

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013343.D
 Acq On : 19 Apr 2023 14:15
 Operator : KP/MD
 Sample : 02371-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-22-8.5-9.0

Quant Time: Apr 20 07:58:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

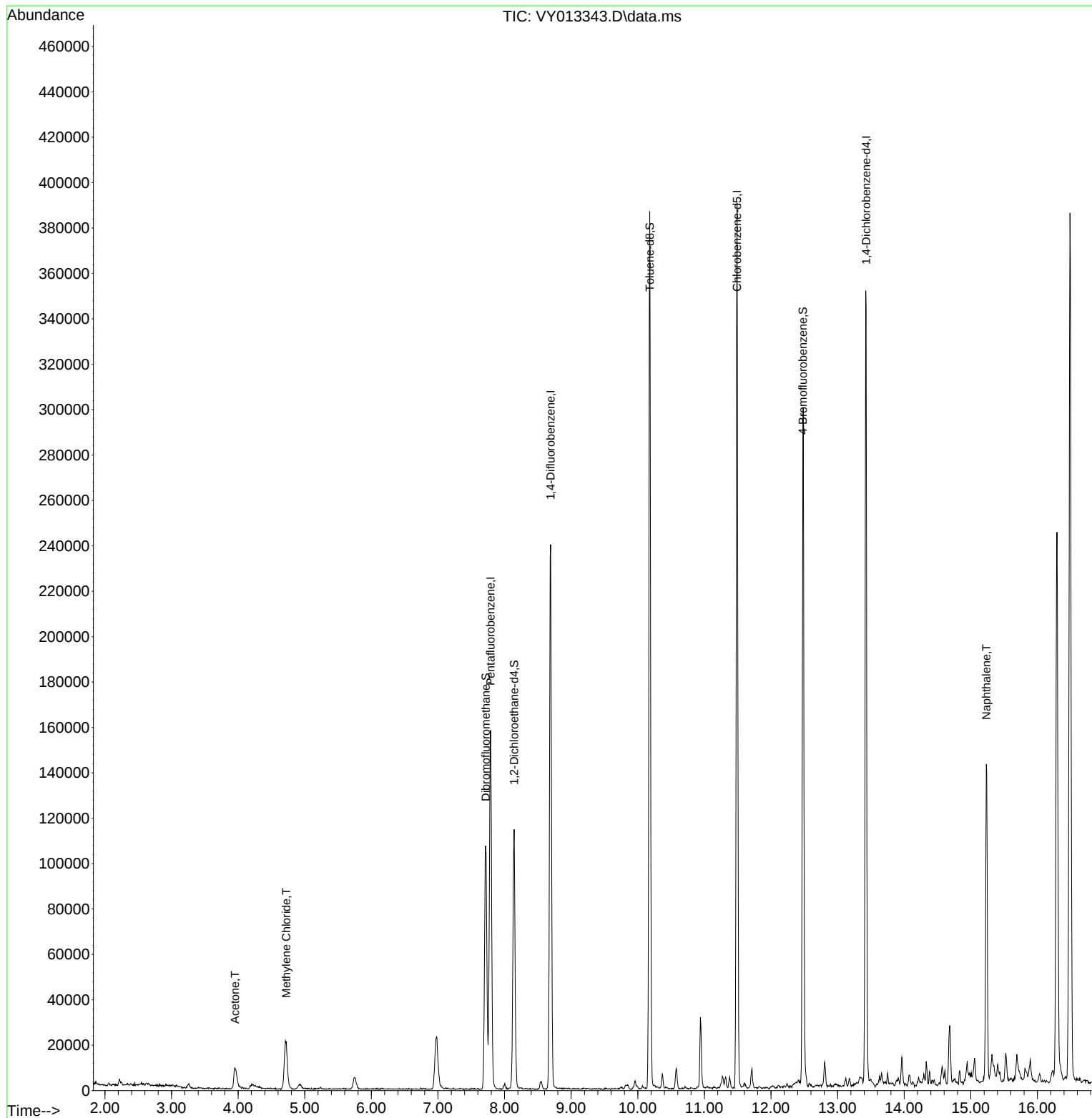
Internal Standards						
1) Pentafluorobenzene	7.789	168	124434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88162	58.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.920%
35) Dibromofluoromethane	7.716	113	77840	59.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.140%
50) Toluene-d8	10.179	98	254021	51.786	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.580%
62) 4-Bromofluorobenzene	12.477	95	82108	51.518	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.040%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	20358	39.594	ug/l	98
20) Methylene Chloride	4.723	84	15946	8.167	ug/l #	91
95) Naphthalene	15.233	128	116385	30.605	ug/l	99

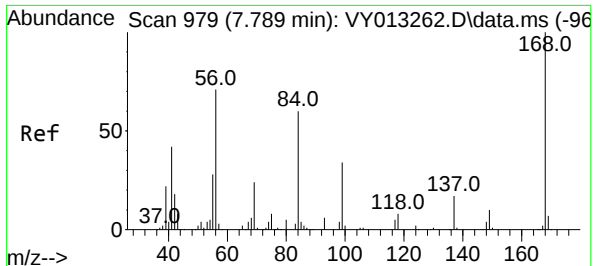
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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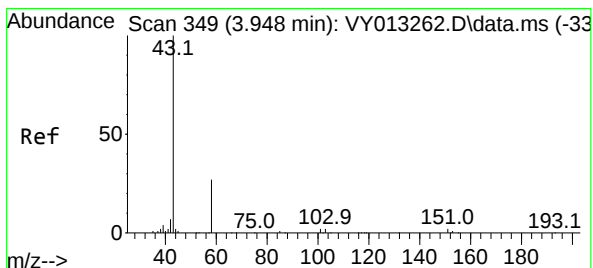
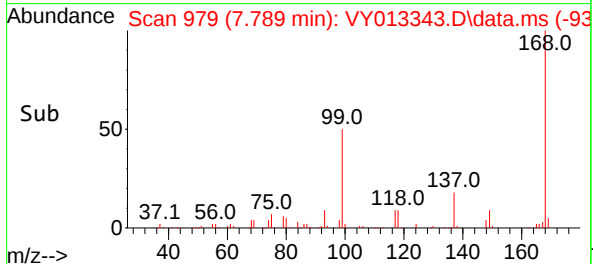
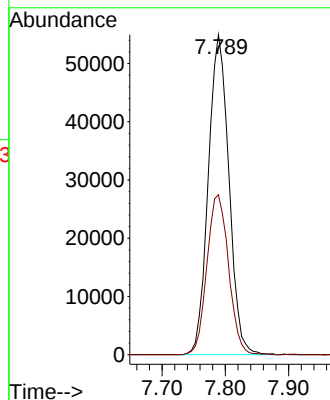
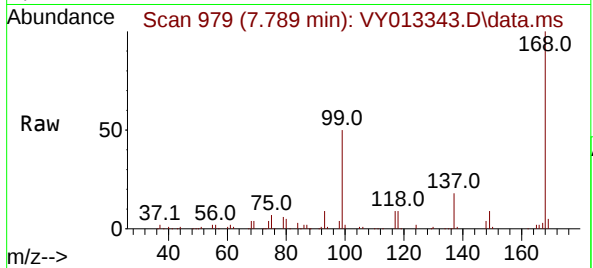




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013343.D
Acq: 19 Apr 2023 14:15

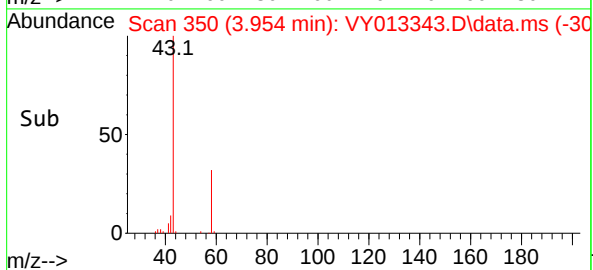
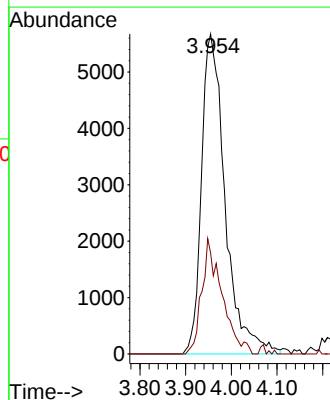
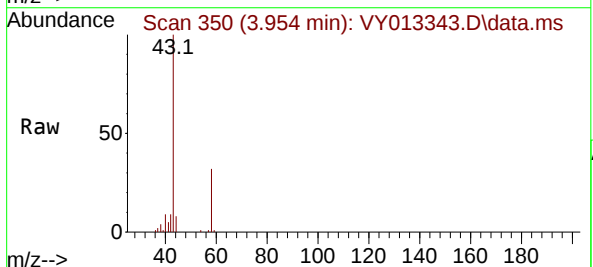
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-8.5-9.0

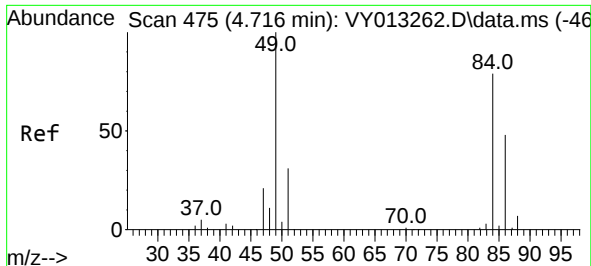
Tgt Ion:168 Resp: 124434
Ion Ratio Lower Upper
168 100
99 50.0 41.7 62.5



#16
Acetone
Concen: 39.594 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013343.D
Acq: 19 Apr 2023 14:15

Tgt Ion: 43 Resp: 20358
Ion Ratio Lower Upper
43 100
58 31.5 24.2 36.2



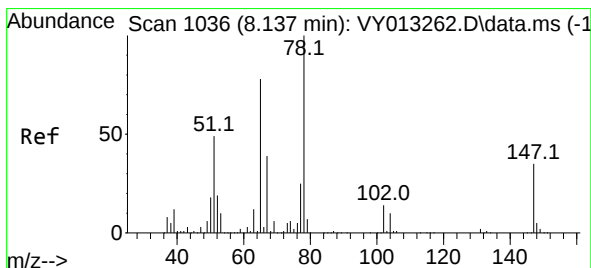
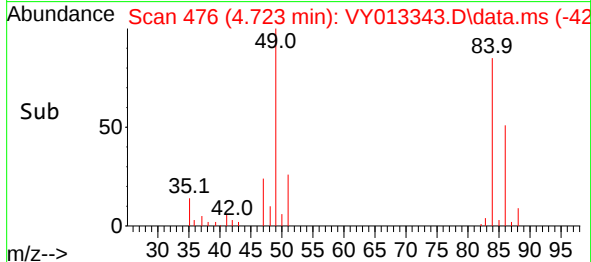
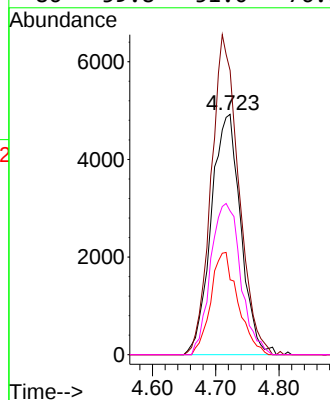
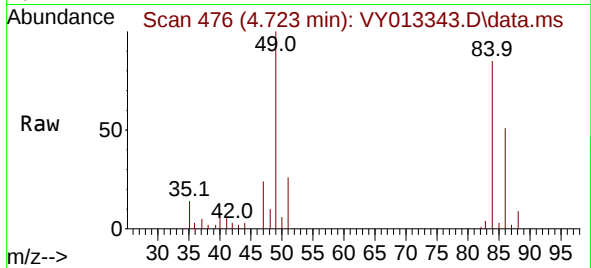


#20
Methylene Chloride
Concen: 8.167 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY013343.D
Acq: 19 Apr 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-22-8.5-9.0

Tgt Ion: 84 Resp: 15946

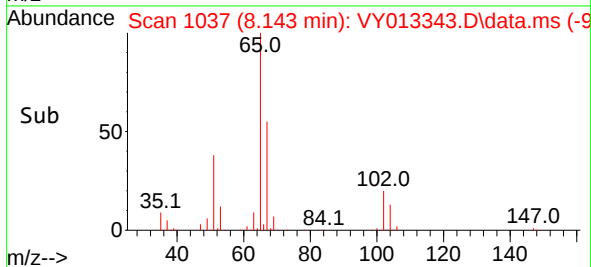
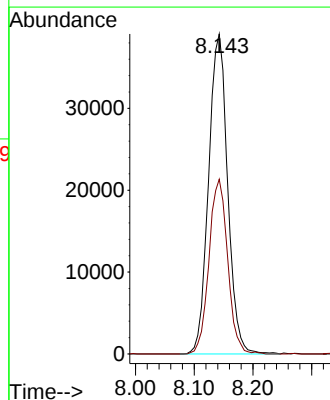
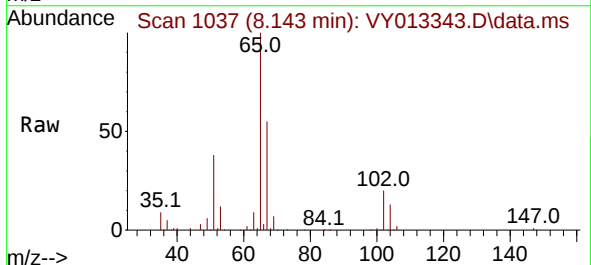
Ion	Ratio	Lower	Upper
84	100		
49	118.2	102.6	154.0
51	31.1	31.9	47.9#
86	59.8	51.0	76.6

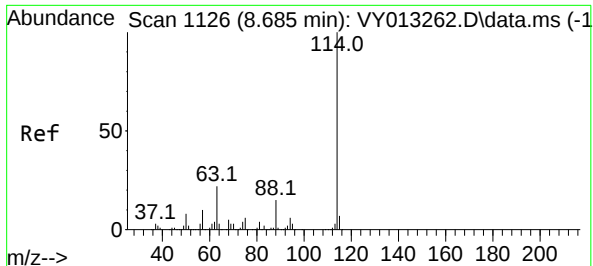


#33
1,2-Dichloroethane-d4
Concen: 58.955 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013343.D
Acq: 19 Apr 2023 14:15

Tgt Ion: 65 Resp: 88162

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY013343.D

Acq: 19 Apr 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-22-8.5-9.0

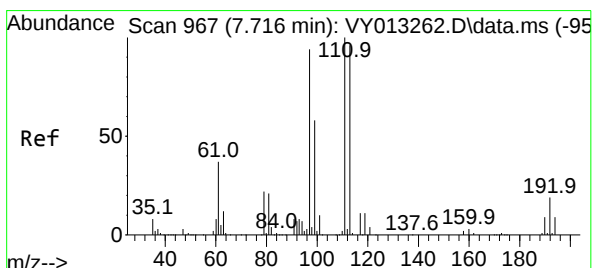
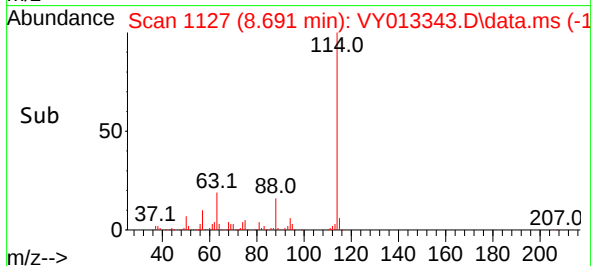
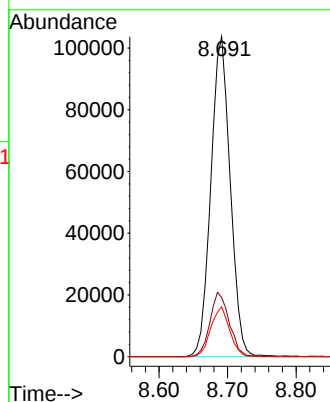
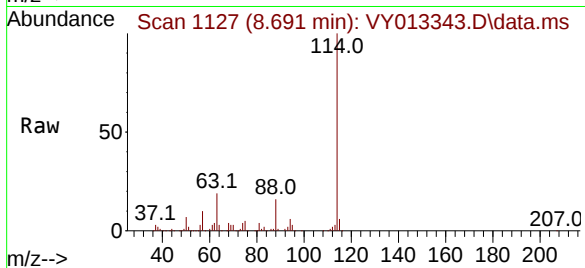
Tgt Ion:114 Resp: 203562

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

88 15.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 59.066 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013343.D

Acq: 19 Apr 2023 14:15

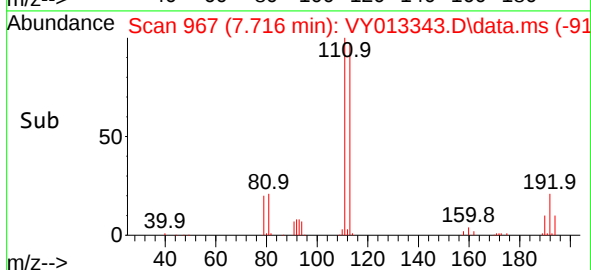
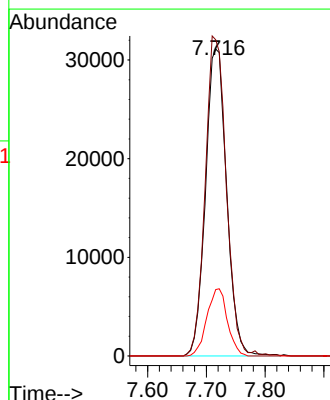
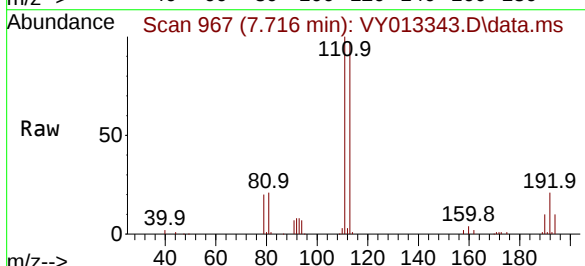
Tgt Ion:113 Resp: 77840

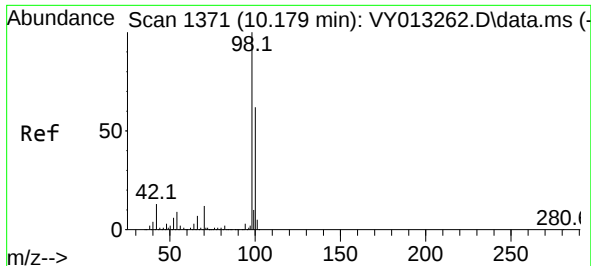
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.2

192 21.2 16.8 25.2

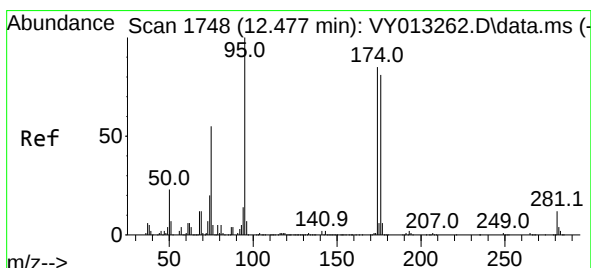
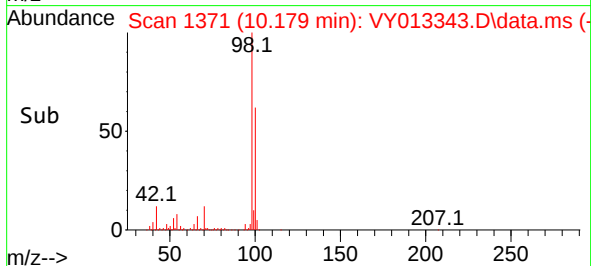
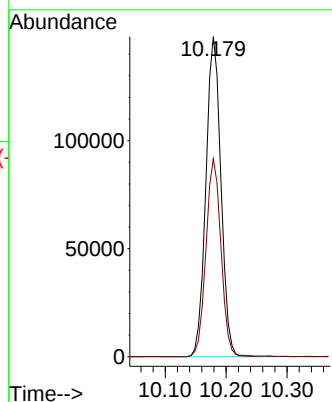
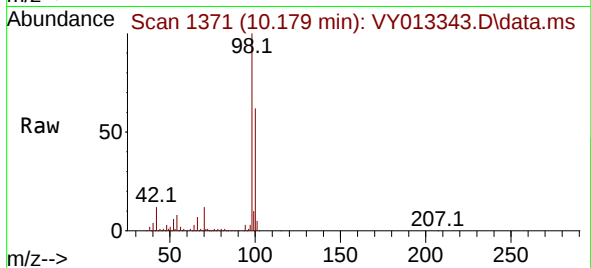




#50
Toluene-d8
Concen: 51.786 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013343.D
Acq: 19 Apr 2023 14:15

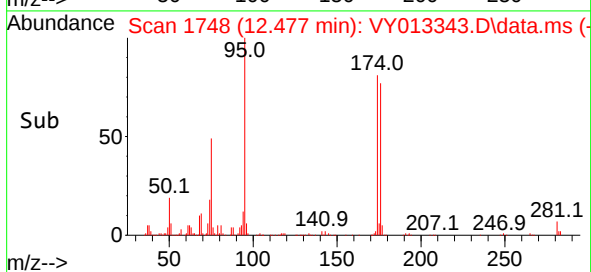
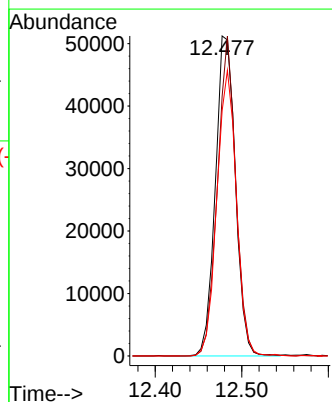
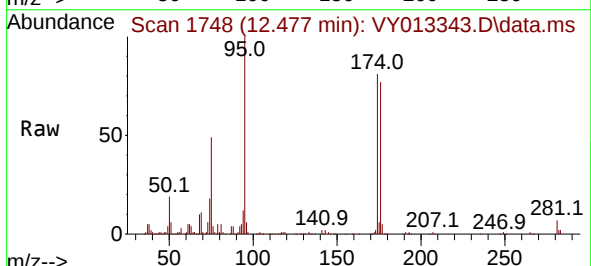
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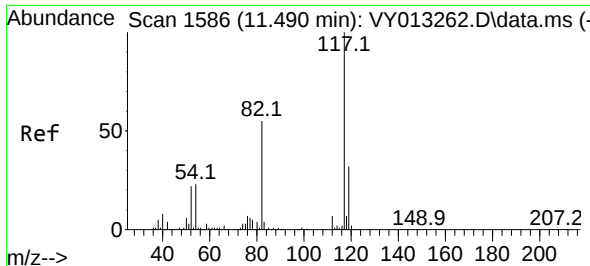
Tgt Ion: 98 Resp: 254021
Ion Ratio Lower Upper
98 100
100 61.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.518 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013343.D
Acq: 19 Apr 2023 14:15

Tgt Ion: 95 Resp: 82108
Ion Ratio Lower Upper
95 100
174 92.0 0.0 176.6
176 86.9 0.0 170.2

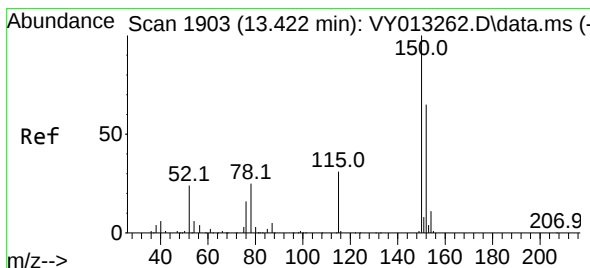
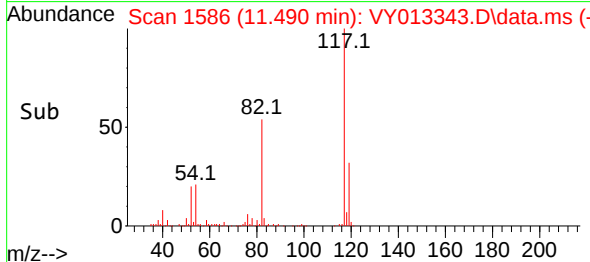
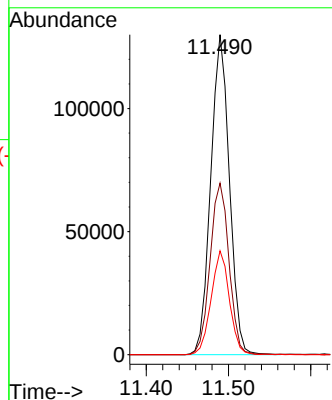
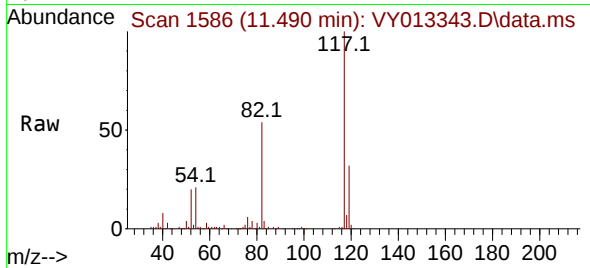




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013343.D
Acq: 19 Apr 2023 14:15

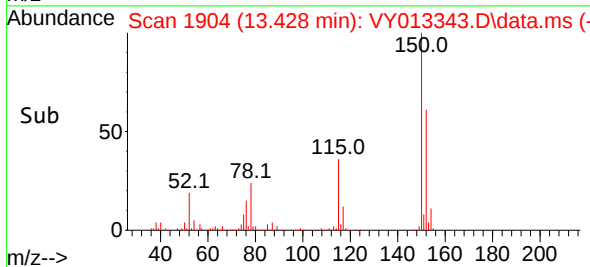
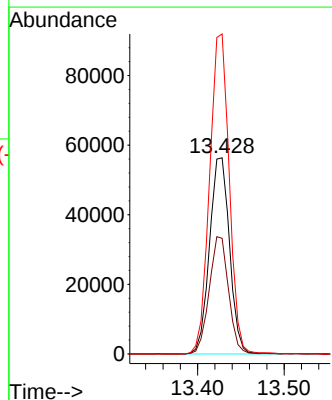
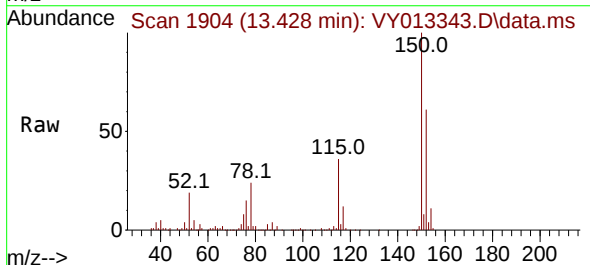
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-8.5-9.0

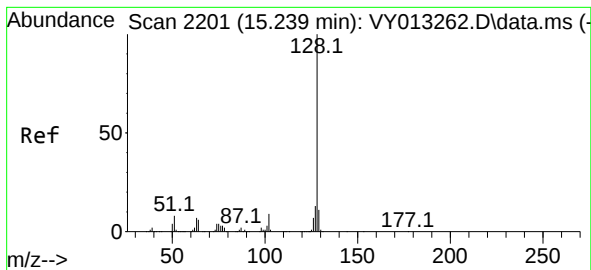
Tgt Ion:117 Resp: 204897
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013343.D
Acq: 19 Apr 2023 14:15

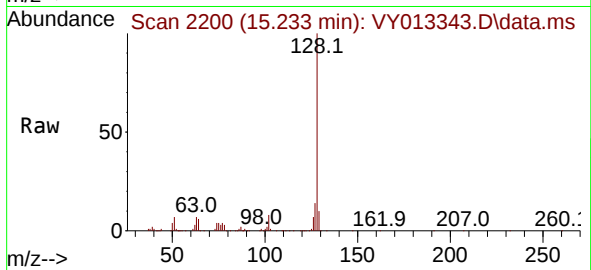
Tgt Ion:152 Resp: 90658
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 160.0 0.0 347.8





#95
Naphthalene
Concen: 30.605 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013343.D
Acq: 19 Apr 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-22-8.5-9.0



Tgt Ion:128 Resp: 116385
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 11.0 8.6 13.0

