

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010894.D
 Acq On : 10 Oct 2022 16:41
 Operator : KP/MD
 Sample : N5046-06RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-6RE

Quant Time: Oct 11 09:45:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

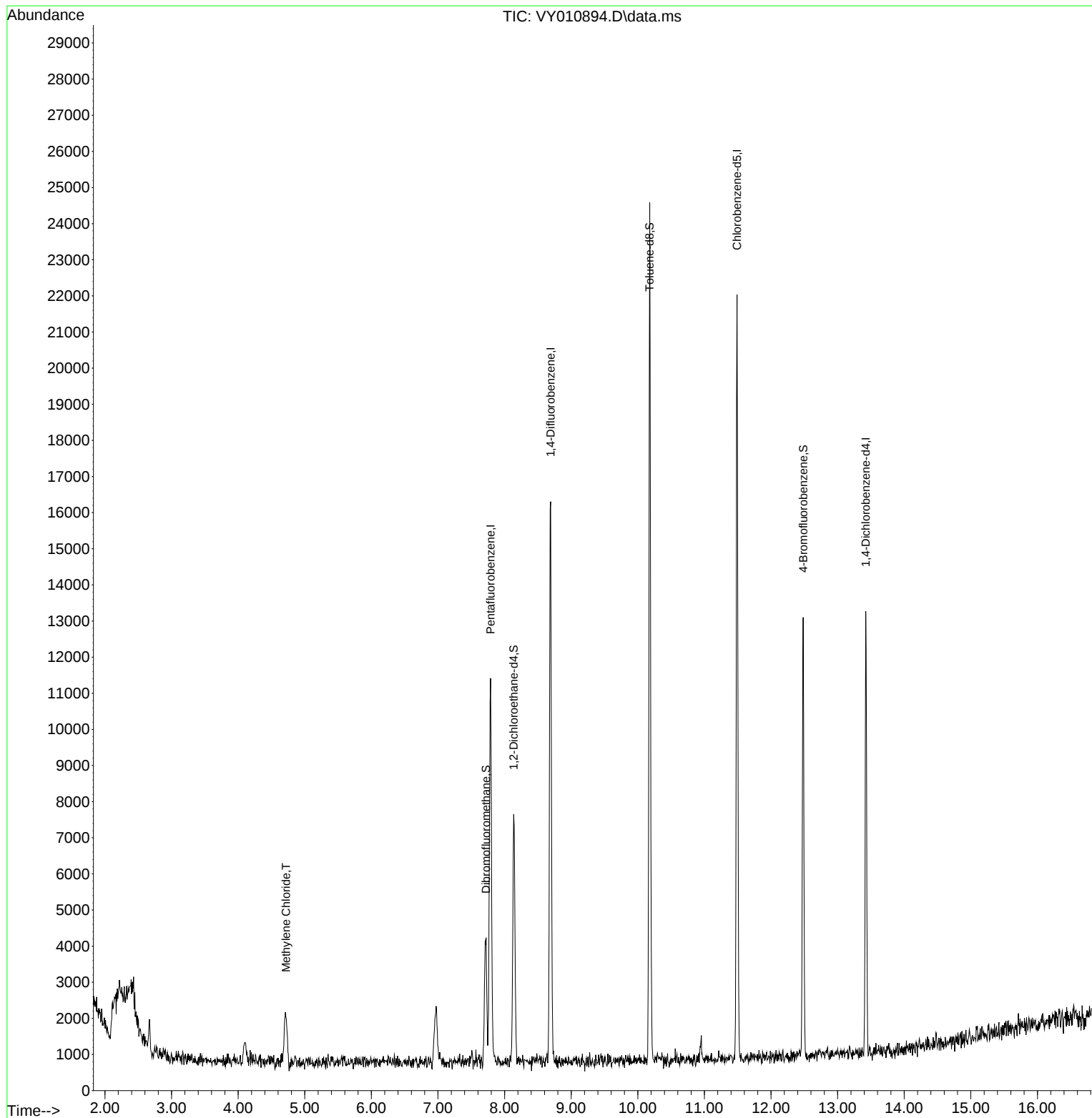
Internal Standards						
1) Pentafluorobenzene	7.789	168	8675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5617	63.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.760%
35) Dibromofluoromethane	7.722	113	2679	28.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	56.940%
50) Toluene-d8	10.179	98	15431	47.943	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.483	95	4001	30.374	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.740%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	1132	7.087	ug/l #	80

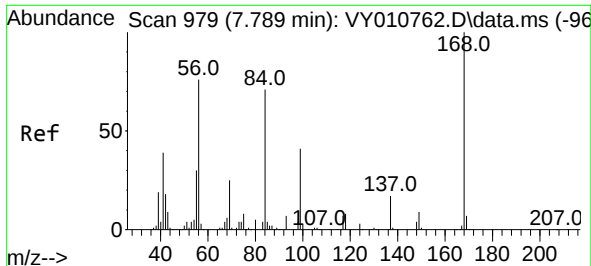
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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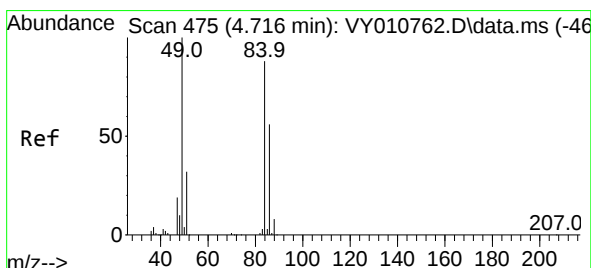
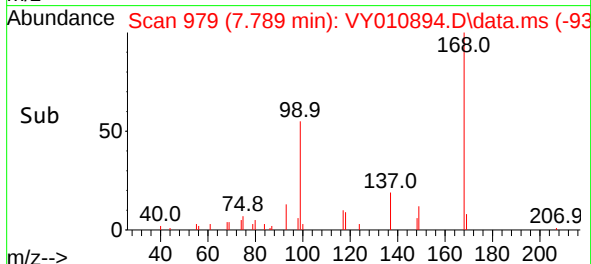
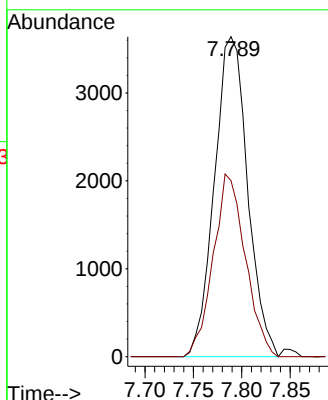
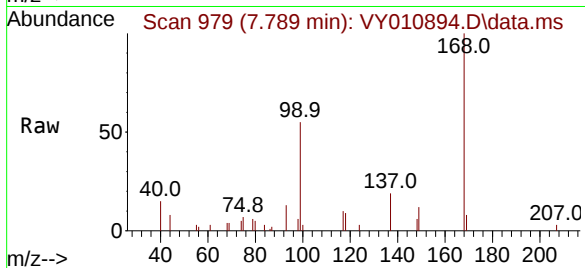




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

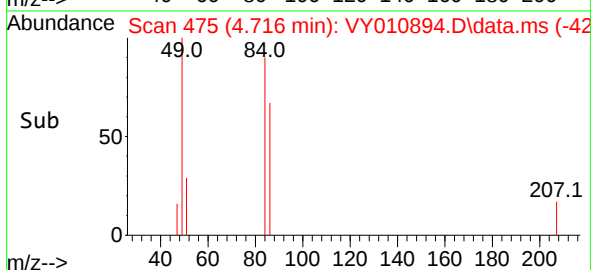
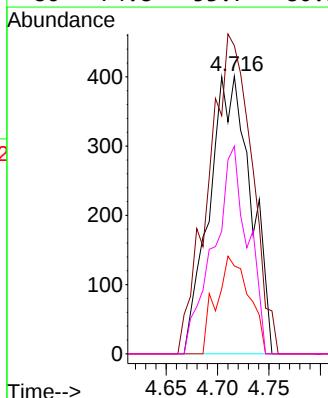
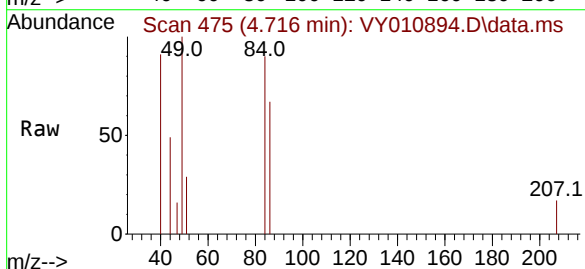
Instrument :
MSVOA_Y
ClientSampleId :
R-6RE

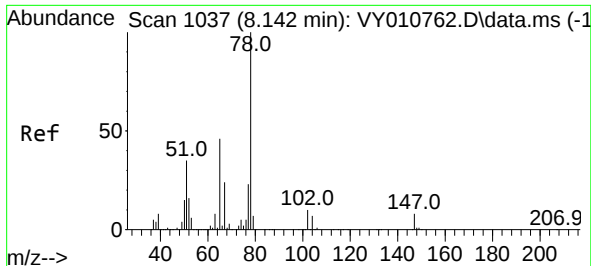
Tgt Ion:168 Resp: 8675
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#20
Methylene Chloride
Concen: 7.087 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

Tgt Ion: 84 Resp: 1132
Ion Ratio Lower Upper
84 100
49 111.0 114.4 171.6#
51 31.7 35.3 52.9#
86 74.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 63.879 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010894.D

Acq: 10 Oct 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

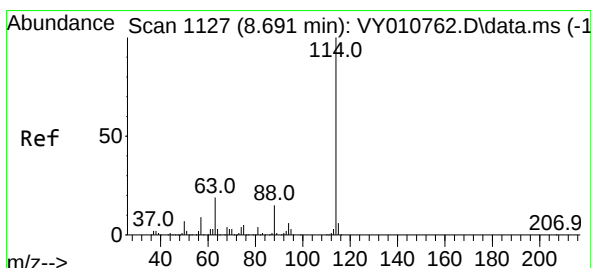
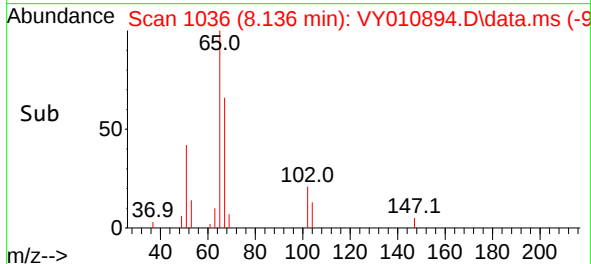
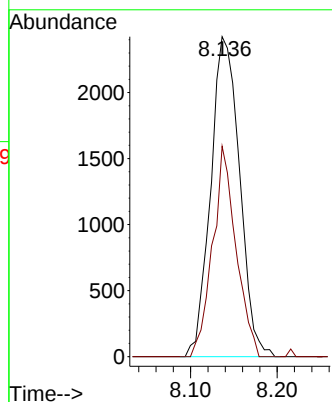
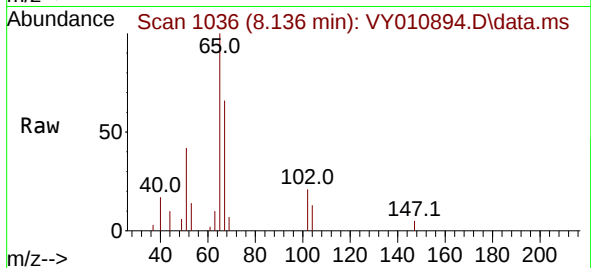
R-6RE

Tgt Ion: 65 Resp: 5617

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010894.D

Acq: 10 Oct 2022 16:41

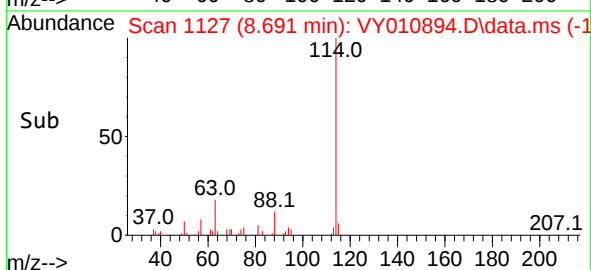
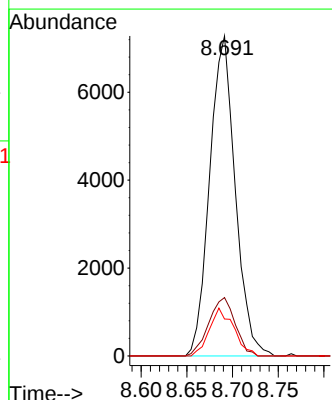
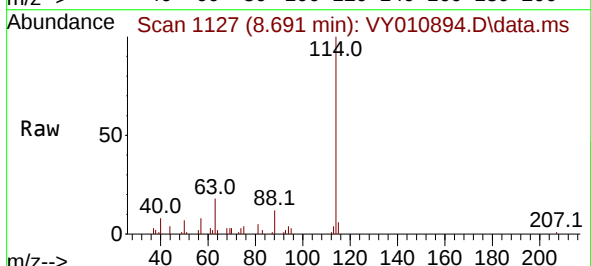
Tgt Ion: 114 Resp: 14178

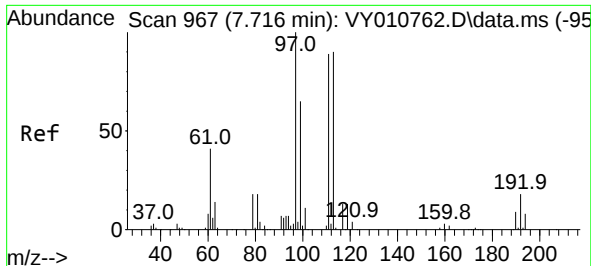
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 11.5 0.0 31.8

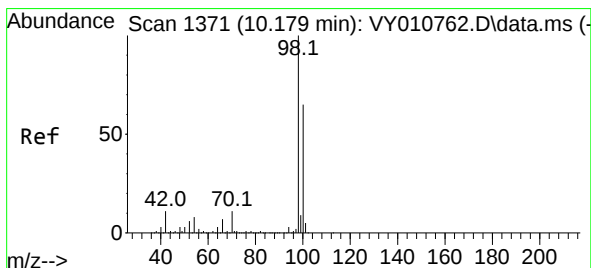
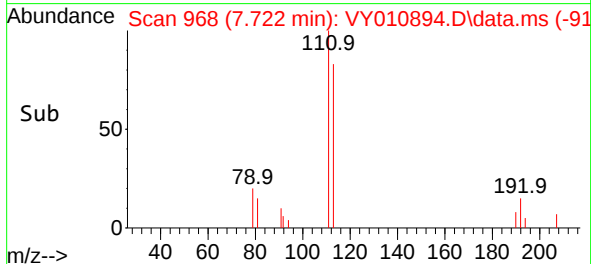
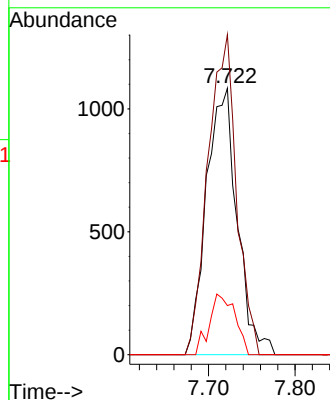
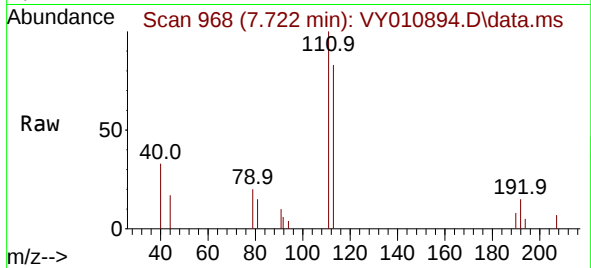




#35
Dibromofluoromethane
Concen: 28.465 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

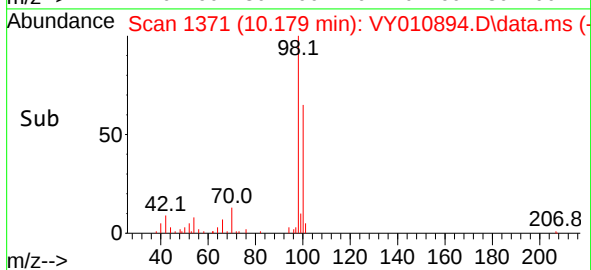
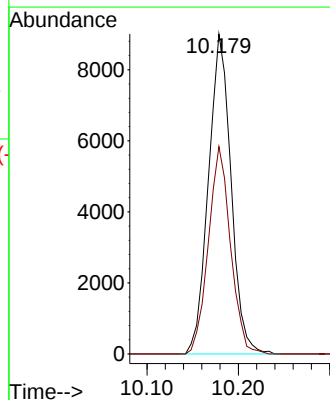
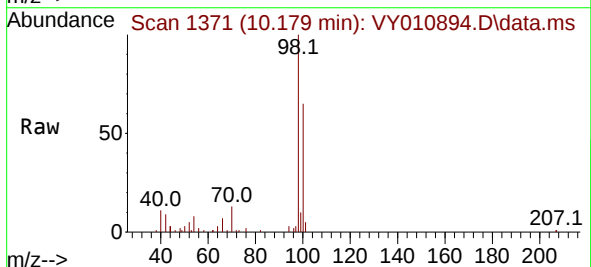
Instrument :
MSVOA_Y
ClientSampleId :
R-6RE

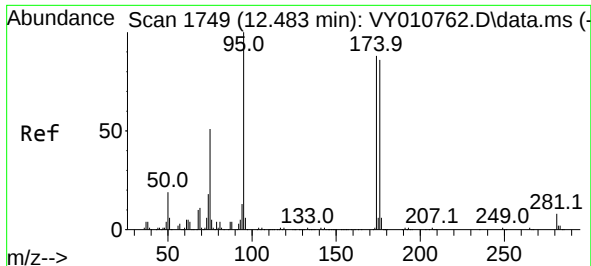
Tgt Ion:113 Resp: 2679
Ion Ratio Lower Upper
113 100
111 111.0 82.6 124.0
192 18.9 17.6 26.4



#50
Toluene-d8
Concen: 47.943 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

Tgt Ion: 98 Resp: 15431
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

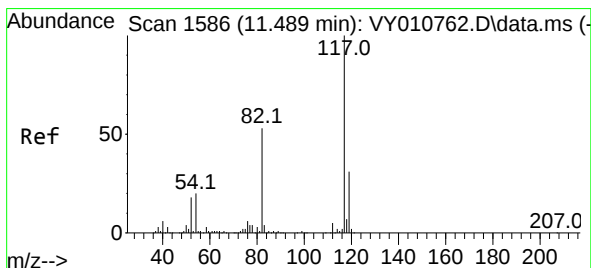
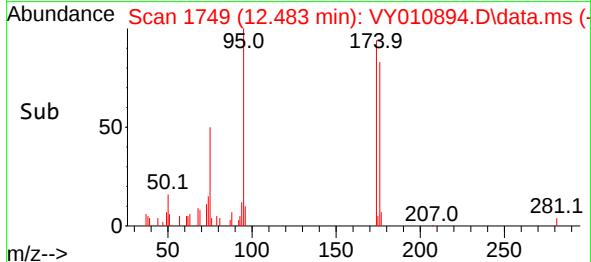
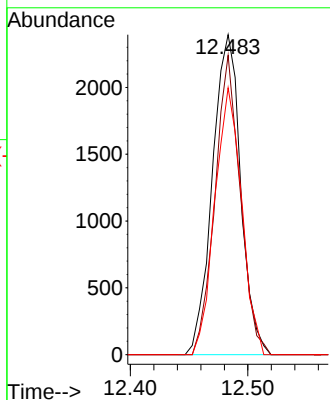
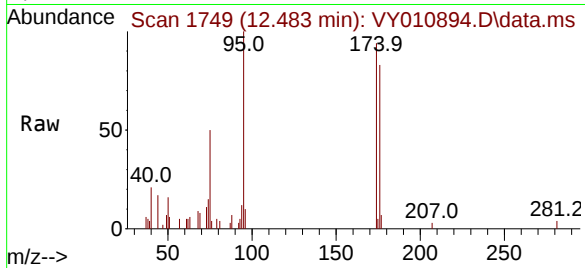




#62
4-Bromofluorobenzene
Concen: 30.374 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

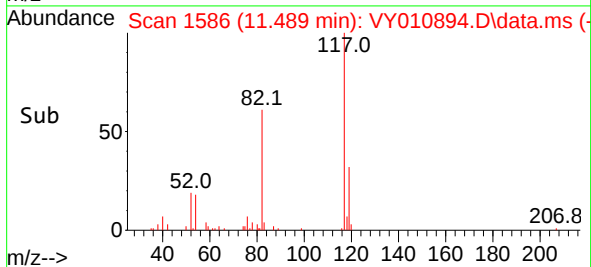
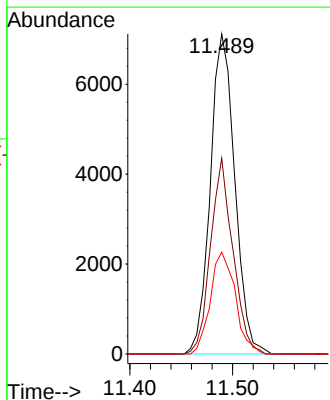
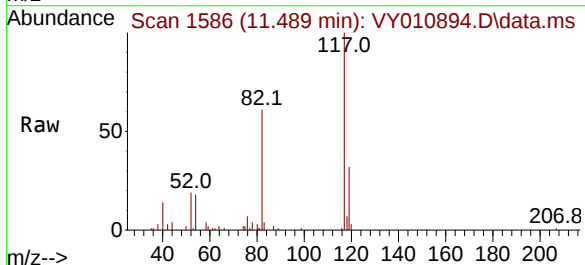
Instrument :
MSVOA_Y
ClientSampleId :
R-6RE

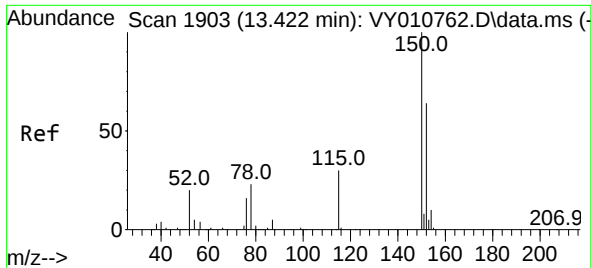
Tgt Ion:	95	Resp:	4001
Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	177.0
176	79.3	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010894.D
Acq: 10 Oct 2022 16:41

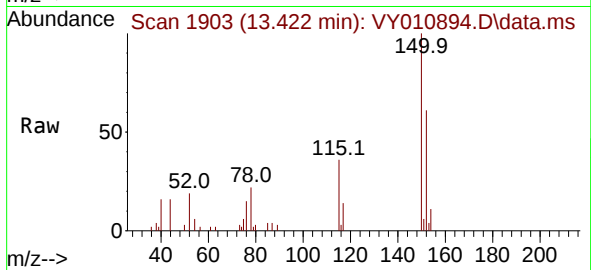
Tgt Ion:	117	Resp:	11785
Ion	Ratio	Lower	Upper
117	100		
82	61.2	43.0	64.4
119	31.8	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010894.D
 Acq: 10 Oct 2022 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-6RE



Tgt Ion:	152	Resp:	3418
Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.2	84.7
150	160.1	0.0	347.6

