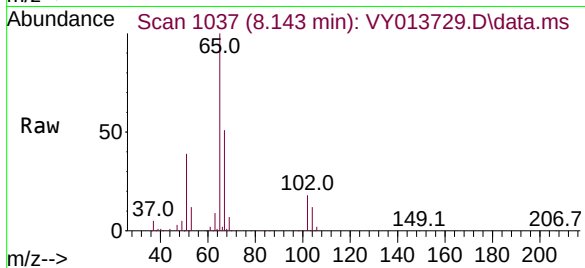
NB-08-051023

Tgt Ion: 65 Resp: 120946

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013729.D

Acq: 15 May 2023 12:09

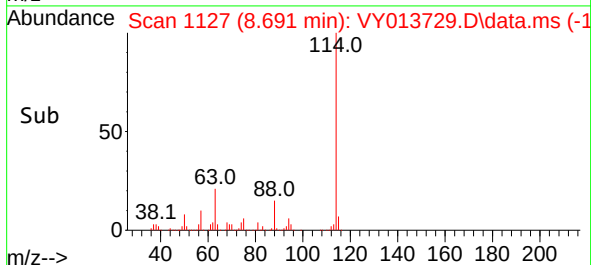
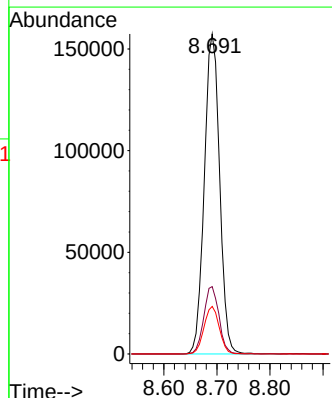
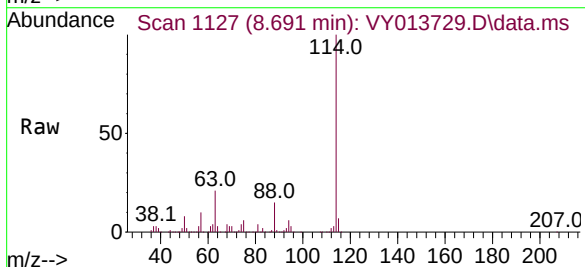
Tgt Ion: 114 Resp: 315701

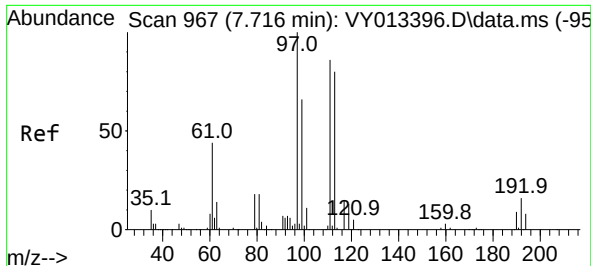
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.6

88 14.8 0.0 28.8

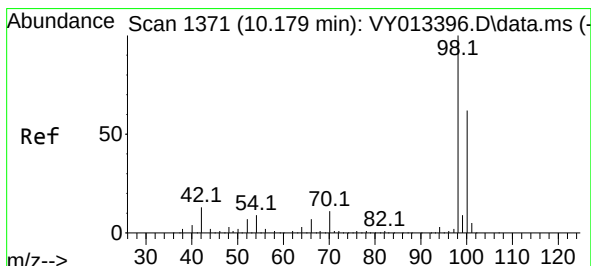
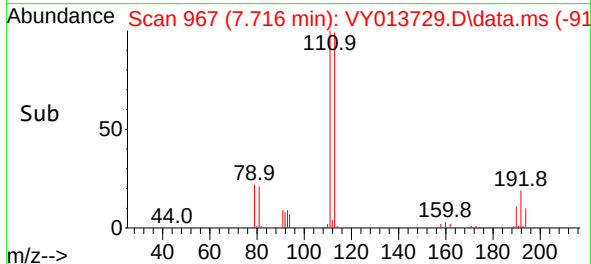
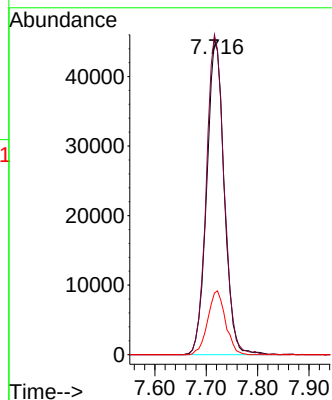
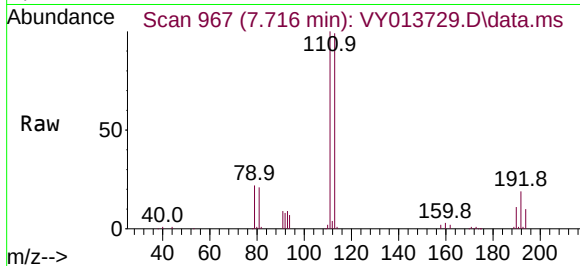




#35
Dibromofluoromethane
Concen: 53.803 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013729.D
Acq: 15 May 2023 12:09

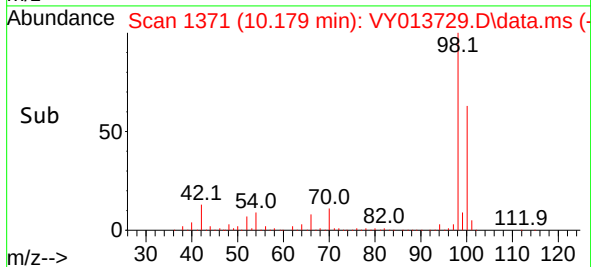
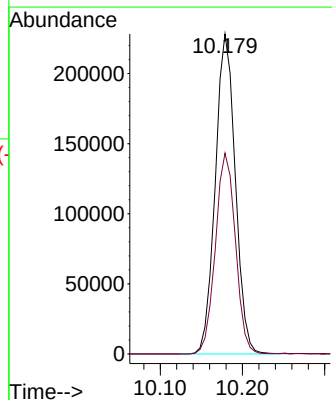
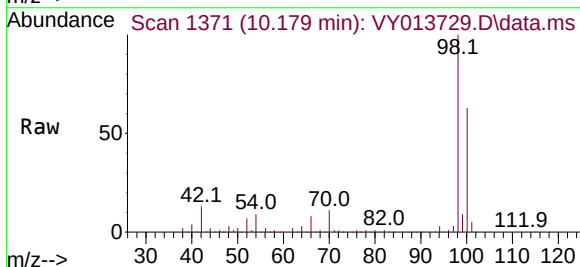
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

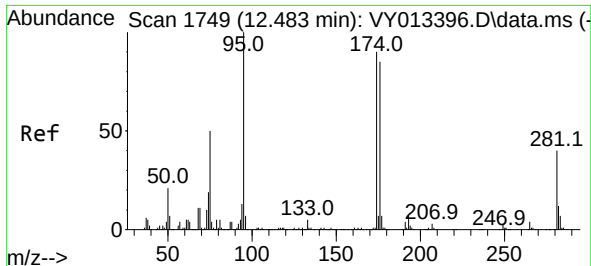
Tgt Ion:113 Resp: 106832
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 20.6 16.7 25.1



#50
Toluene-d8
Concen: 54.660 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013729.D
Acq: 15 May 2023 12:09

Tgt Ion: 98 Resp: 386101
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7

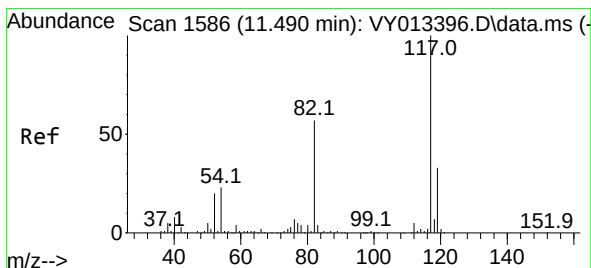
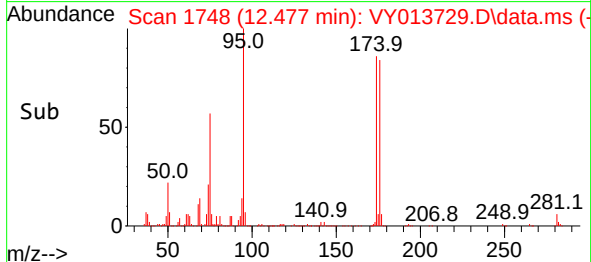
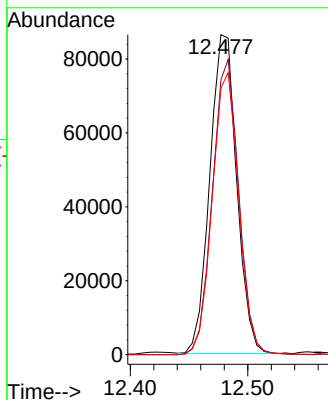
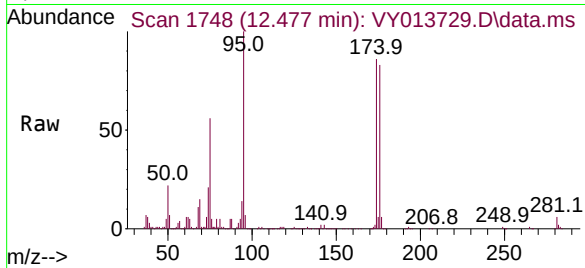




#62
4-Bromofluorobenzene
Concen: 57.649 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013729.D
Acq: 15 May 2023 12:09

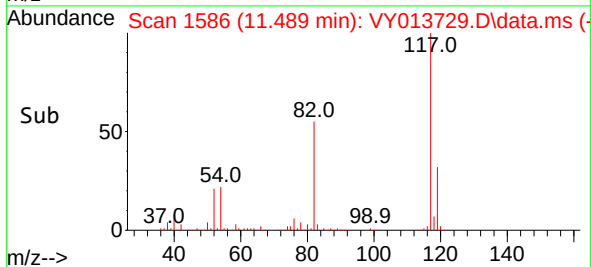
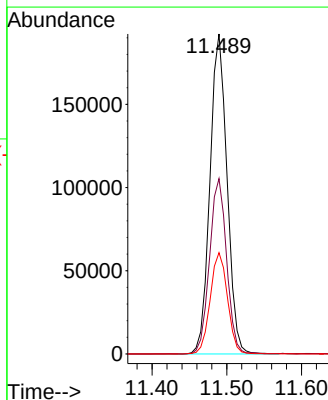
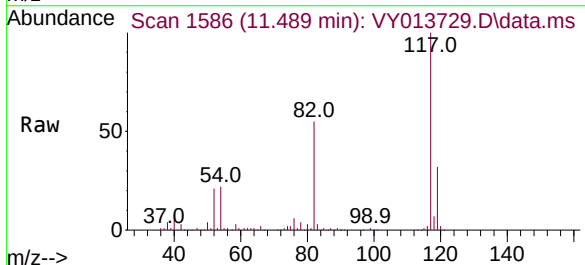
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-051023

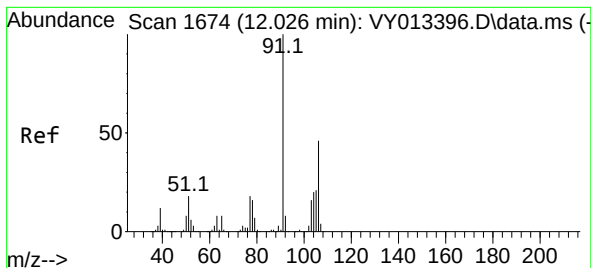
Tgt Ion: 95 Resp: 137281
Ion Ratio Lower Upper
95 100
174 90.8 0.0 182.0
176 87.4 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013729.D
Acq: 15 May 2023 12:09

Tgt Ion: 117 Resp: 305337
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.6
119 31.7 25.5 38.3





#69

o-Xylene

Concen: 1.324 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013729.D

Acq: 15 May 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

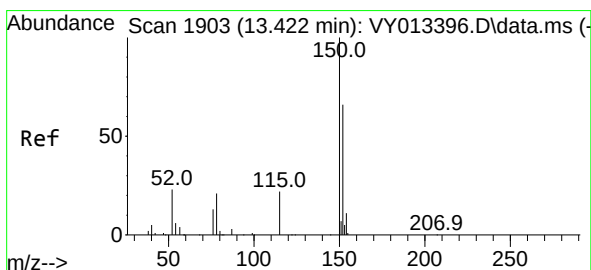
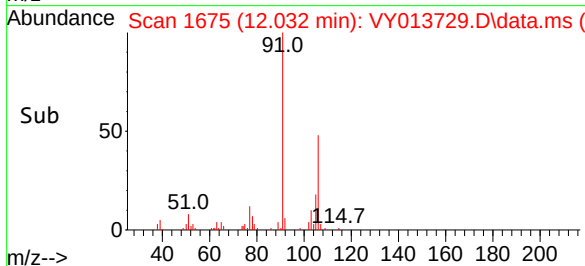
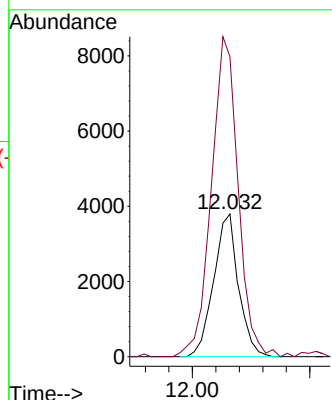
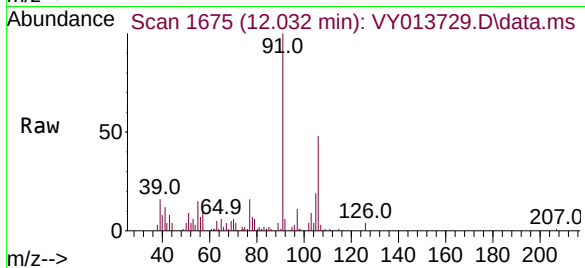
NB-08-051023

Tgt Ion:106 Resp: 5560

Ion Ratio Lower Upper

106 100

91 242.6 105.5 316.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013729.D

Acq: 15 May 2023 12:09

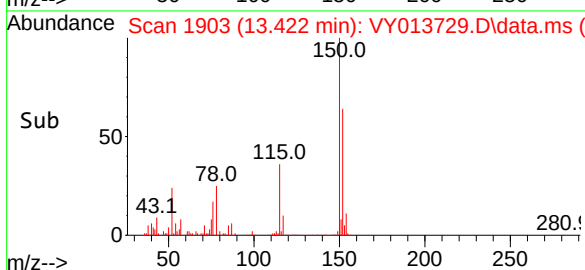
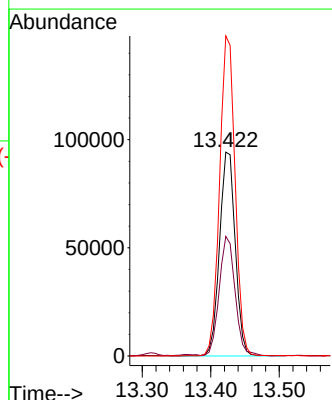
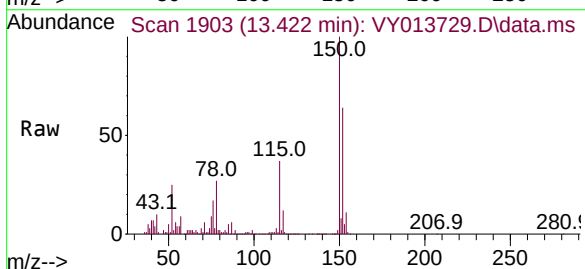
Tgt Ion:152 Resp: 149675

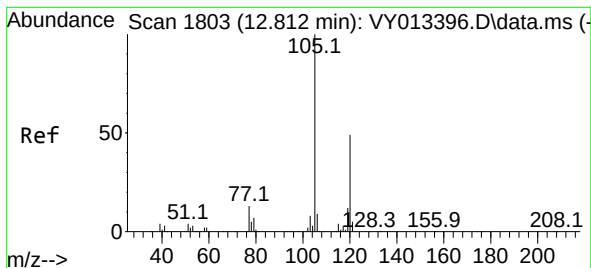
Ion Ratio Lower Upper

152 100

115 59.1 28.1 84.2

150 154.2 0.0 352.0





#80

1,3,5-Trimethylbenzene

Concen: 3.643 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013729.D

Acq: 15 May 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

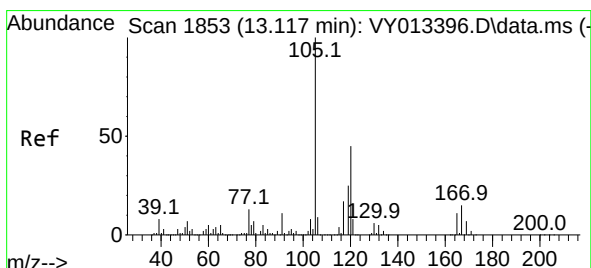
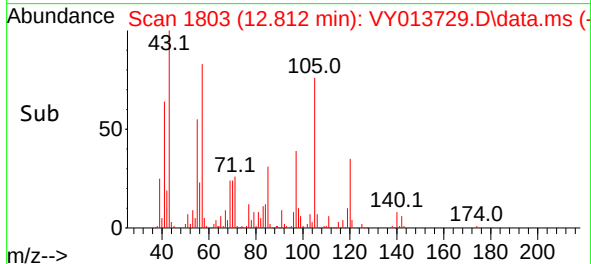
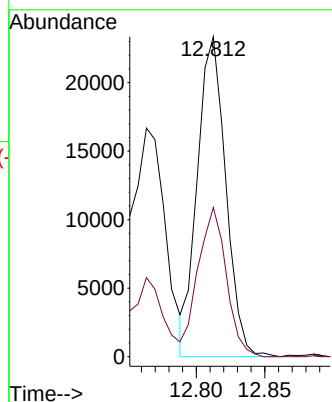
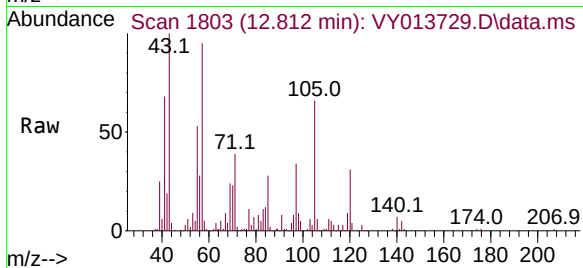
NB-08-051023

Tgt Ion:105 Resp: 33657

Ion Ratio Lower Upper

105 100

120 46.5 24.7 74.1



#84

1,2,4-Trimethylbenzene

Concen: 8.133 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013729.D

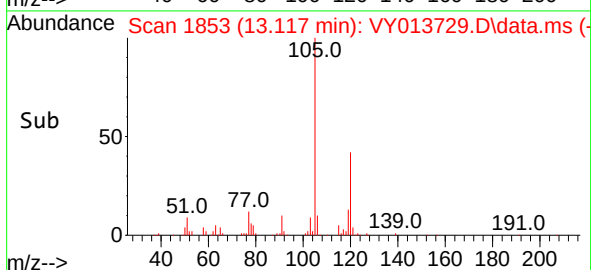
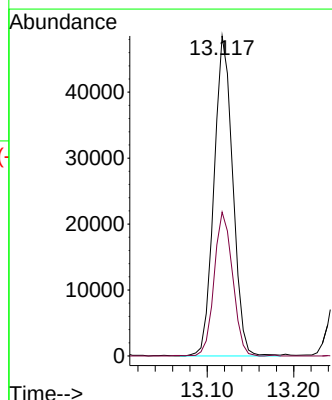
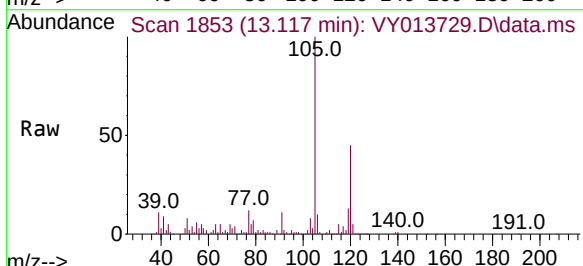
Acq: 15 May 2023 12:09

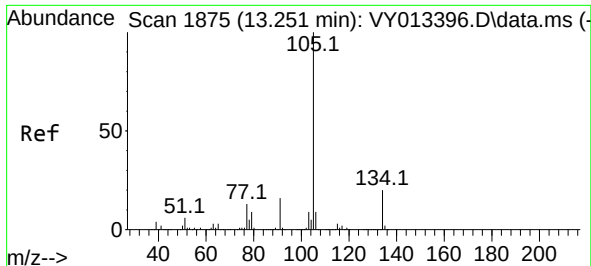
Tgt Ion:105 Resp: 73061

Ion Ratio Lower Upper

105 100

120 44.1 22.3 66.9

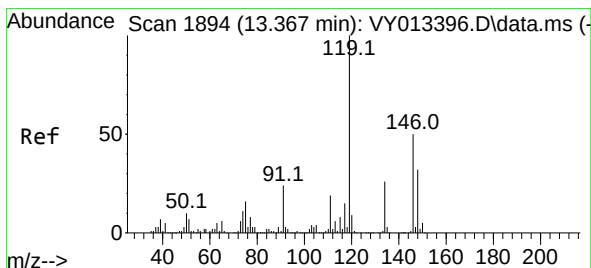
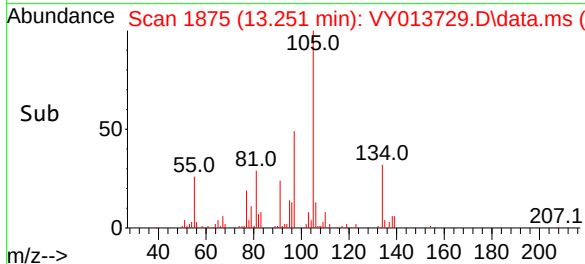
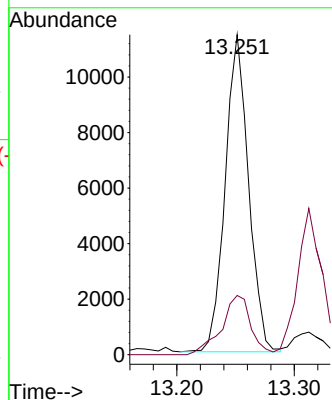
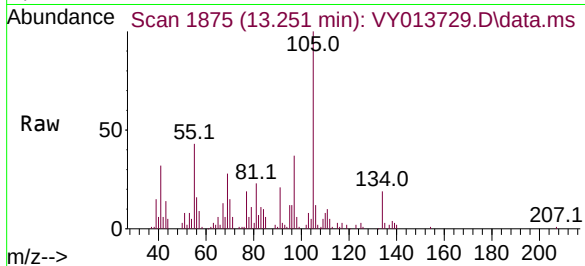




#85
 sec-Butylbenzene
 Concen: 1.313 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013729.D
 Acq: 15 May 2023 12:09

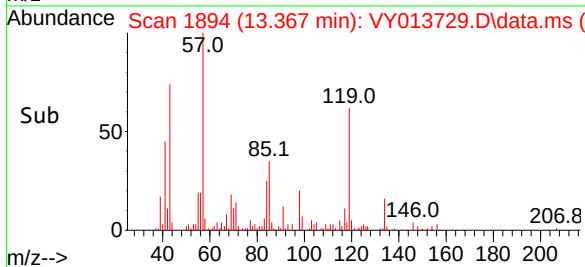
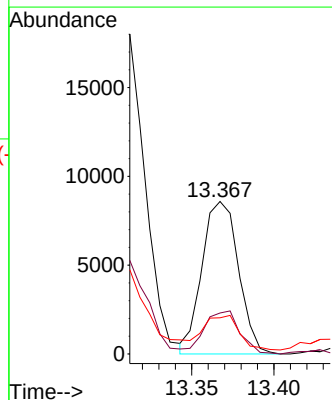
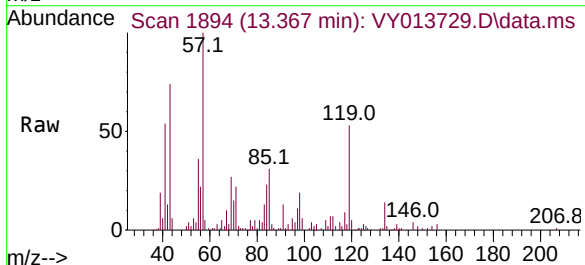
Instrument :
 MSVOA_Y
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 NB-08-051023

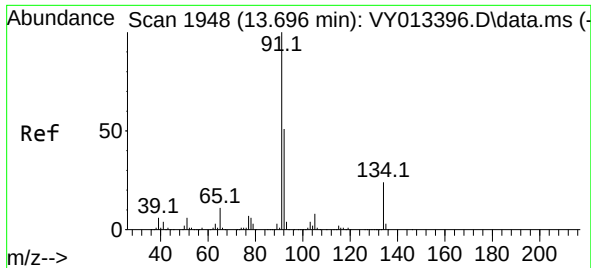
Tgt Ion:105 Resp: 15772
 Ion Ratio Lower Upper
 105 100
 134 23.4 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 1.369 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013729.D
 Acq: 15 May 2023 12:09

Tgt Ion:119 Resp: 13225
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.4 40.2
 91 21.5 12.1 36.3





#89

n-Butylbenzene

Concen: 1.947 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.006 min

Lab File: VY013729.D

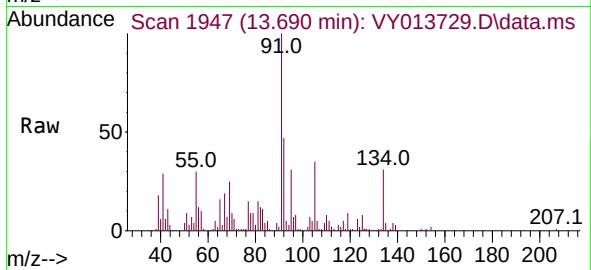
Acq: 15 May 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-051023



Tgt Ion:	91	Resp:	18357
Ion	Ratio	Lower	Upper
91	100		
92	63.5	25.8	77.3
134	0.0	13.5	40.4#

