

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011246.D
 Acq On : 02 Nov 2022 01:54
 Operator : KP/MD
 Sample : N5337-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-11.5-12.0

Quant Time: Nov 02 03:07:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

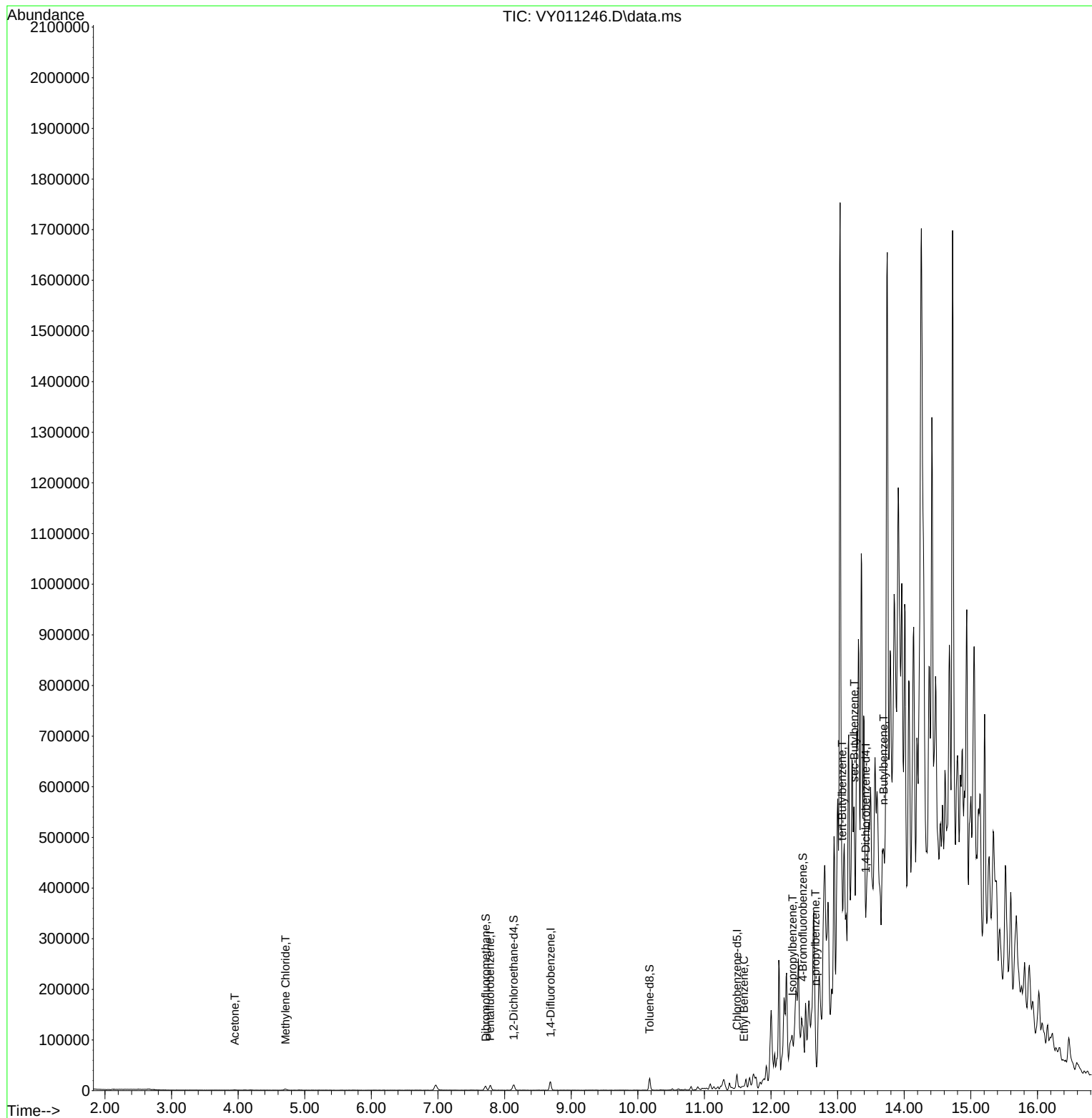
Internal Standards						
1) Pentafluorobenzene	7.783	168	7847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8319	99.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 198.260%#	
35) Dibromofluoromethane	7.716	113	5599	57.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.400%	
50) Toluene-d8	10.179	98	15945	42.325	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.660%	
62) 4-Bromofluorobenzene	12.477	95	13753	105.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 210.320%#	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1136	44.842	ug/l #	61
20) Methylene Chloride	4.710	84	1883	14.616	ug/l #	70
67) Ethyl Benzene	11.593	91	1507	2.702	ug/l	90
73) Isopropylbenzene	12.325	105	6080	8.053	ug/l	99
78) n-propylbenzene	12.666	91	16858	18.248	ug/l	99
83) tert-Butylbenzene	13.068	119	4205	7.639	ug/l	85
85) sec-Butylbenzene	13.251	105	47506	58.205	ug/l #	74
89) n-Butylbenzene	13.690	91	37311	58.733	ug/l #	69

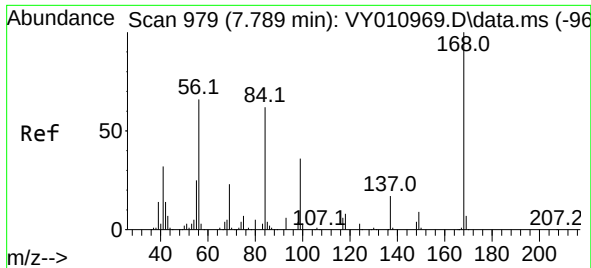
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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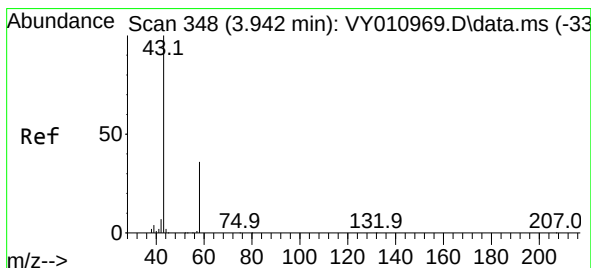
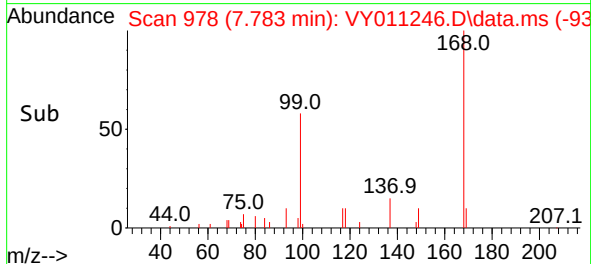
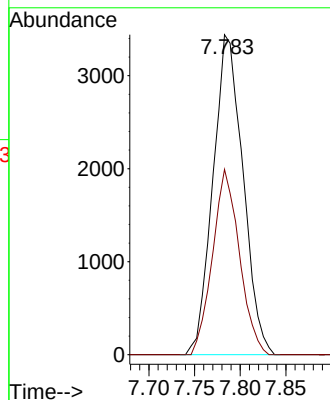
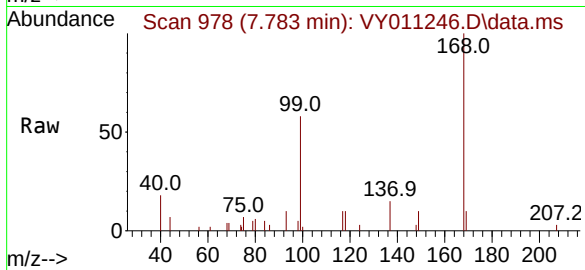




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011246.D
Acq: 02 Nov 2022 01:54

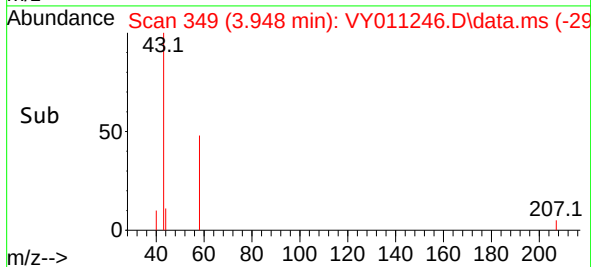
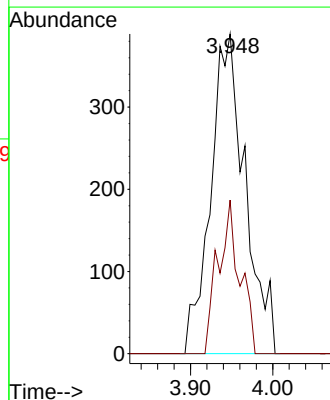
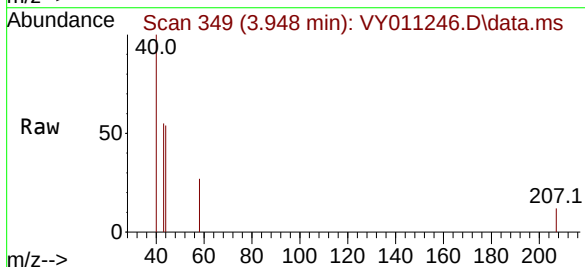
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

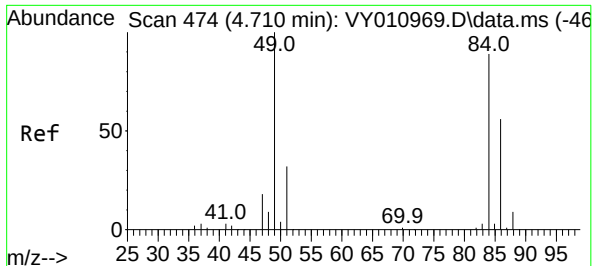
Tgt Ion:168 Resp: 7847
Ion Ratio Lower Upper
168 100
99 57.9 46.9 70.3



#16
Acetone
Concen: 44.842 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011246.D
Acq: 02 Nov 2022 01:54

Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 48.1 22.0 33.0#

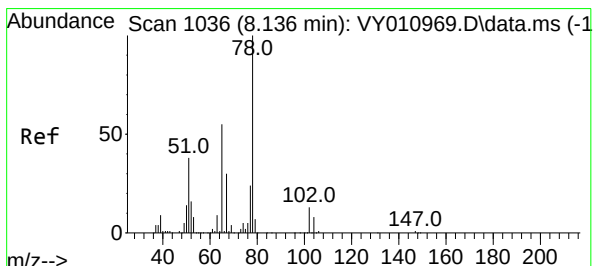
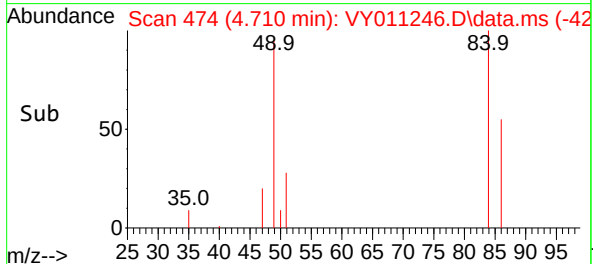
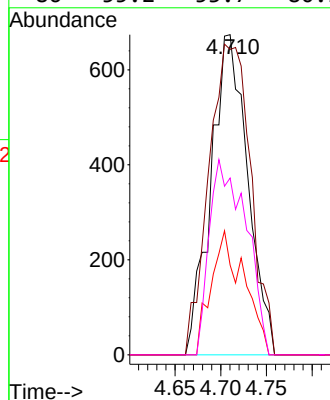
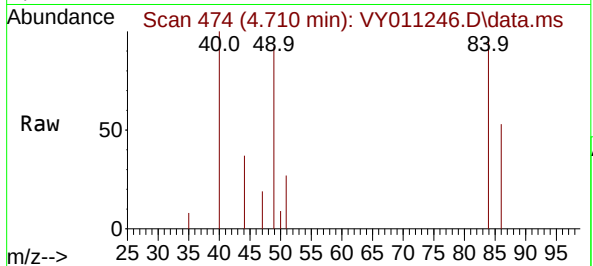




#20
Methylene Chloride
Concen: 14.616 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011246.D
Acq: 02 Nov 2022 01:54

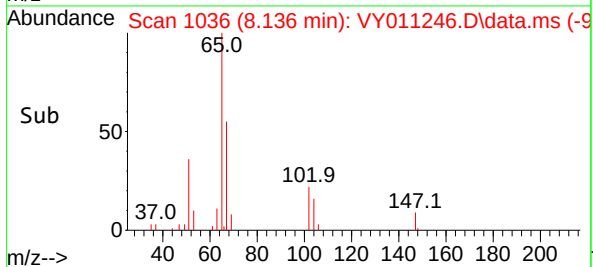
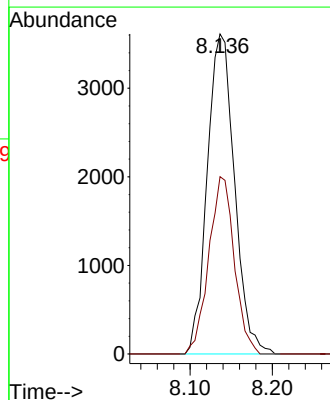
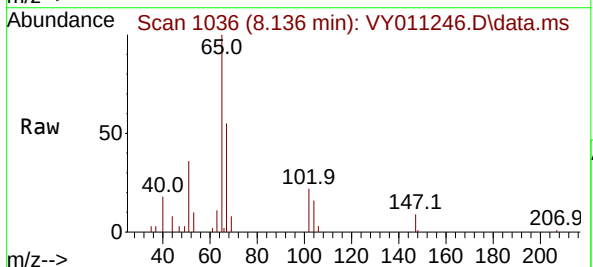
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

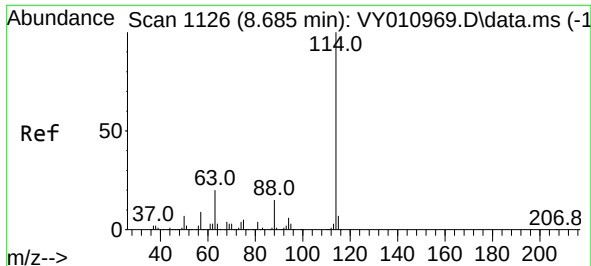
Tgt Ion:	84	Resp:	1883
Ion	Ratio	Lower	Upper
84	100		
49	95.4	114.4	171.6#
51	28.0	35.3	52.9#
86	55.2	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 99.125 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011246.D
Acq: 02 Nov 2022 01:54

Tgt Ion:	65	Resp:	8319
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	99.4

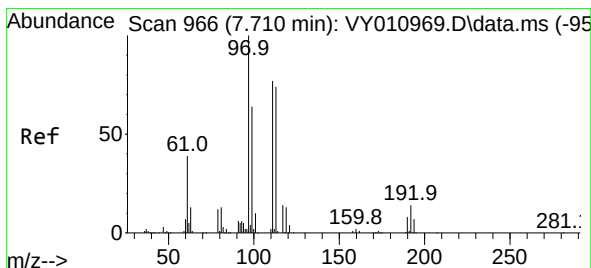
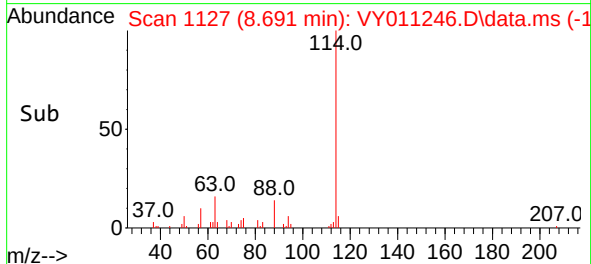
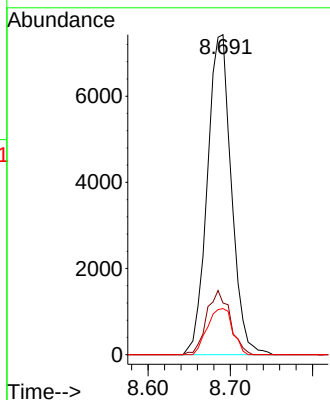
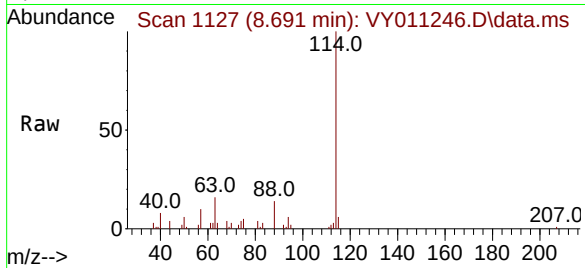




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY011246.D
Acq: 02 Nov 2022 01:54

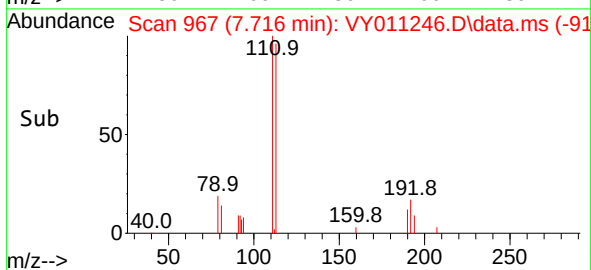
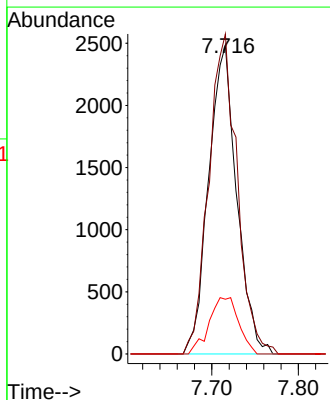
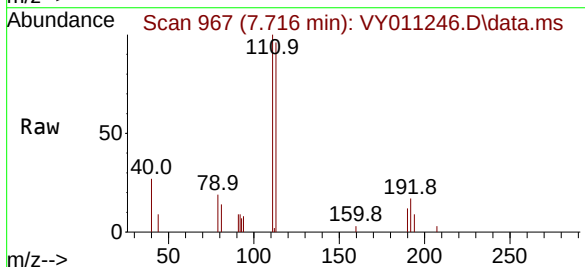
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

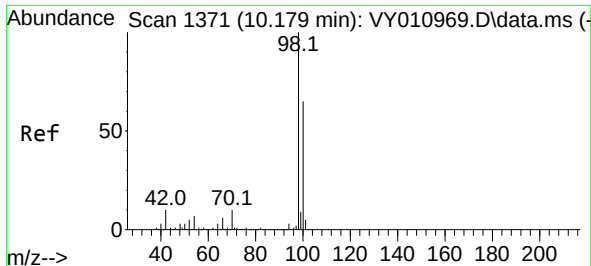
Tgt Ion:	114	Resp:	15102
Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	43.2
88	14.4	0.0	31.8



#35
Dibromofluoromethane
Concen: 57.704 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011246.D
Acq: 02 Nov 2022 01:54

Tgt Ion:	113	Resp:	5599
Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.6	124.0
192	19.3	17.6	26.4

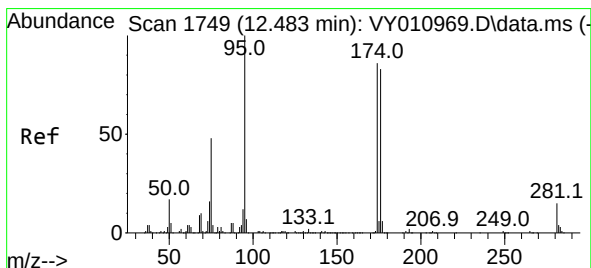
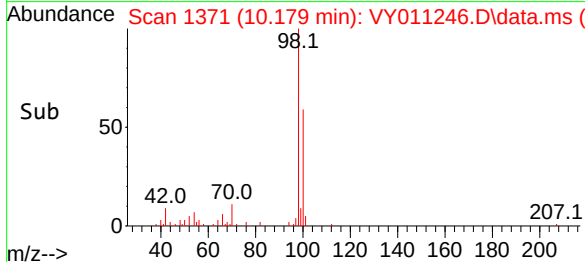
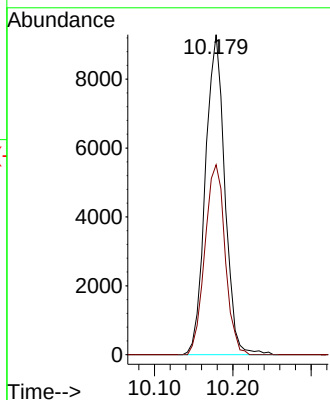
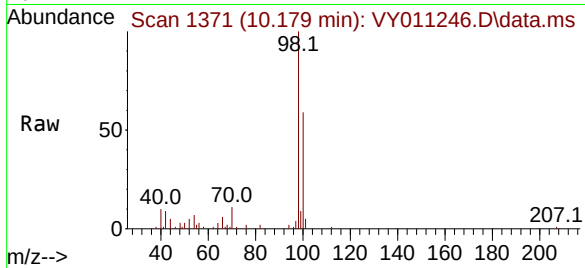




#50
Toluene-d8
Concen: 42.325 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011246.D
Acq: 02 Nov 2022 01:54

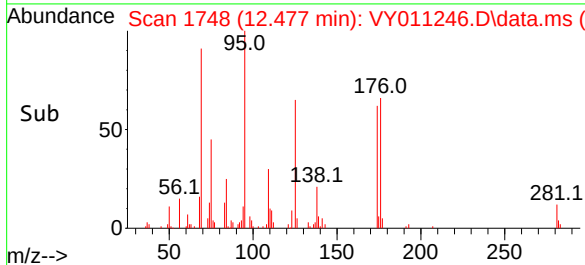
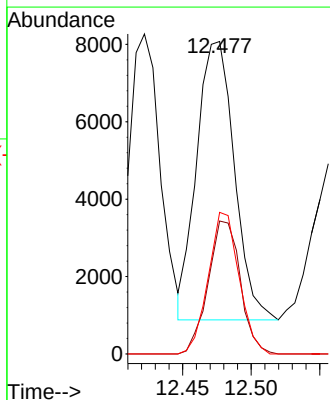
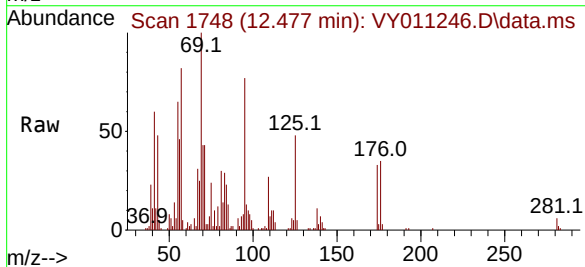
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

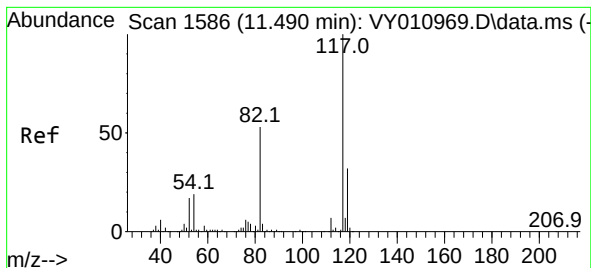
Tgt Ion: 98 Resp: 15945
Ion Ratio Lower Upper
98 100
100 61.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 105.158 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011246.D
Acq: 02 Nov 2022 01:54

Tgt Ion: 95 Resp: 13753
Ion Ratio Lower Upper
95 100
174 40.7 0.0 177.0
176 41.6 0.0 175.8

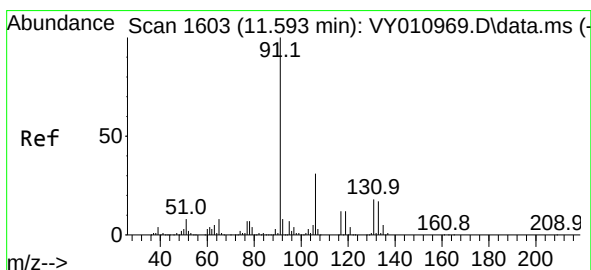
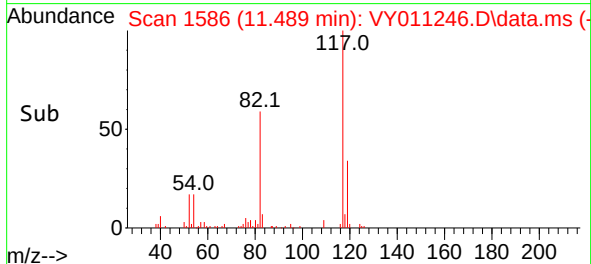
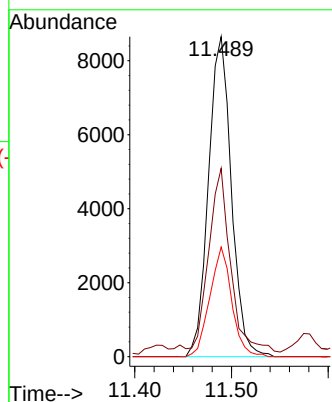
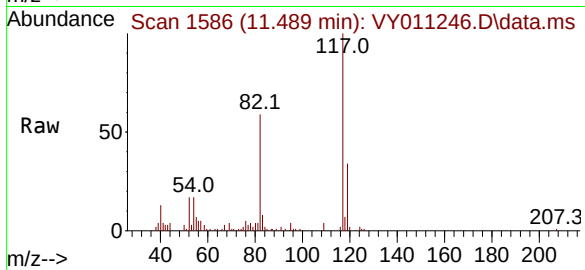




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011246.D
Acq: 02 Nov 2022 01:54

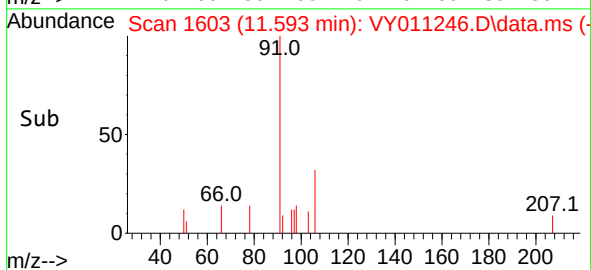
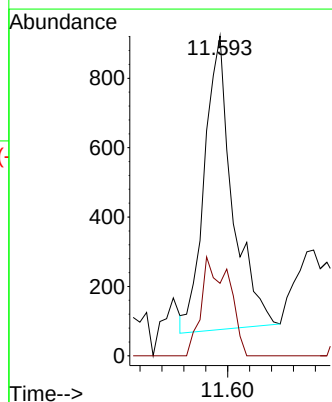
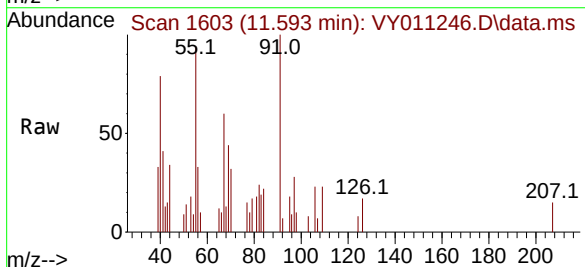
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

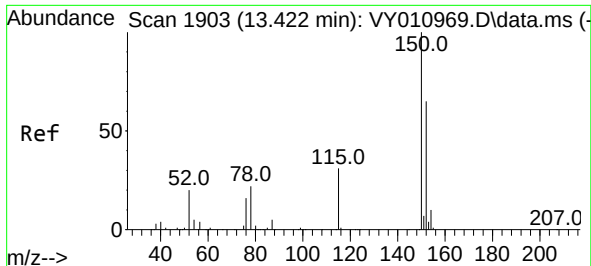
Tgt Ion:117 Resp: 14251
Ion Ratio Lower Upper
117 100
82 57.4 43.0 64.4
119 34.3 25.4 38.0



#67
Ethyl Benzene
Concen: 2.702 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011246.D
Acq: 02 Nov 2022 01:54

Tgt Ion: 91 Resp: 1507
Ion Ratio Lower Upper
91 100
106 25.2 24.5 36.7

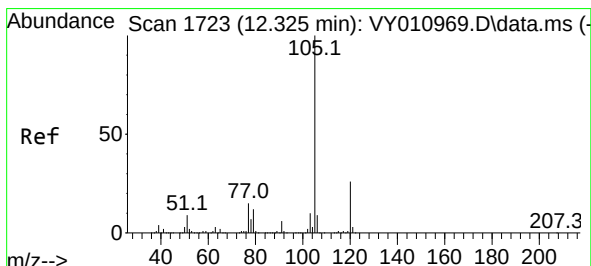
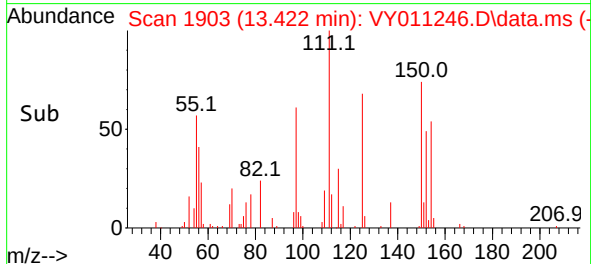
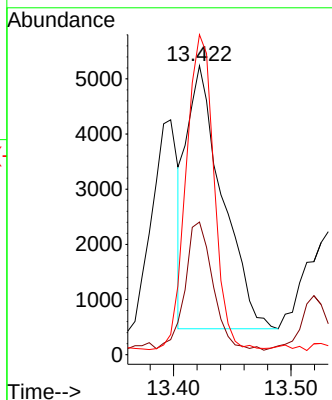
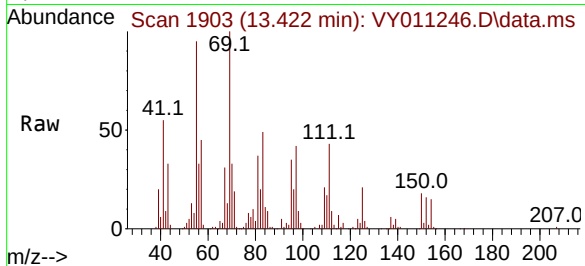




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011246.D
 Acq: 02 Nov 2022 01:54

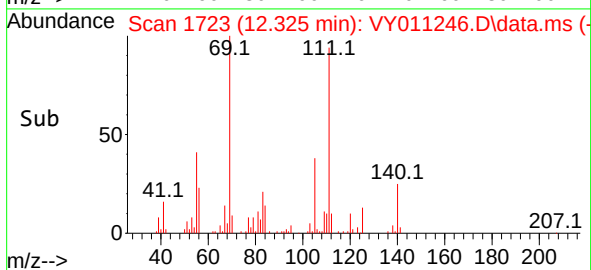
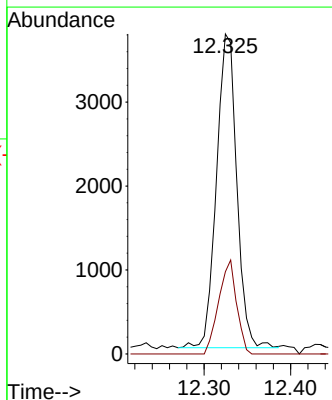
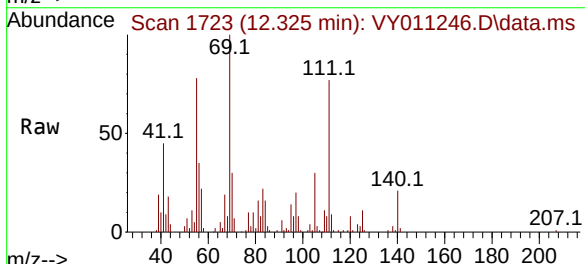
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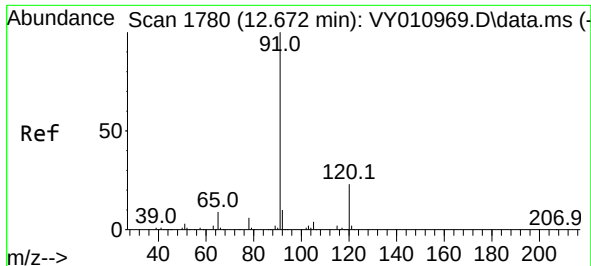
Tgt Ion:152 Resp: 10098
 Ion Ratio Lower Upper
 152 100
 115 38.2 28.2 84.7
 150 93.2 0.0 347.6



#73
 Isopropylbenzene
 Concen: 8.053 ug/l
 RT: 12.325 min Scan# 1723
 Delta R.T. -0.000 min
 Lab File: VY011246.D
 Acq: 02 Nov 2022 01:54

Tgt Ion:105 Resp: 6080
 Ion Ratio Lower Upper
 105 100
 120 26.3 13.4 40.2

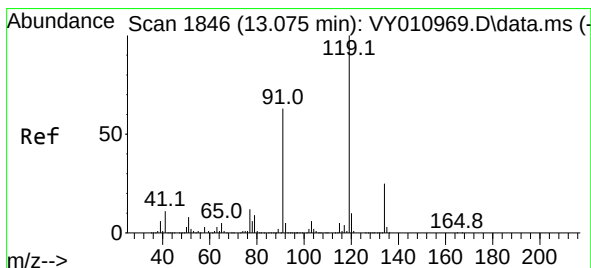
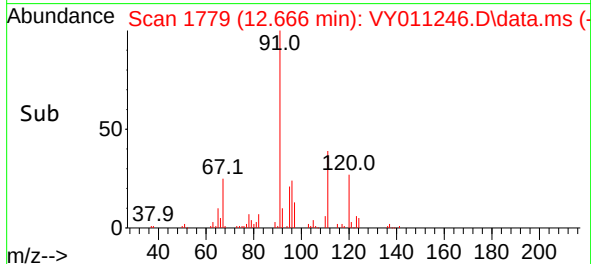
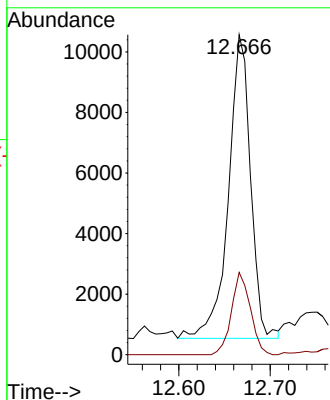
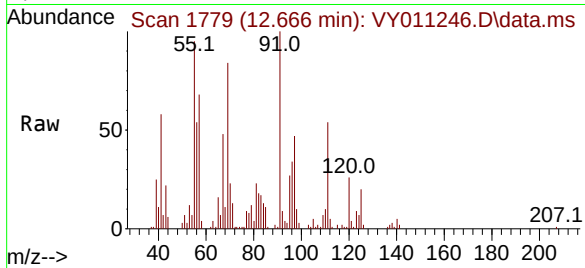




#78
n-propylbenzene
Concen: 18.248 ug/l
RT: 12.666 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011246.D
Acq: 02 Nov 2022 01:54

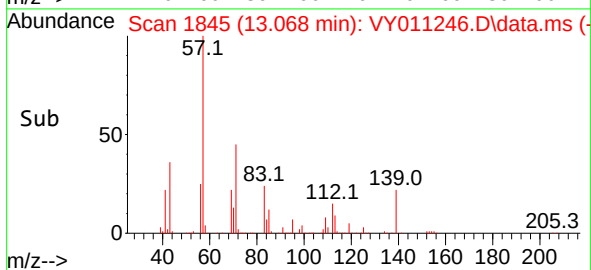
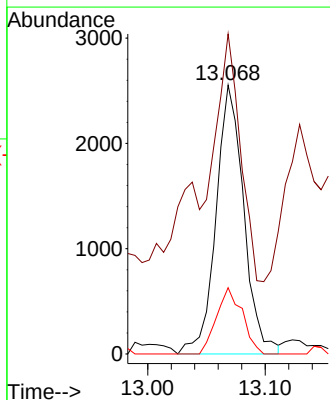
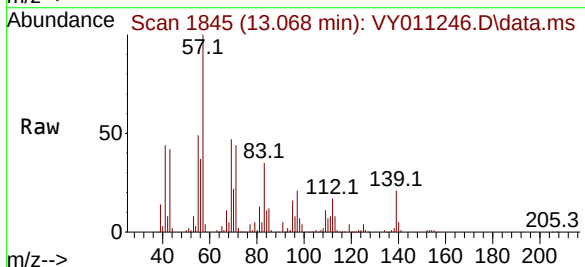
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

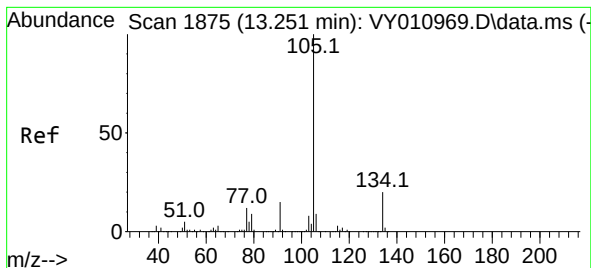
Tgt Ion: 91 Resp: 16858
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9



#83
tert-Butylbenzene
Concen: 7.639 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY011246.D
Acq: 02 Nov 2022 01:54

Tgt Ion: 119 Resp: 4205
Ion Ratio Lower Upper
119 100
91 84.0 34.8 104.4
134 22.8 13.3 39.9





#85

sec-Butylbenzene

Concen: 58.205 ug/l

RT: 13.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011246.D

Acq: 02 Nov 2022 01:54

Instrument :

MSVOA_Y

ClientSampleId :

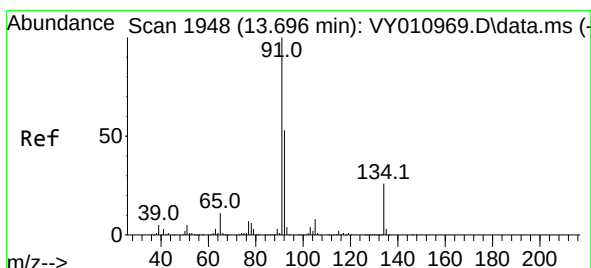
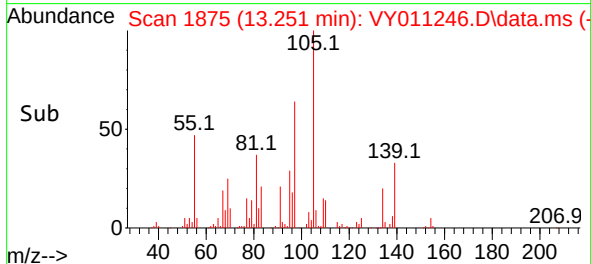
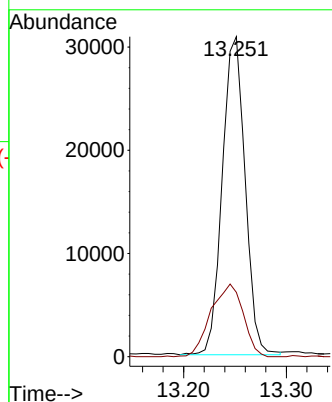
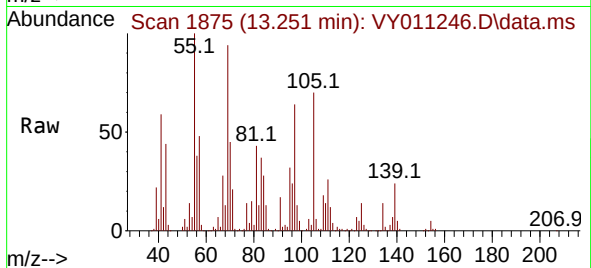
SB-02-11.5-12.0

Tgt Ion:105 Resp: 47506

Ion Ratio Lower Upper

105 100

134 32.4 10.2 30.4#



#89

n-Butylbenzene

Concen: 58.733 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.006 min

Lab File: VY011246.D

Acq: 02 Nov 2022 01:54

Tgt Ion: 91 Resp: 37311

Ion Ratio Lower Upper

91 100

92 44.4 26.3 78.9

134 61.7 13.0 38.9#

