

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010242.D
 Acq On : 31 Aug 2022 13:57
 Operator : KP/MD
 Sample : N4416-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B

Quant Time: Aug 31 14:45:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

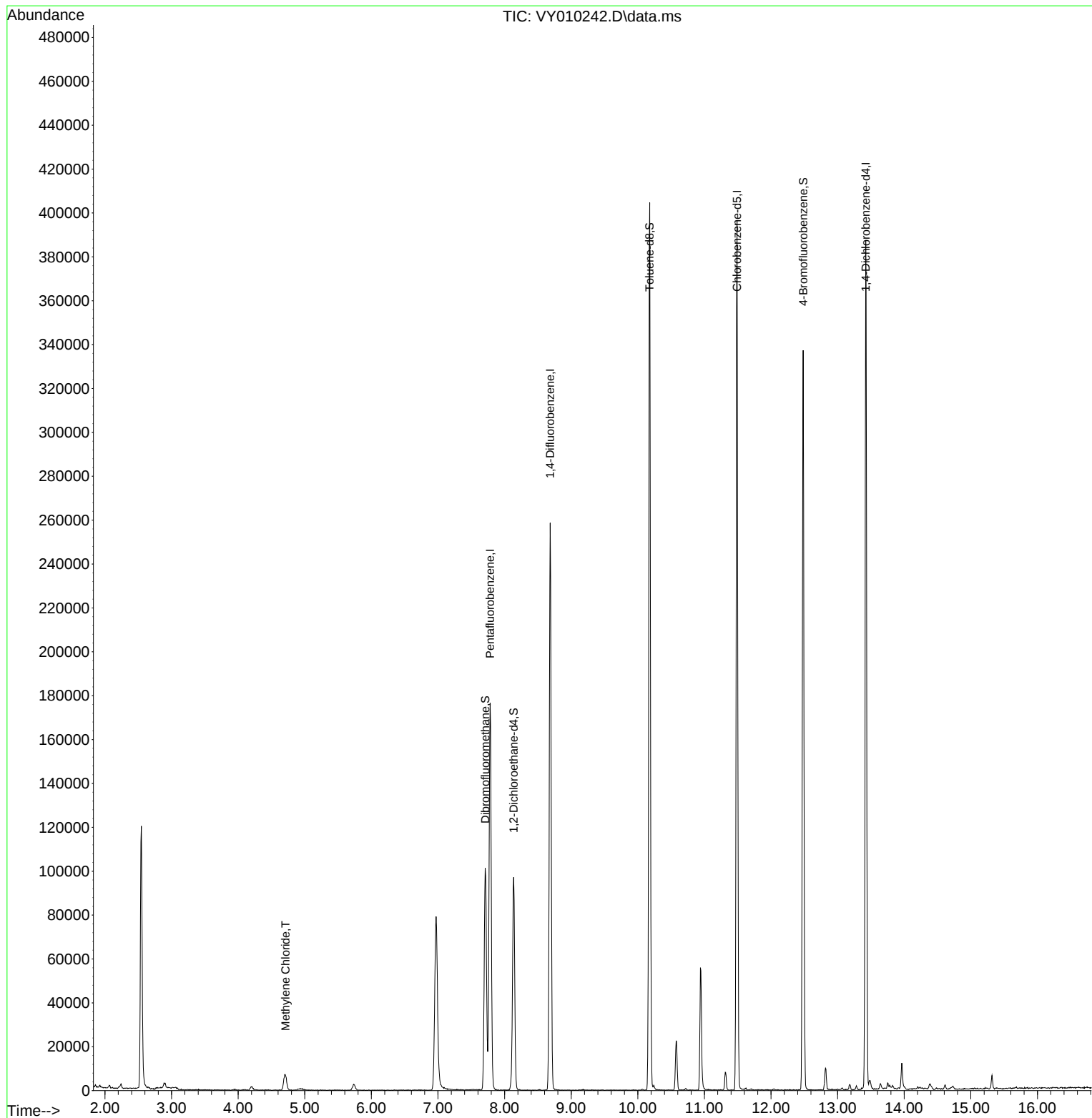
Internal Standards						
1) Pentafluorobenzene	7.783	168	148323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	235950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75791	60.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.380%	
35) Dibromofluoromethane	7.710	113	73513	54.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.360%	
50) Toluene-d8	10.179	98	271765	53.910	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.820%	
62) 4-Bromofluorobenzene	12.483	95	91953	48.915	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.820%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	6232	4.031	ug/l	# 69

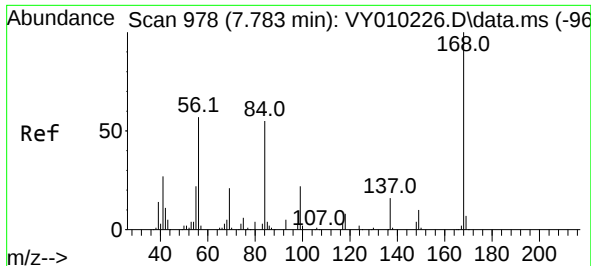
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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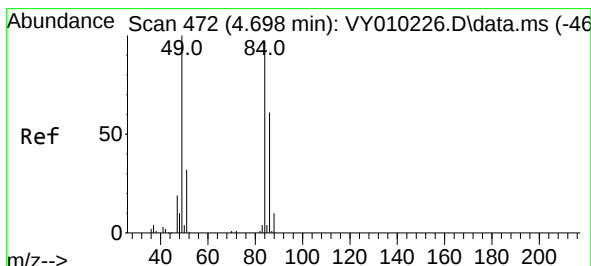
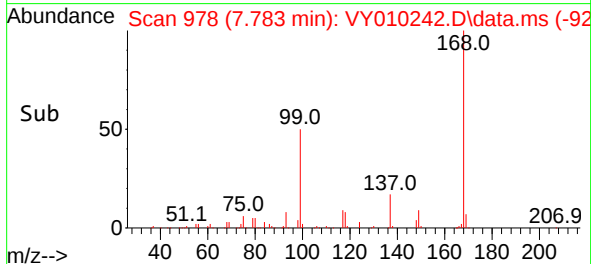
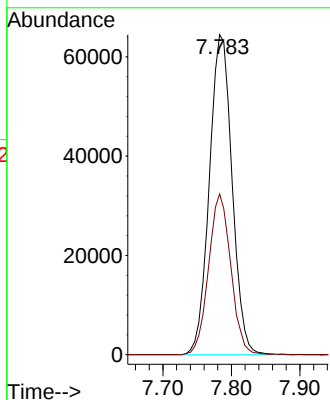
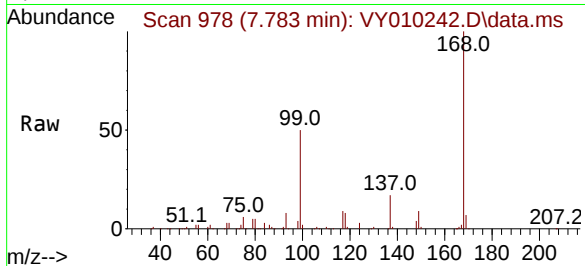




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010242.D
Acq: 31 Aug 2022 13:57

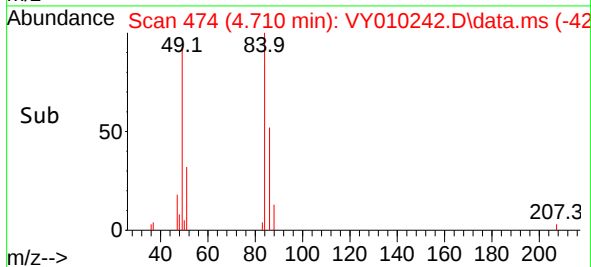
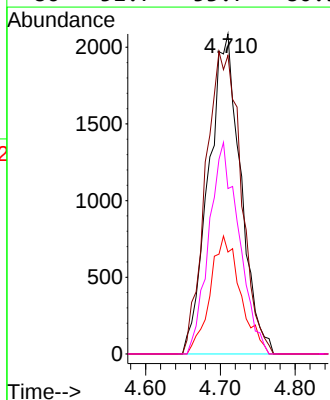
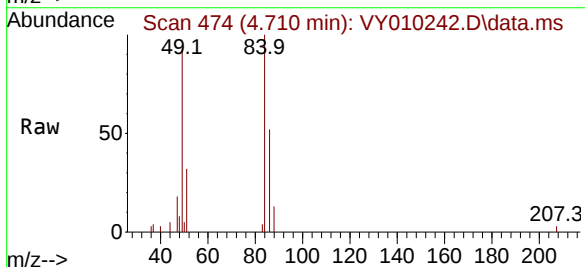
Instrument :
MSVOA_Y
ClientSampleId :
B

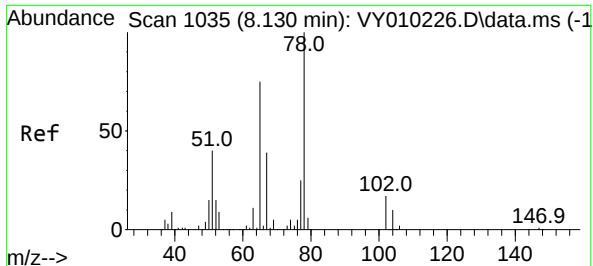
Tgt Ion:168 Resp: 148323
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#20
Methylene Chloride
Concen: 4.031 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY010242.D
Acq: 31 Aug 2022 13:57

Tgt Ion: 84 Resp: 6232
Ion Ratio Lower Upper
84 100
49 93.3 114.4 171.6#
51 31.8 35.3 52.9#
86 51.7 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 60.691 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010242.D

Acq: 31 Aug 2022 13:57

Instrument :

MSVOA_Y

ClientSampleId :

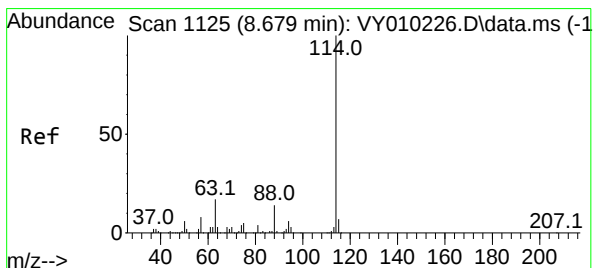
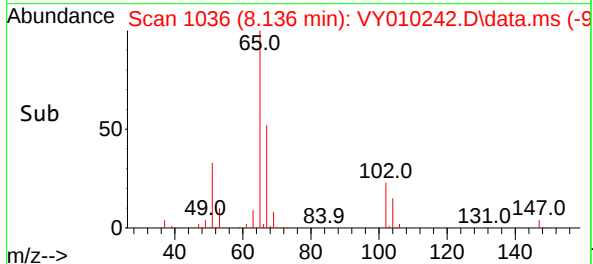
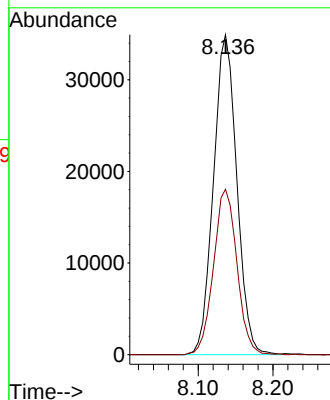
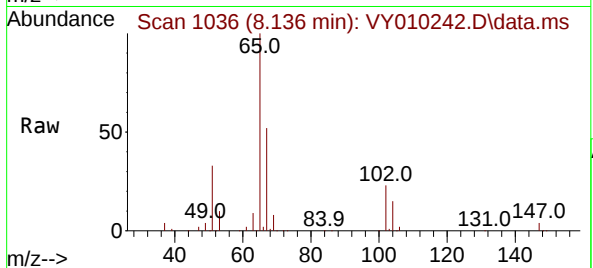
B

Tgt Ion: 65 Resp: 75791

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010242.D

Acq: 31 Aug 2022 13:57

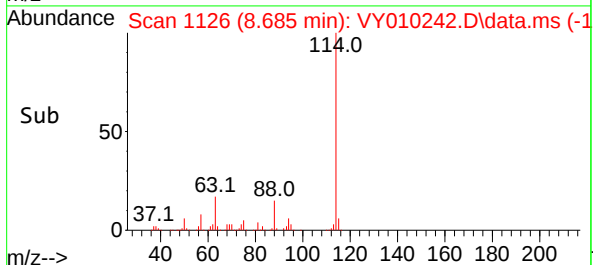
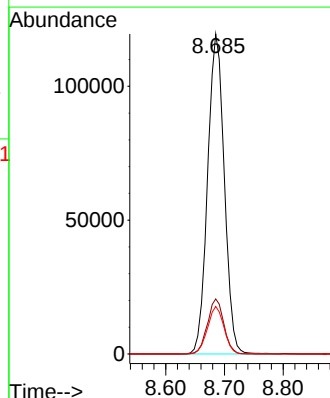
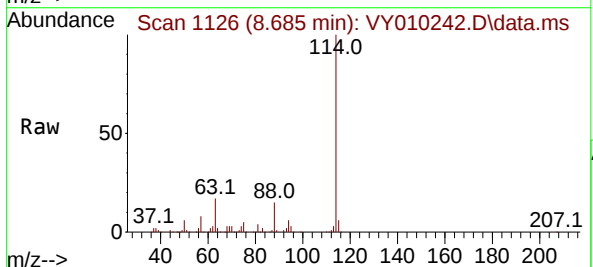
Tgt Ion: 114 Resp: 235950

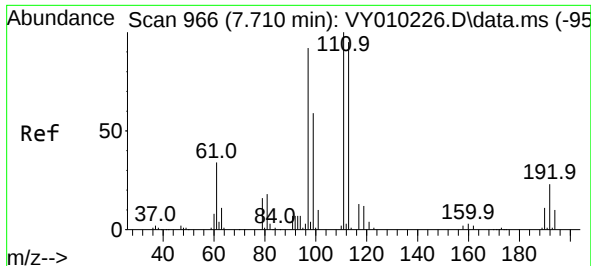
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.9 0.0 31.8

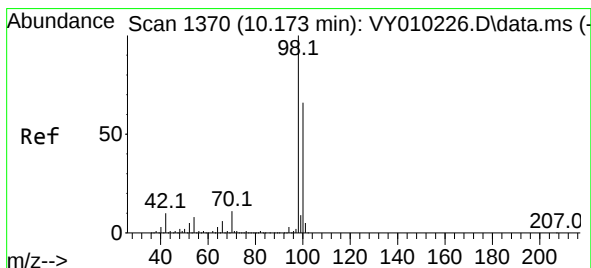
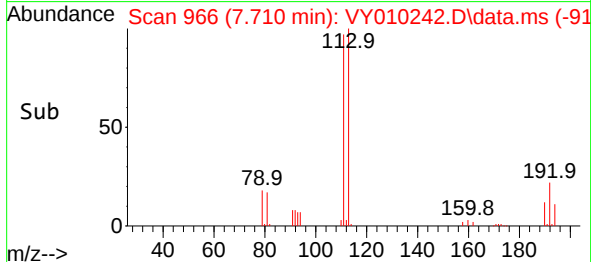
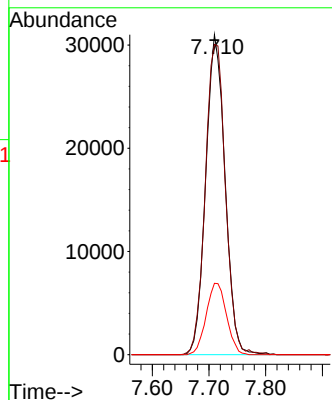
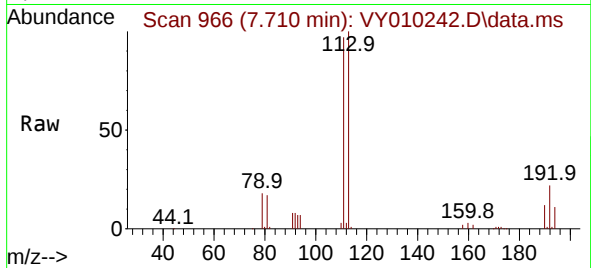




#35
Dibromofluoromethane
Concen: 54.185 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010242.D
Acq: 31 Aug 2022 13:57

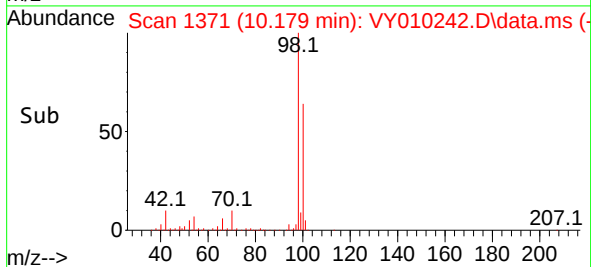
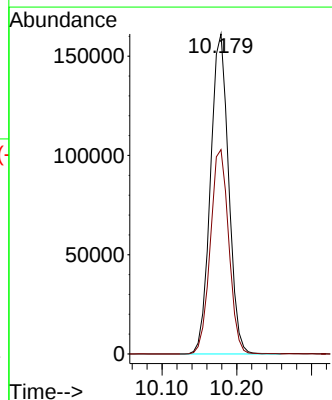
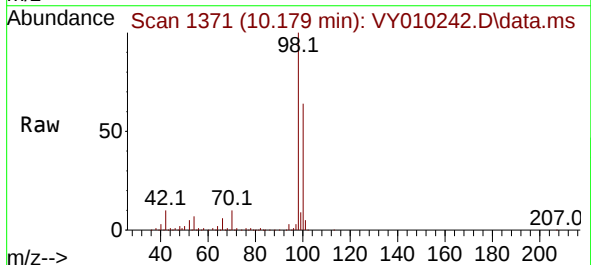
Instrument :
MSVOA_Y
ClientSampleId :
B

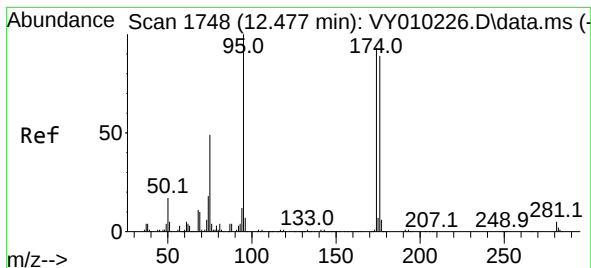
Tgt Ion:113 Resp: 73513
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 23.4 17.6 26.4



#50
Toluene-d8
Concen: 53.910 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010242.D
Acq: 31 Aug 2022 13:57

Tgt Ion: 98 Resp: 271765
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

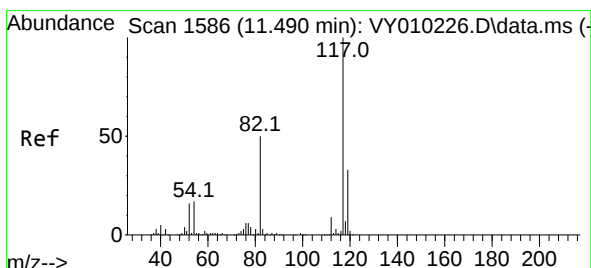
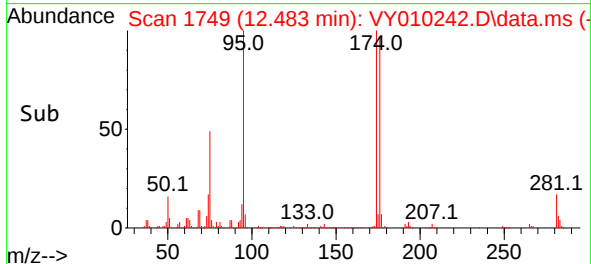
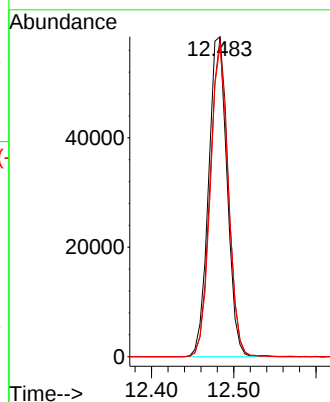
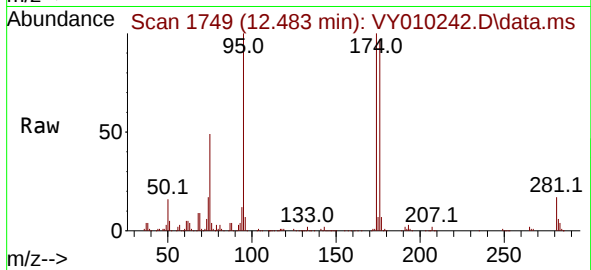




#62
4-Bromofluorobenzene
Concen: 48.915 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010242.D
Acq: 31 Aug 2022 13:57

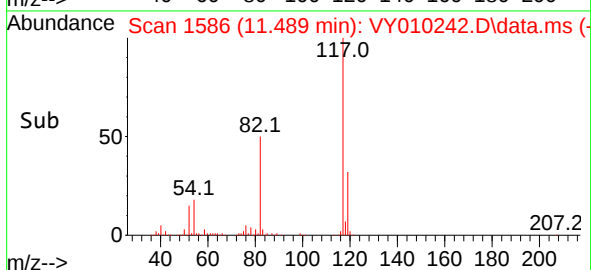
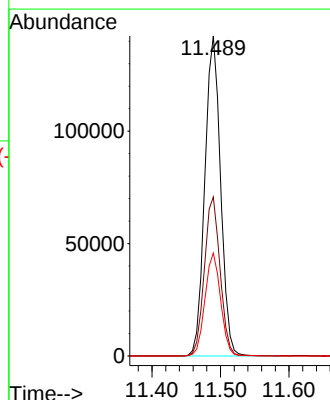
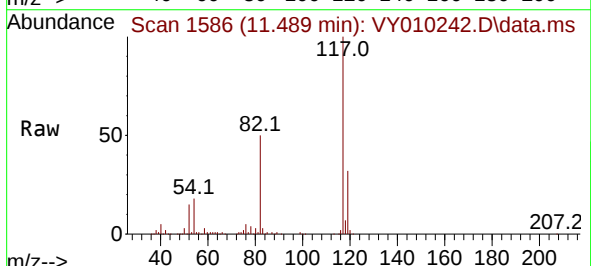
Instrument :
MSVOA_Y
ClientSampleId :
B

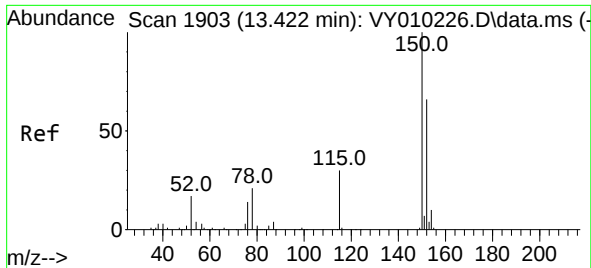
Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	177.0
176	93.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010242.D
Acq: 31 Aug 2022 13:57

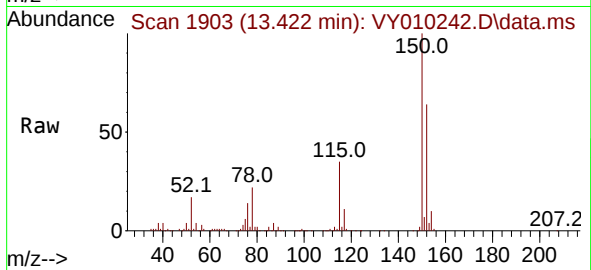
Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.7	43.0	64.4
119	32.2	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010242.D
 Acq: 31 Aug 2022 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 B



Tgt Ion:152 Resp: 109027
 Ion Ratio Lower Upper
 152 100
 115 53.5 28.2 84.7
 150 155.4 0.0 347.6

