

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
 Data File : VY013194.D
 Acq On : 04 Apr 2023 17:05
 Operator : KP/MD
 Sample : 02165-01RE
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1BRE

Quant Time: Apr 05 01:20:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

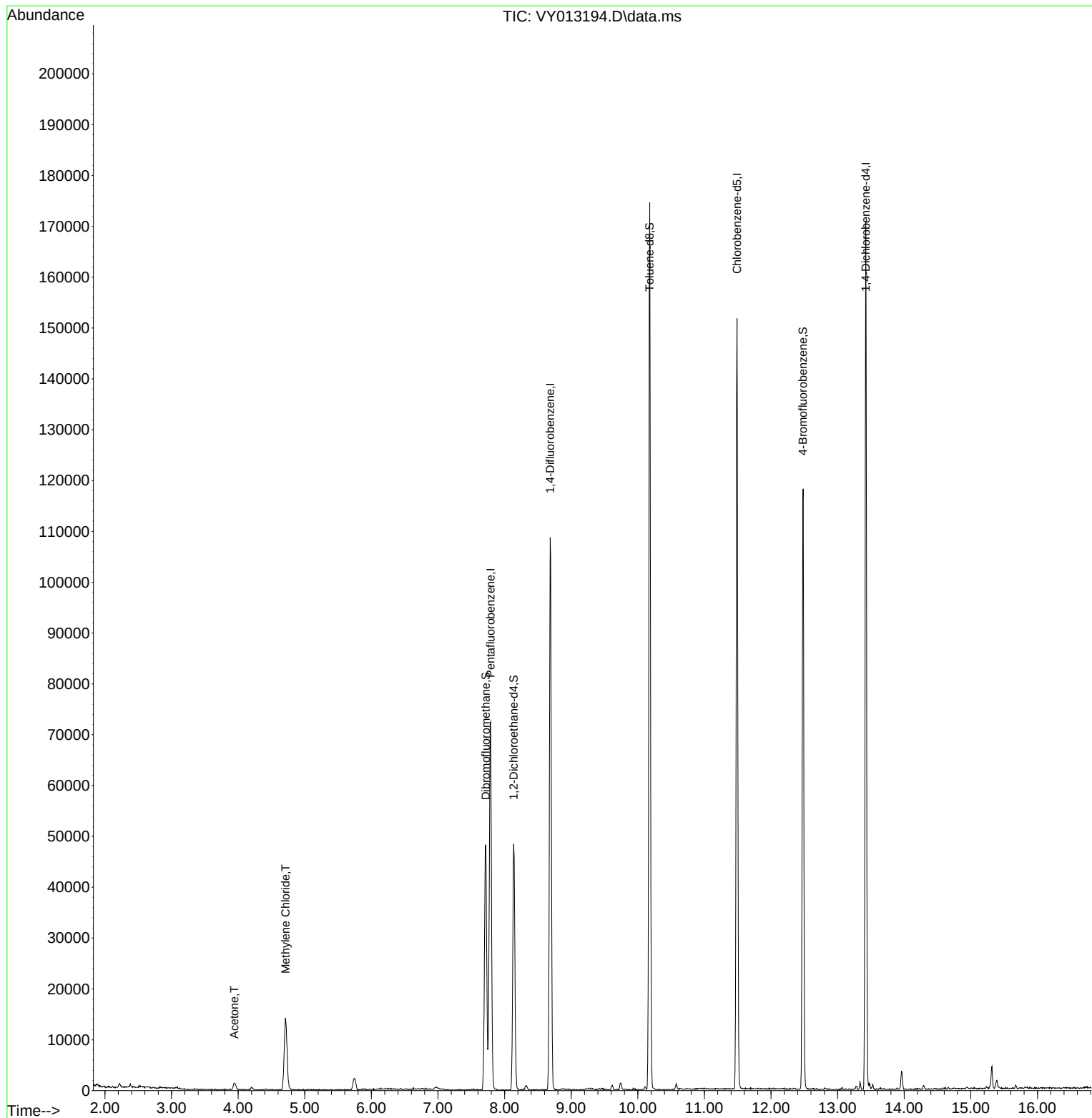
Internal Standards						
1) Pentafluorobenzene	7.789	168	59520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	94725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	79234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40260	62.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.880%
35) Dibromofluoromethane	7.715	113	33444	54.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.100%
50) Toluene-d8	10.178	98	113809	48.718	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.477	95	36532	48.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.080%
Target Compounds						
16) Acetone	3.942	43	2636	13.477	ug/l	94
20) Methylene Chloride	4.710	84	10892	12.055	ug/l	86

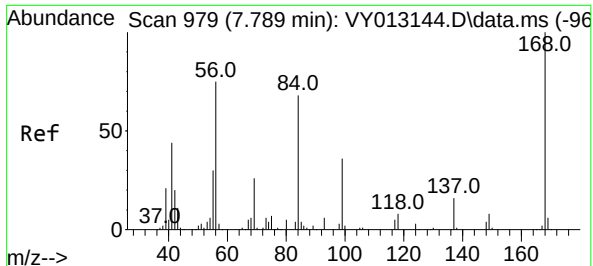
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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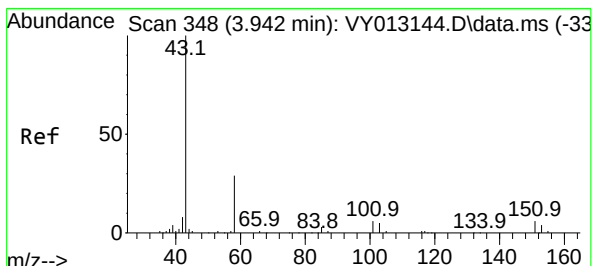
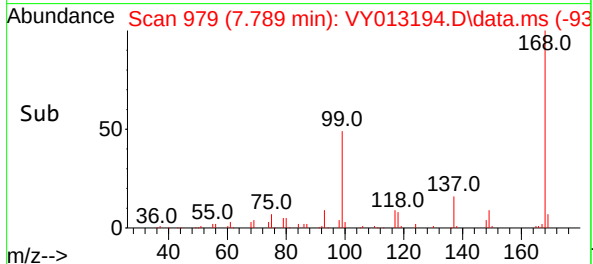
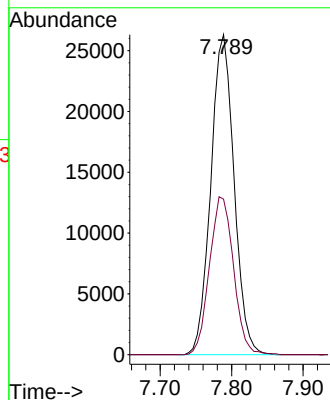
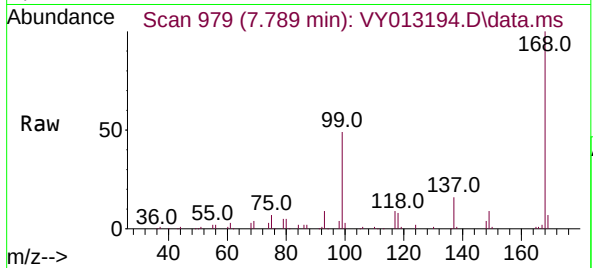




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

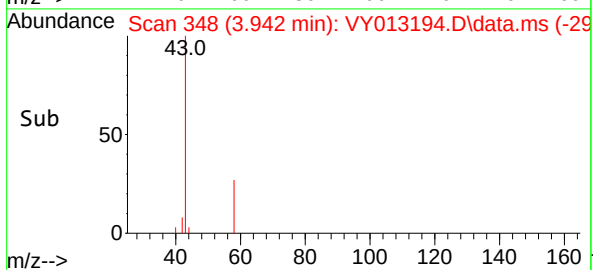
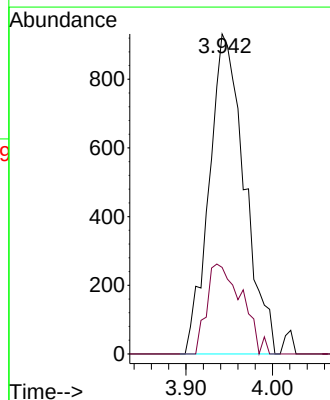
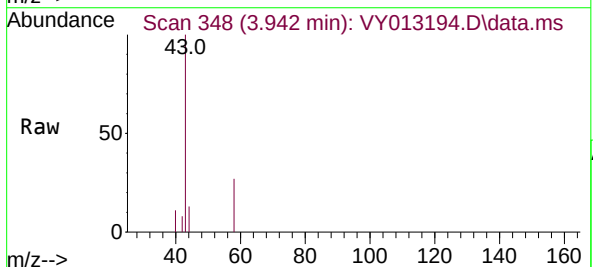
Instrument :
MSVOA_Y
ClientSampleId :
SB-1BRE

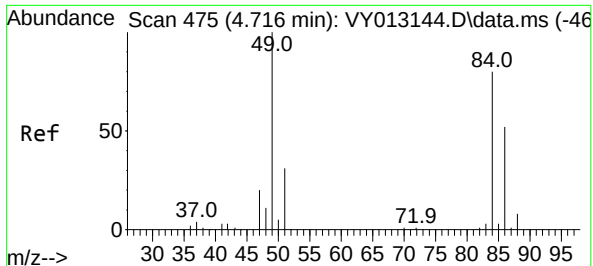
Tgt Ion:168 Resp: 59520
Ion Ratio Lower Upper
168 100
99 48.6 41.7 62.5



#16
Acetone
Concen: 13.477 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

Tgt Ion: 43 Resp: 2636
Ion Ratio Lower Upper
43 100
58 27.0 24.2 36.2

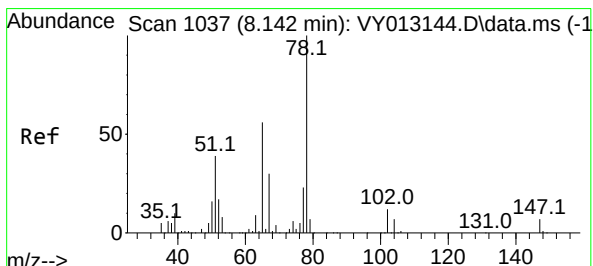
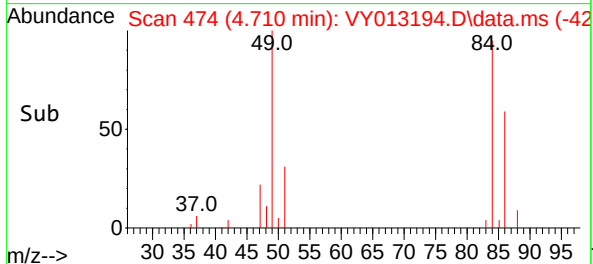
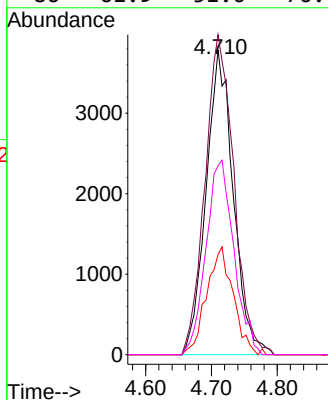
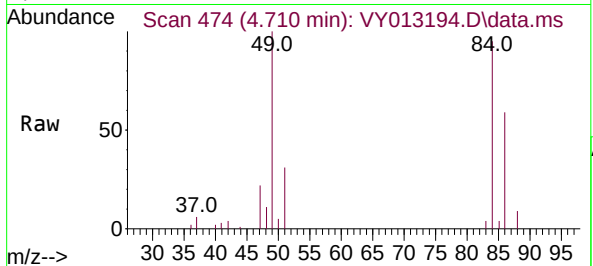




#20
Methylene Chloride
Concen: 12.055 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

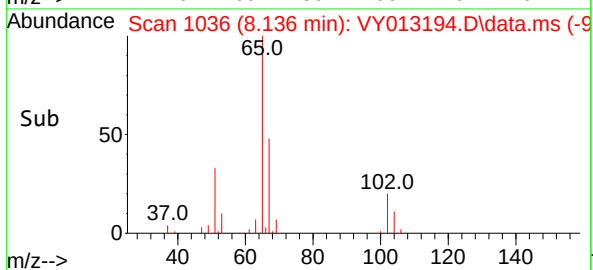
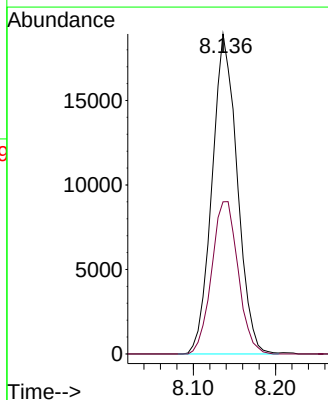
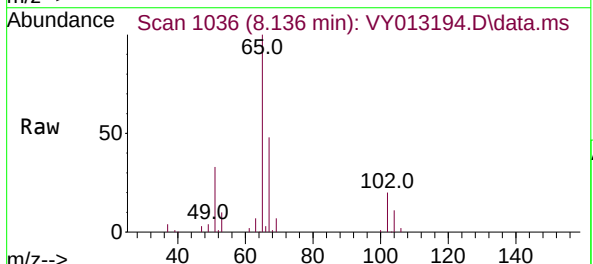
Instrument :
MSVOA_Y
ClientSampleId :
SB-1BRE

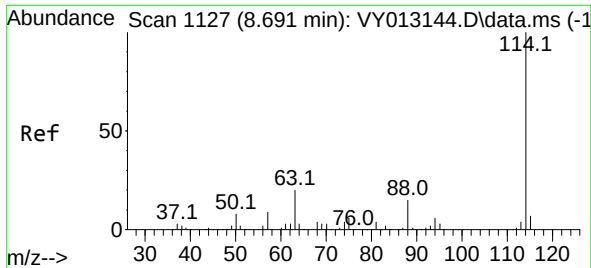
Tgt Ion: 84	Resp: 10892		
Ion	Ratio	Lower	Upper
84	100		
49	104.9	102.6	154.0
51	32.8	31.9	47.9
86	61.9	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 62.941 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

Tgt Ion: 65	Resp: 40260
Ion Ratio	Lower Upper
65 100	
67 50.0	0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013194.D

Acq: 04 Apr 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-1BRE

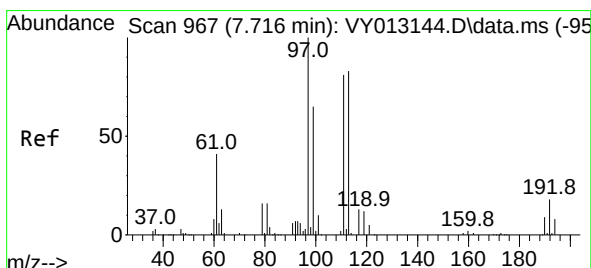
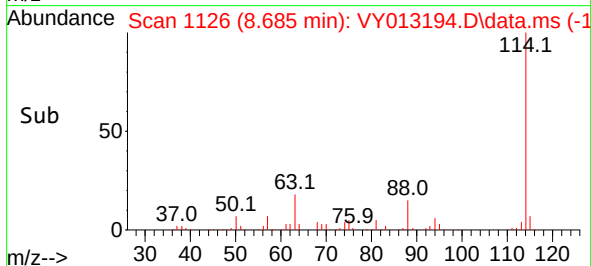
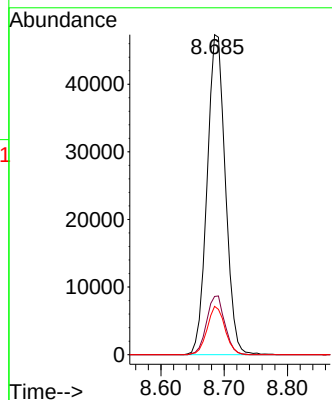
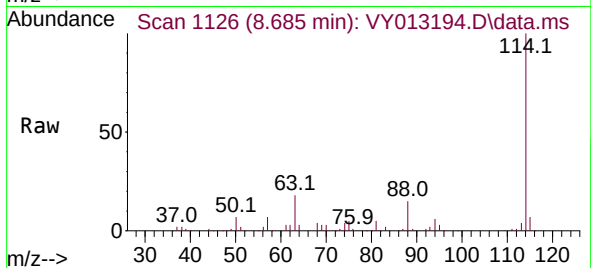
Tgt Ion:114 Resp: 94725

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.4

88 15.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 54.046 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY013194.D

Acq: 04 Apr 2023 17:05

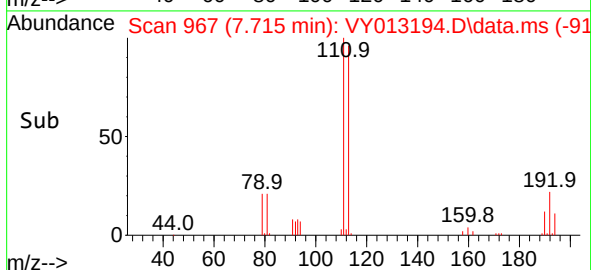
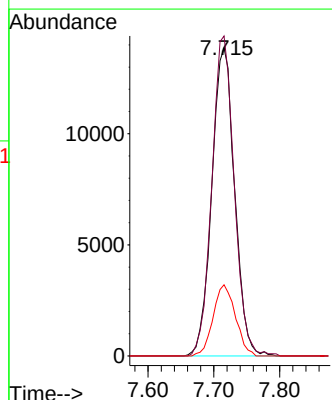
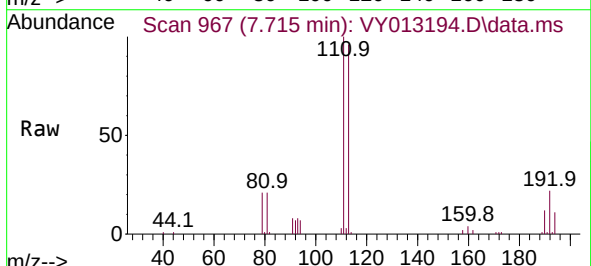
Tgt Ion:113 Resp: 33444

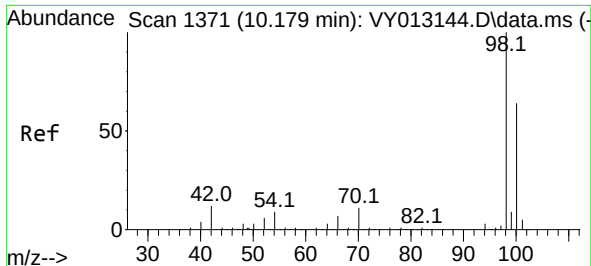
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 22.6 16.8 25.2

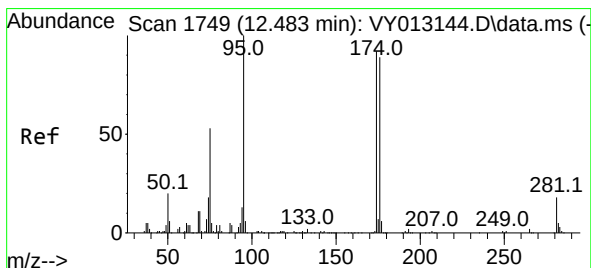
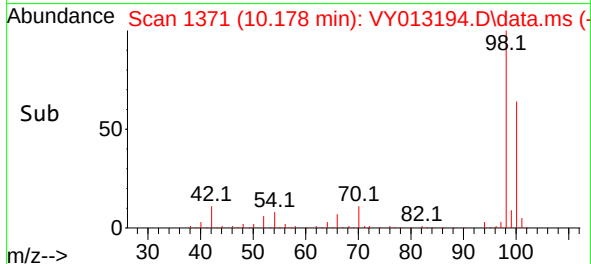
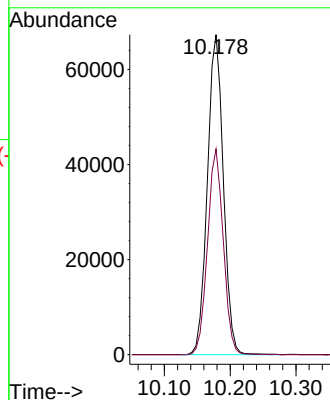
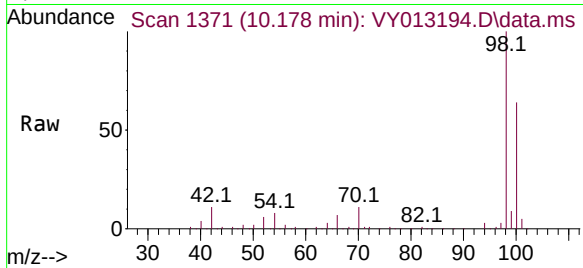




#50
Toluene-d8
Concen: 48.718 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

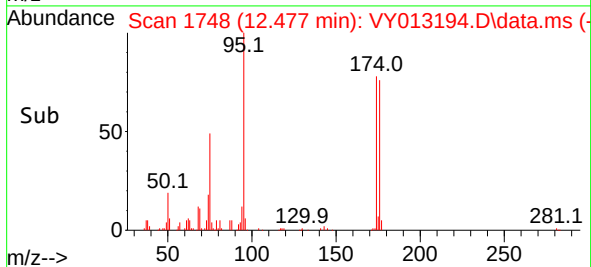
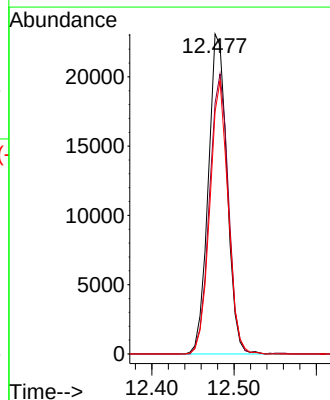
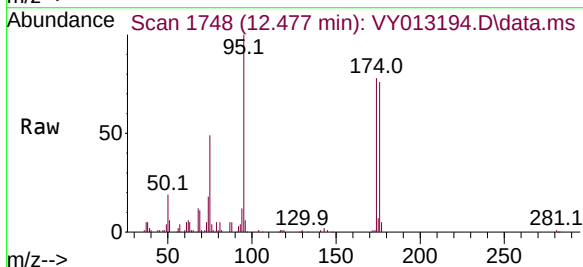
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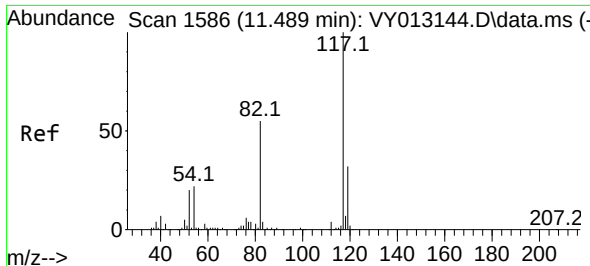
Tgt Ion: 98 Resp: 113809
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.043 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

Tgt Ion: 95 Resp: 36532
Ion Ratio Lower Upper
95 100
174 88.6 0.0 176.6
176 83.5 0.0 170.2

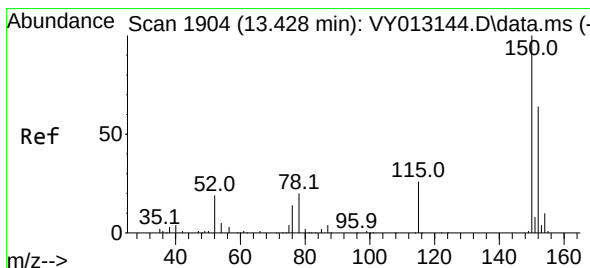
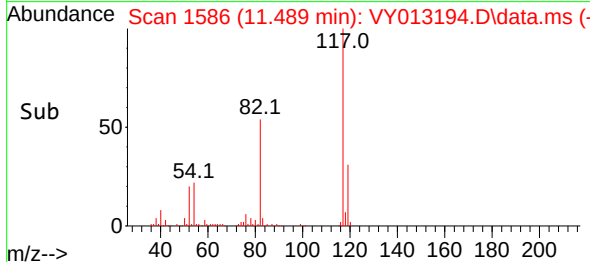
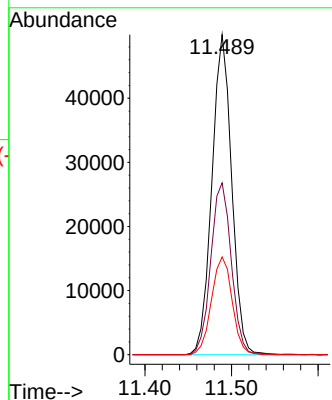
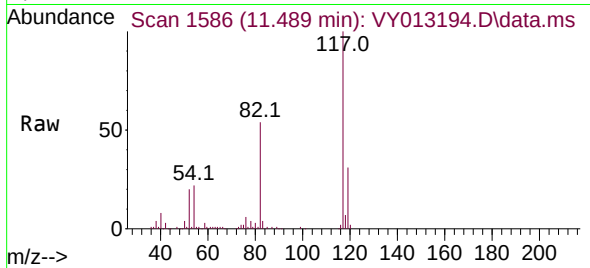




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-1BRE

Tgt Ion:117 Resp: 79234
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.0
119 30.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013194.D
Acq: 04 Apr 2023 17:05

Tgt Ion:152 Resp: 43771
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 160.0 0.0 347.8

