

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
 Data File : VY011198.D
 Acq On : 31 Oct 2022 15:41
 Operator : KP/MD
 Sample : N5331-02RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROLLOFF-RB21502

Quant Time: Nov 01 02:44:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

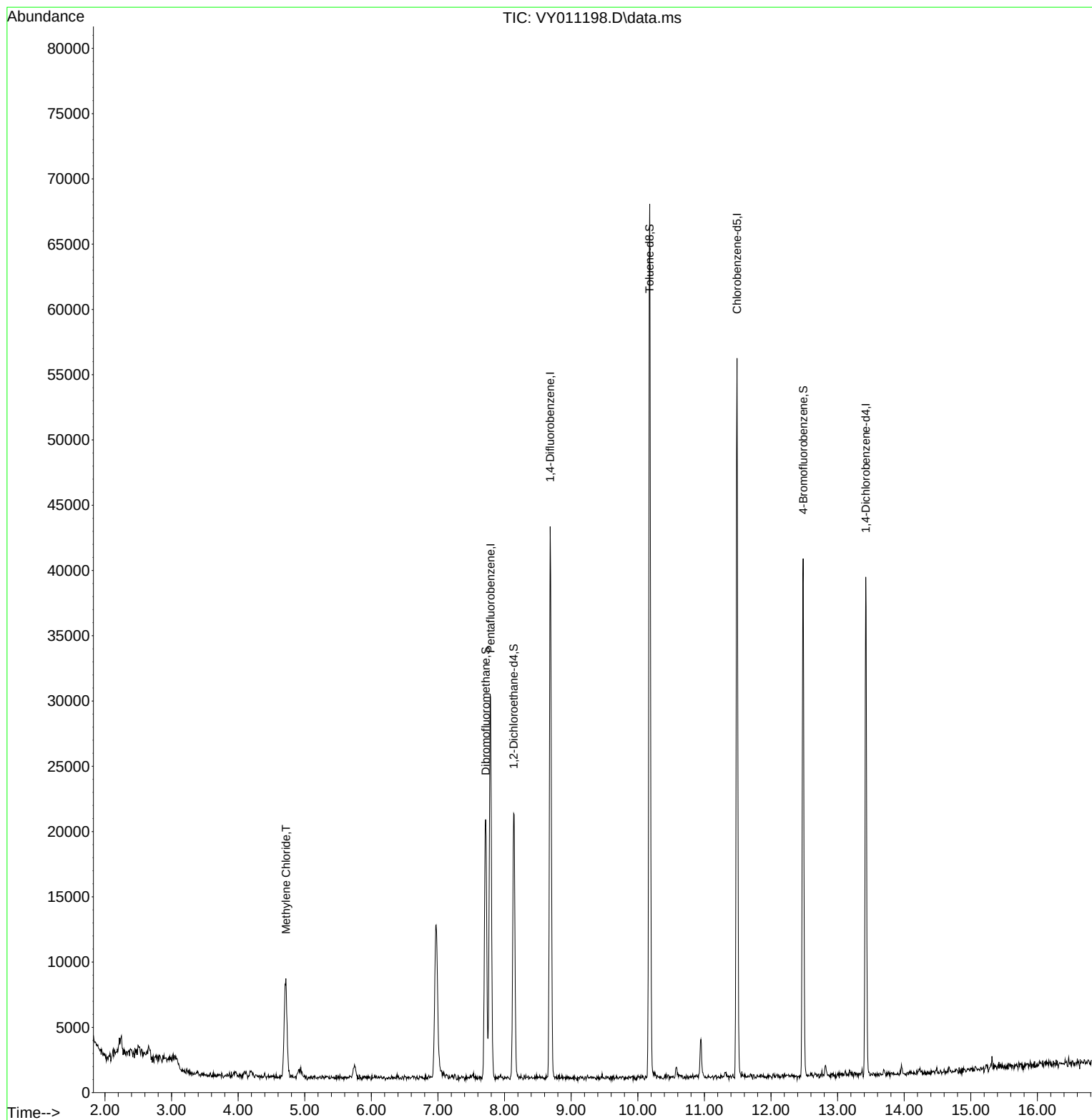
Internal Standards						
1) Pentafluorobenzene	7.789	168	23191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	36311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	30744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	16546	68.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.000%
35) Dibromofluoromethane	7.716	113	15168	67.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	135.860%
50) Toluene-d8	10.179	98	47171	53.322	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.483	95	12710	43.909	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.820%
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	5976	20.722	ug/l	# 82

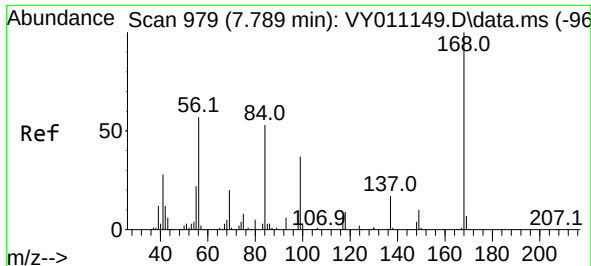
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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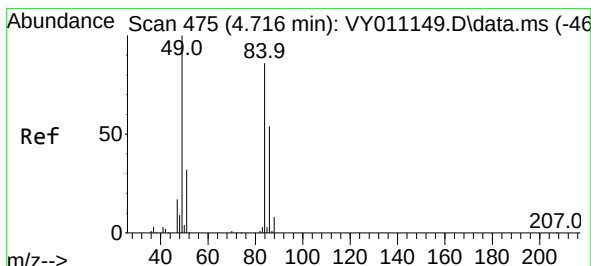
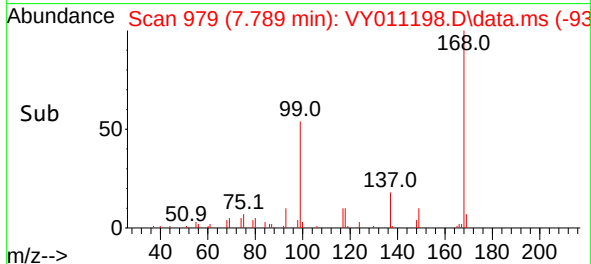
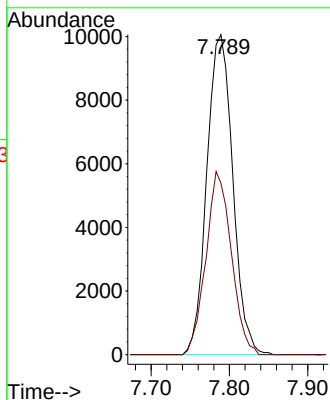
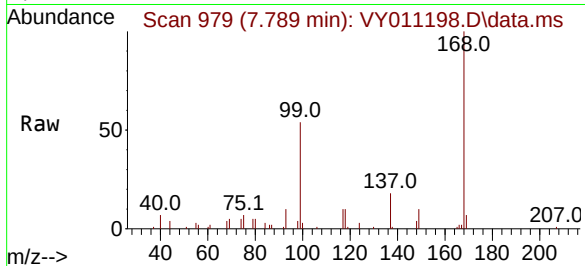




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

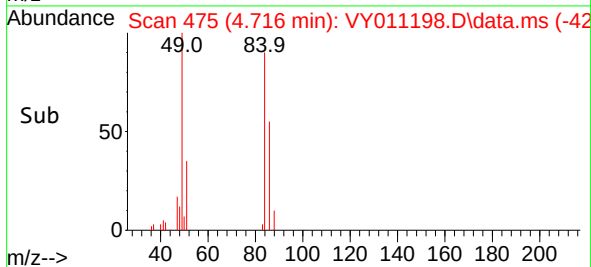
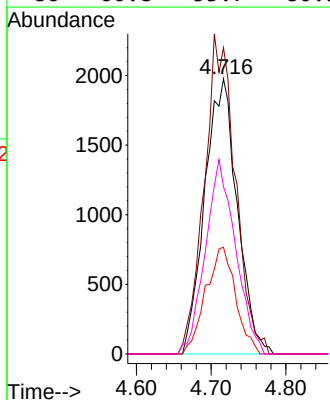
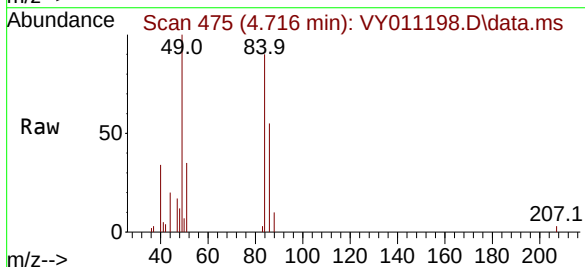
Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

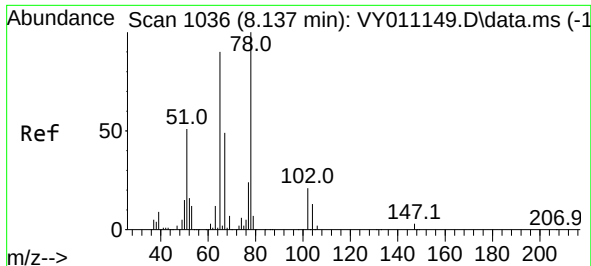
Tgt Ion:168 Resp: 23191
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#20
Methylene Chloride
Concen: 20.722 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 84 Resp: 5976
Ion Ratio Lower Upper
84 100
49 111.3 114.4 171.6#
51 38.8 35.3 52.9
86 60.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 68.999 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY011198.D

Acq: 31 Oct 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

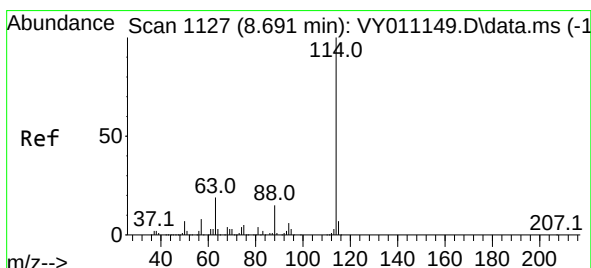
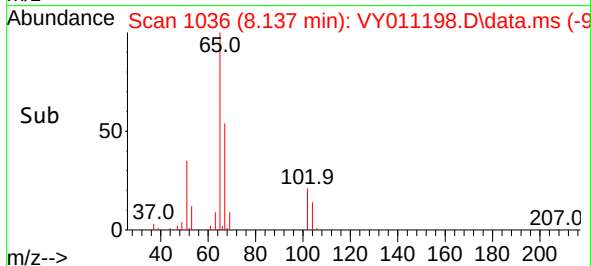
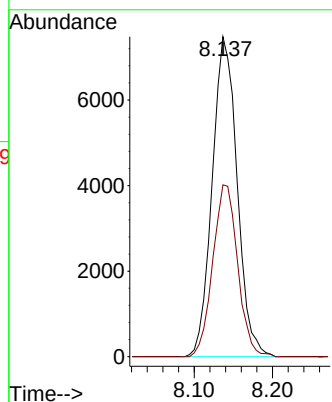
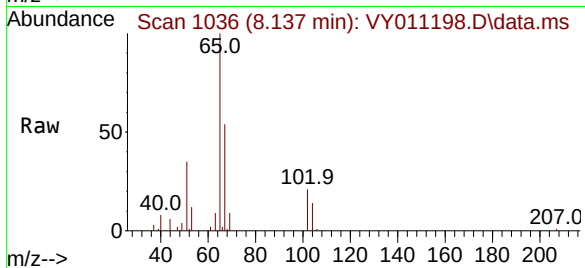
ROLLOFF-RB21502

Tgt Ion: 65 Resp: 16546

Ion Ratio Lower Upper

65 100

67 53.7 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: VY011198.D

Acq: 31 Oct 2022 15:41

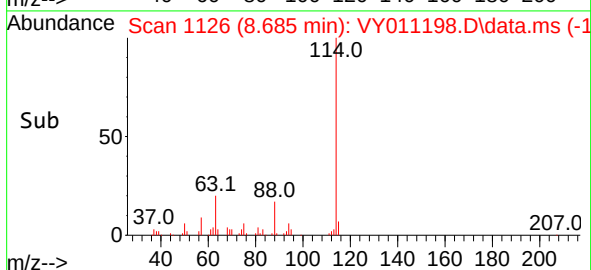
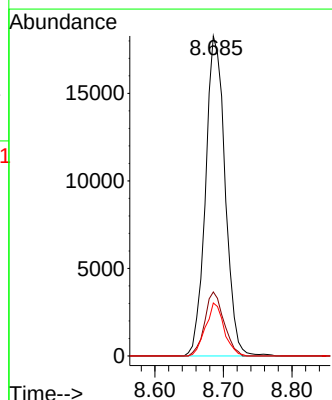
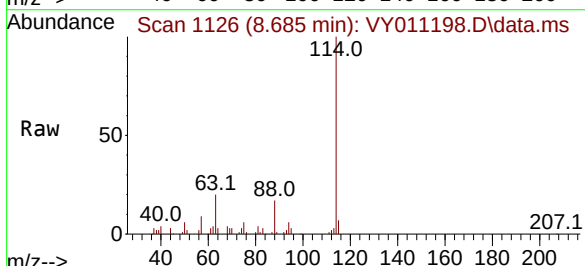
Tgt Ion: 114 Resp: 36311

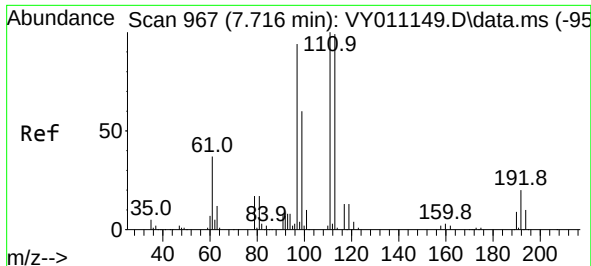
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 16.5 0.0 31.8

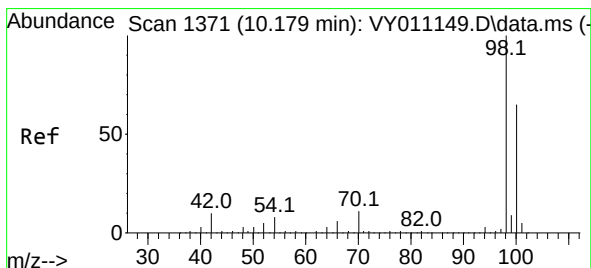
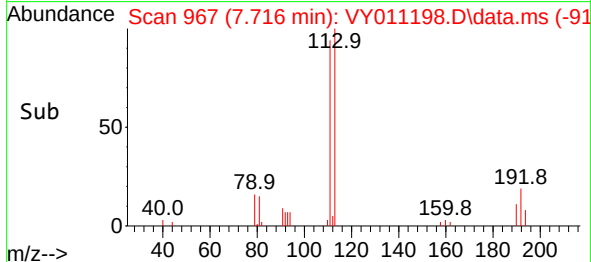
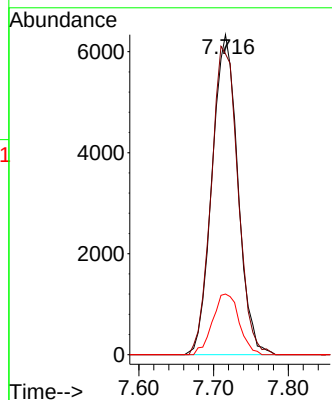
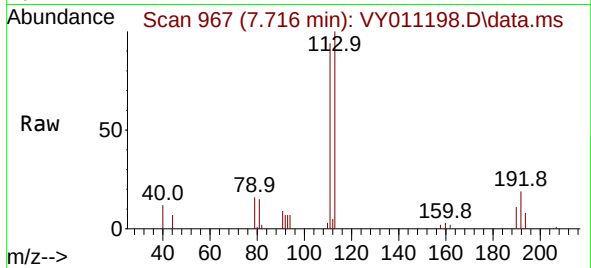




#35
Dibromofluoromethane
Concen: 67.927 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

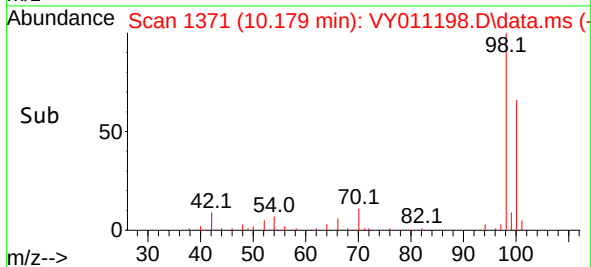
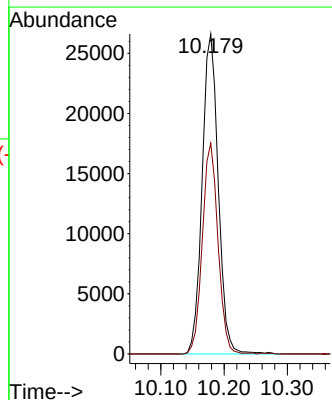
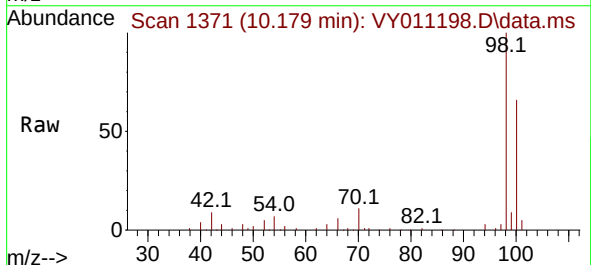
Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

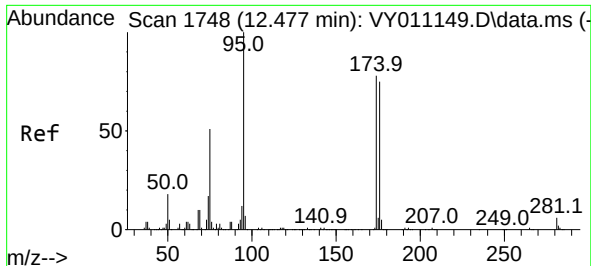
Tgt Ion:113 Resp: 15168
Ion Ratio Lower Upper
113 100
111 99.7 82.6 124.0
192 19.5 17.6 26.4



#50
Toluene-d8
Concen: 53.322 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

Tgt Ion: 98 Resp: 47171
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

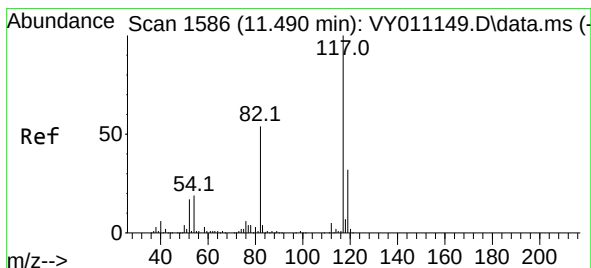
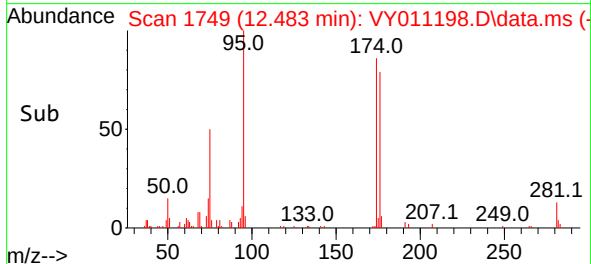
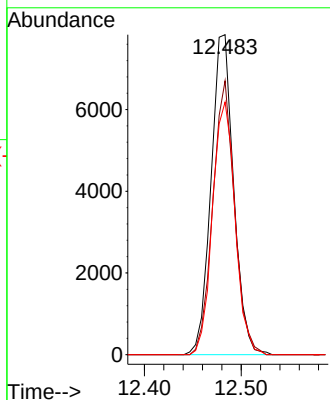
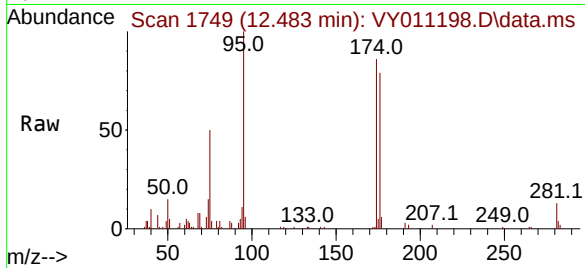




#62
4-Bromofluorobenzene
Concen: 43.909 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

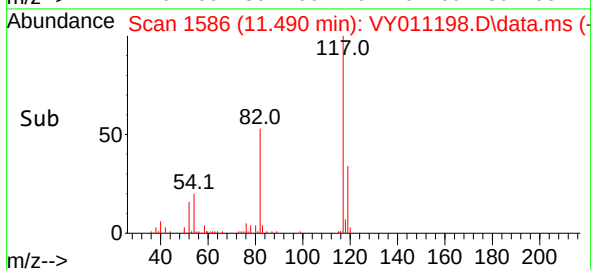
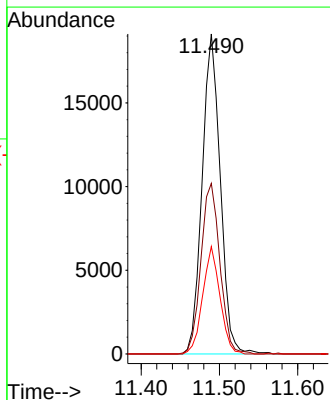
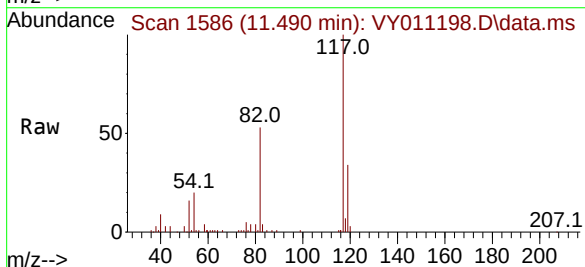
Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

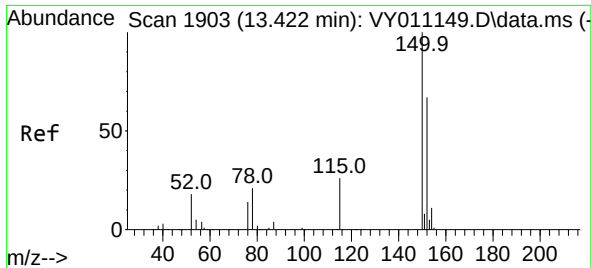
Tgt Ion: 95 Resp: 12710
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011198.D
Acq: 31 Oct 2022 15:41

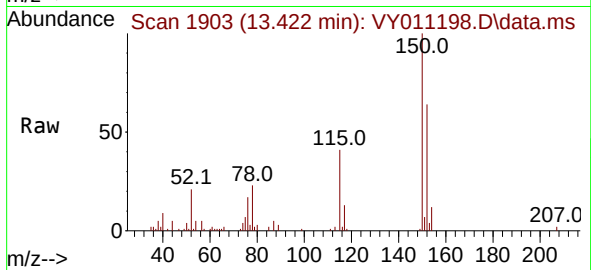
Tgt Ion: 117 Resp: 30744
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 33.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011198.D
 Acq: 31 Oct 2022 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROLLOFF-RB21502



Tgt Ion:152 Resp: 10288

Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.2	84.7
150	159.7	0.0	347.6

