

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010534.D
 Acq On : 16 Sep 2022 14:53
 Operator : KP/MD
 Sample : N4597-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-7.5-8.0

Quant Time: Sep 17 00:28:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

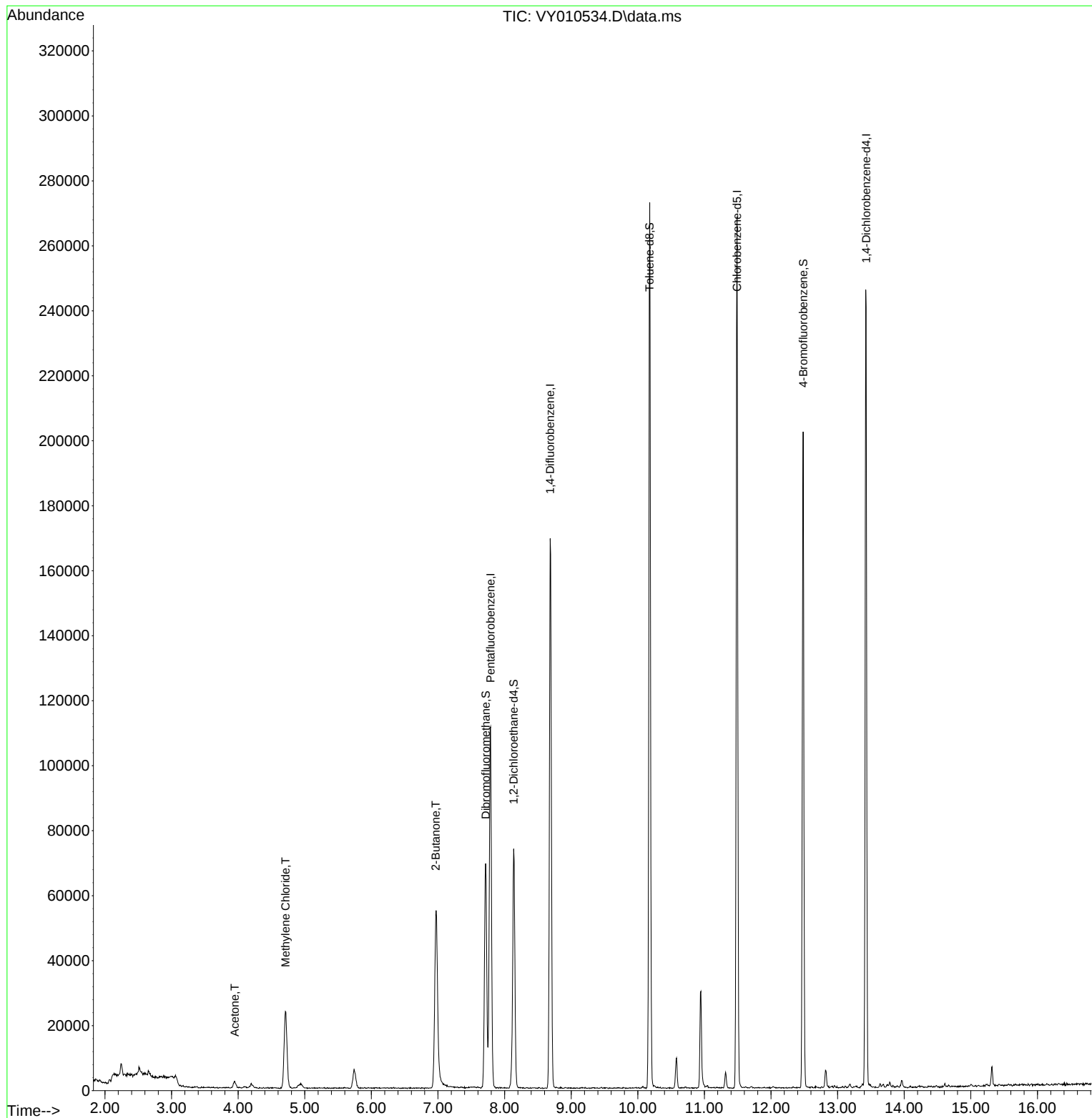
Internal Standards						
1) Pentafluorobenzene	7.789	168	87365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	151578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54407	61.833	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.660%			
35) Dibromofluoromethane	7.715	113	49397	45.886	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.780%			
50) Toluene-d8	10.178	98	180939	51.861	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.483	95	60499	42.869	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 85.740%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	3520	17.432	ug/l #	81
20) Methylene Chloride	4.710	84	18587	14.072	ug/l #	84
25) 2-Butanone	6.966	43	2809	8.753	ug/l #	85

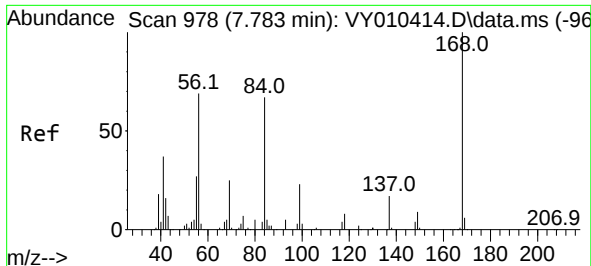
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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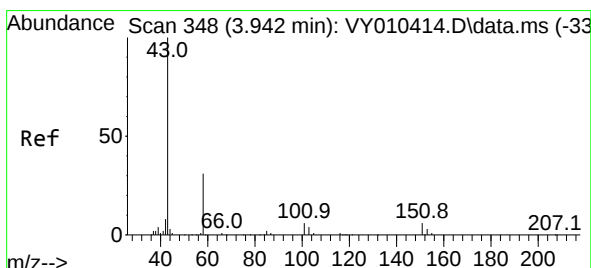
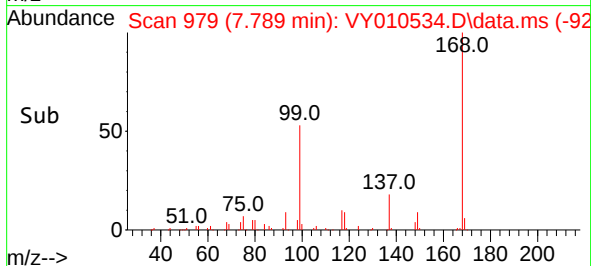
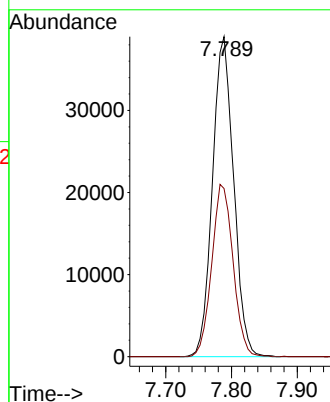
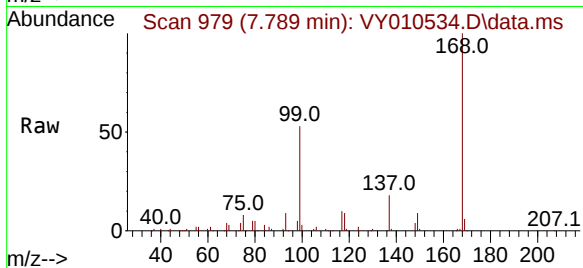




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

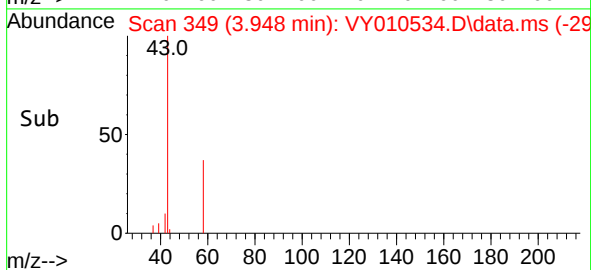
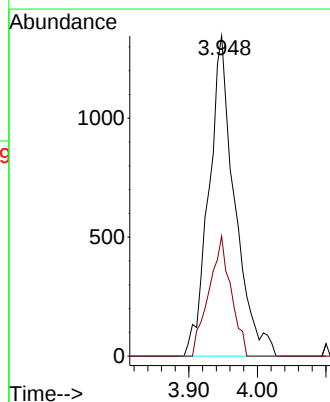
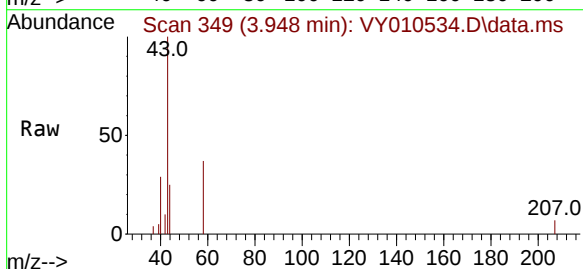
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

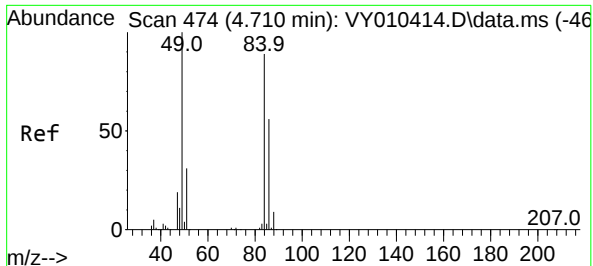
Tgt Ion:168 Resp: 87365
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#16
Acetone
Concen: 17.432 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Tgt Ion: 43 Resp: 3520
Ion Ratio Lower Upper
43 100
58 37.4 22.0 33.0#





#20

Methylene Chloride

Concen: 14.072 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY010534.D

Acq: 16 Sep 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-7.5-8.0

Tgt Ion: 84 Resp: 18587

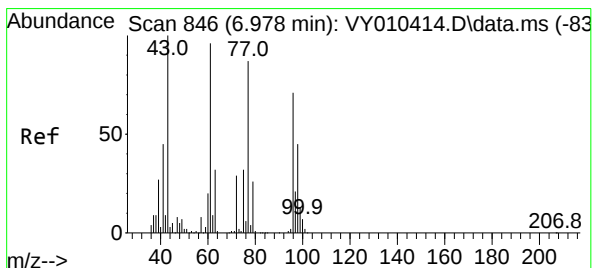
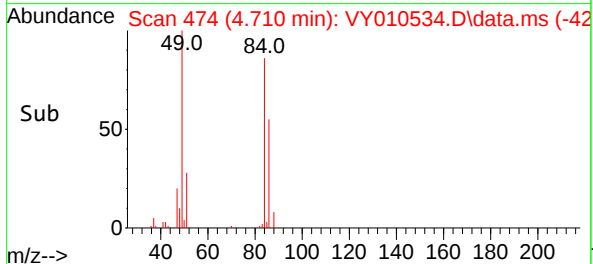
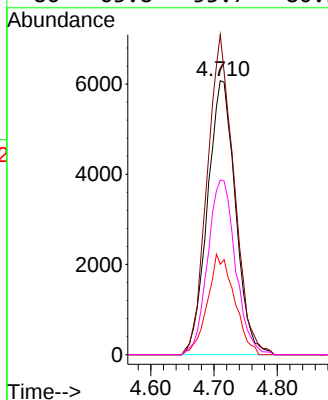
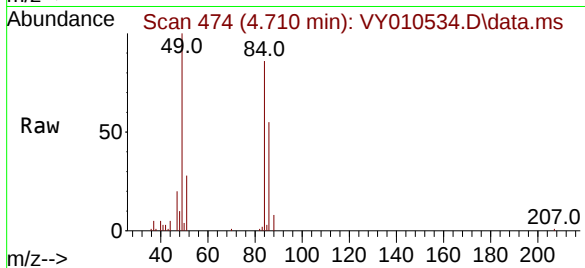
Ion Ratio Lower Upper

84 100

49 116.8 114.4 171.6

51 33.0 35.3 52.9#

86 63.8 53.7 80.5



#25

2-Butanone

Concen: 8.753 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY010534.D

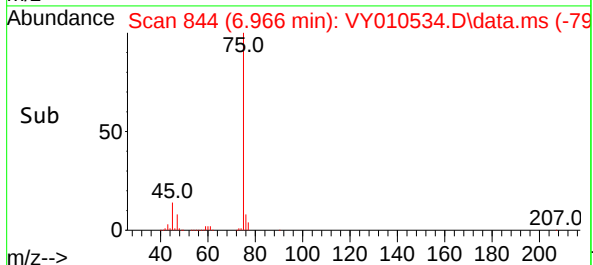
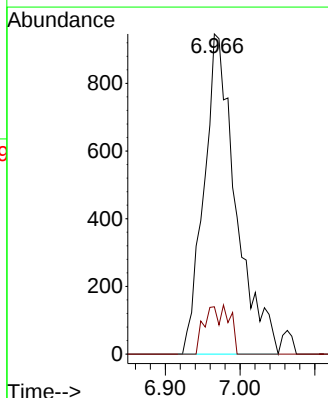
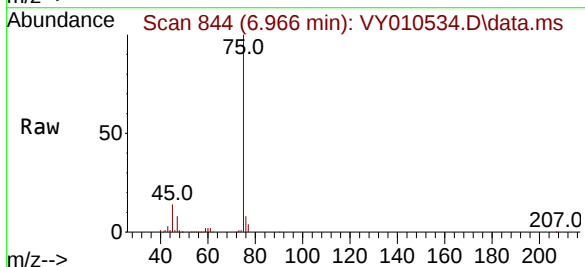
Acq: 16 Sep 2022 14:53

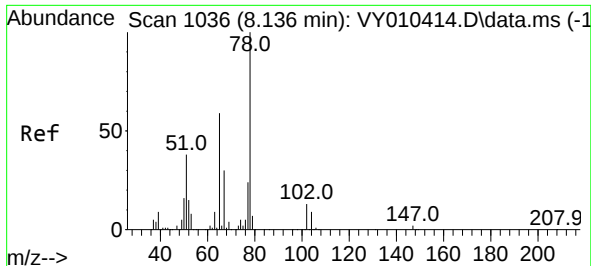
Tgt Ion: 43 Resp: 2809

Ion Ratio Lower Upper

43 100

72 14.8 17.7 26.5#

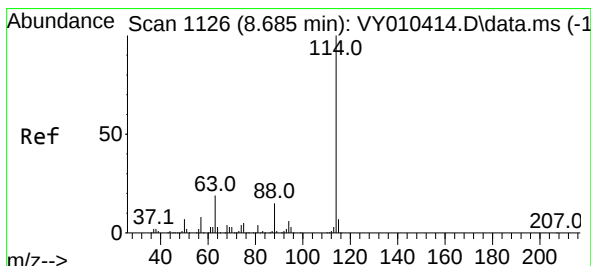
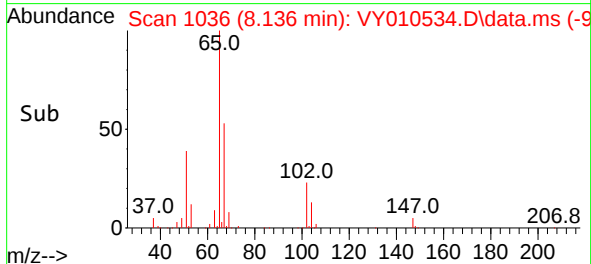
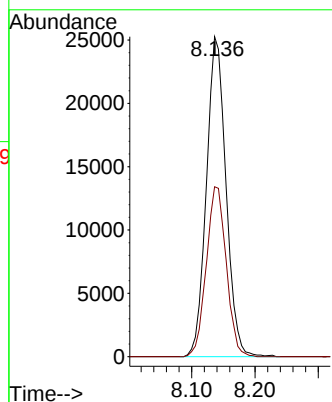
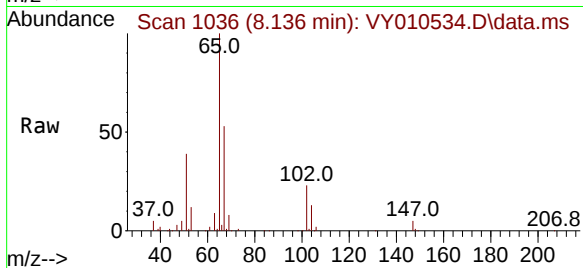




#33
 1,2-Dichloroethane-d4
 Concen: 61.833 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VY010534.D
 Acq: 16 Sep 2022 14:53

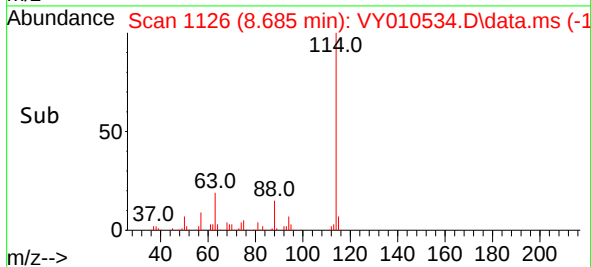
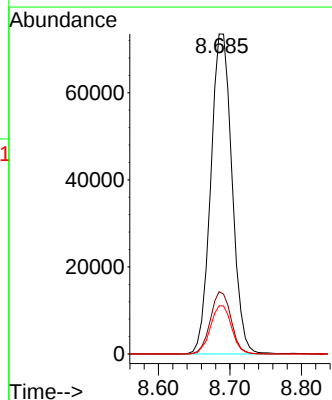
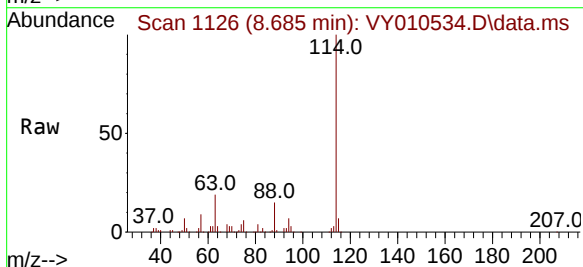
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-7.5-8.0

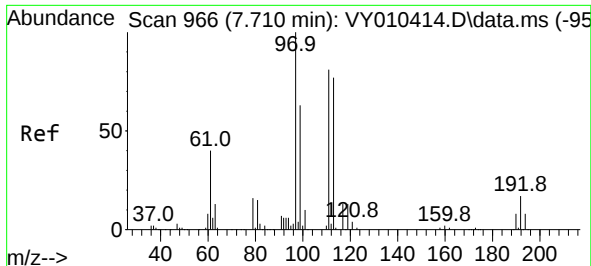
Tgt Ion: 65 Resp: 54407
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY010534.D
 Acq: 16 Sep 2022 14:53

Tgt Ion: 114 Resp: 151578
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.2
 88 15.0 0.0 31.8

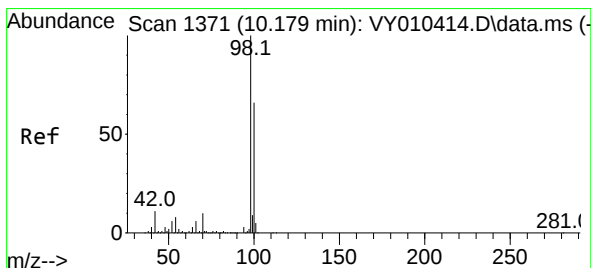
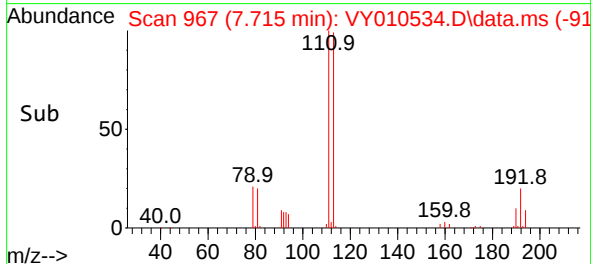
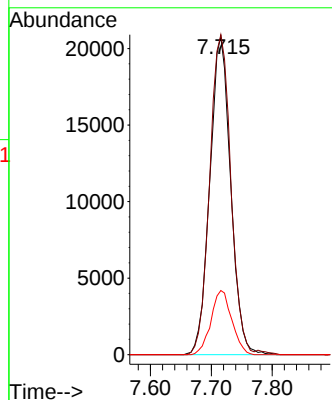
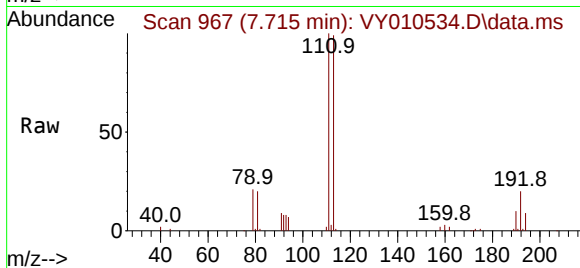




#35
Dibromofluoromethane
Concen: 45.886 ug/l
RT: 7.715 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

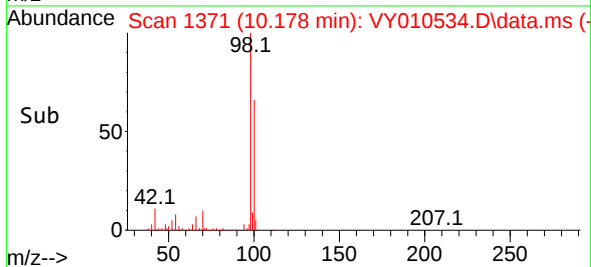
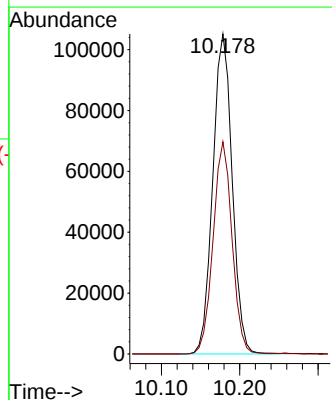
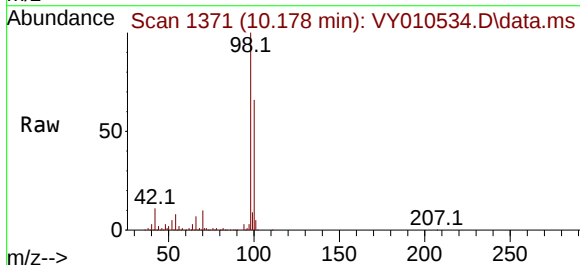
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

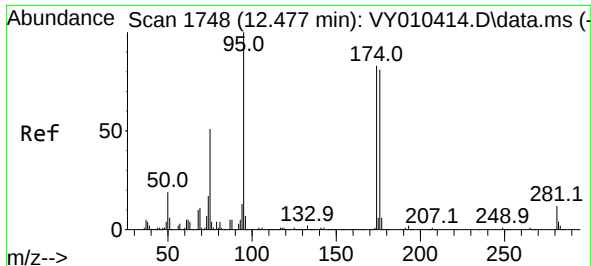
Tgt Ion:113 Resp: 49397
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 20.2 17.6 26.4



#50
Toluene-d8
Concen: 51.861 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Tgt Ion: 98 Resp: 180939
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

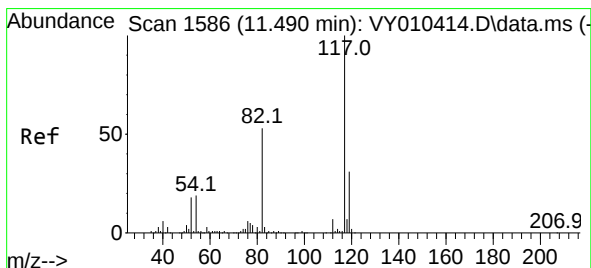
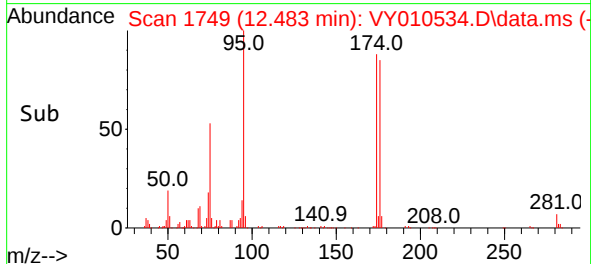
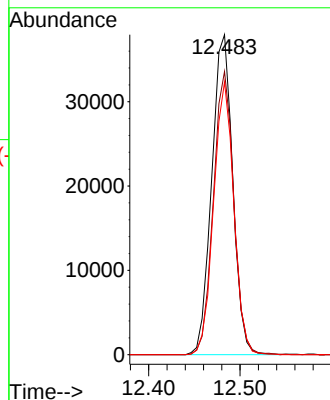
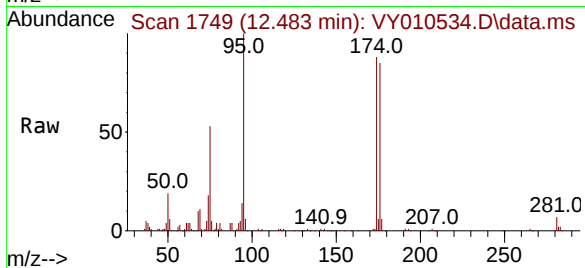




#62
4-Bromofluorobenzene
Concen: 42.869 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

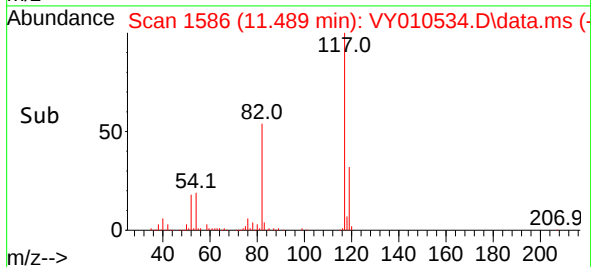
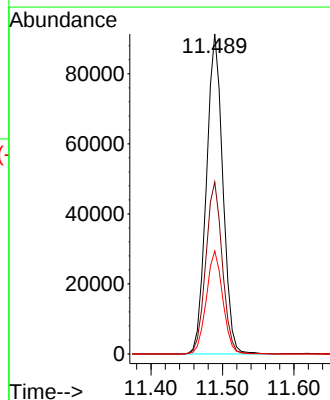
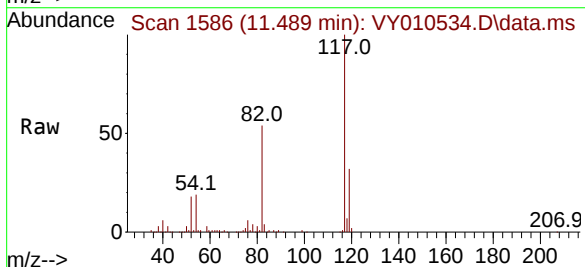
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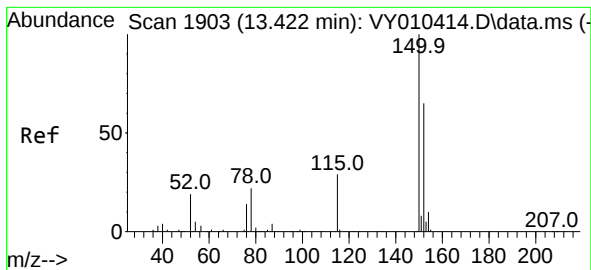
Tgt Ion: 95 Resp: 60499
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 82.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Tgt Ion: 117 Resp: 145684
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY010534.D
 Acq: 16 Sep 2022 14:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-7.5-8.0

Tgt Ion:152 Resp: 65102
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.2 84.7
 150 157.9 0.0 347.6

