

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011034.D
 Acq On : 20 Oct 2022 18:37
 Operator : KP/MD
 Sample : N5193-09
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-04-15-3

Quant Time: Oct 20 22:25:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

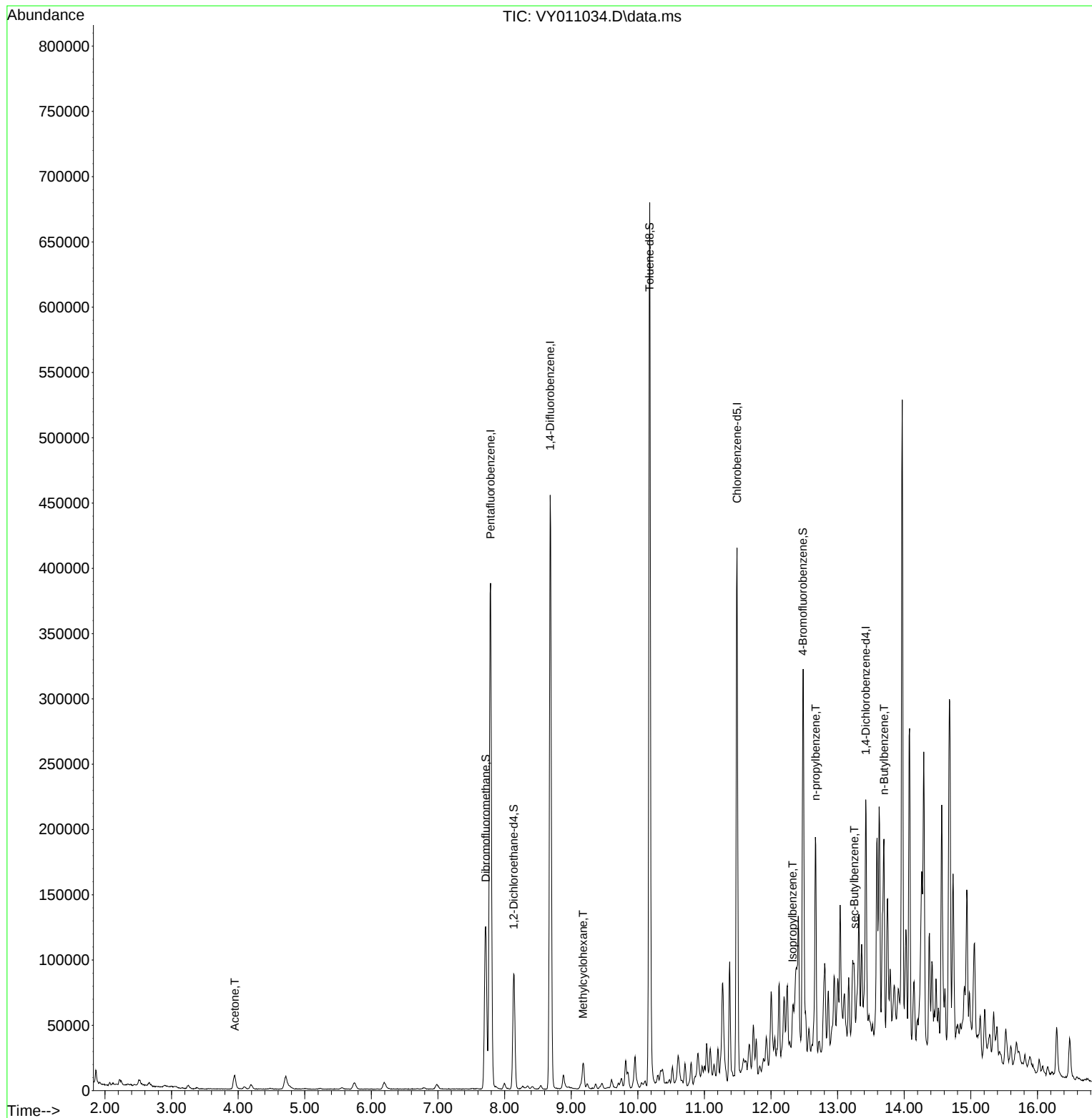
Internal Standards						
1) Pentafluorobenzene	7.789	168	315149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	402391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	226228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70670	24.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	48.680%#
35) Dibromofluoromethane	7.716	113	93808	41.454	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.900%
50) Toluene-d8	10.179	98	438579	52.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.477	95	75717	23.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	47.660%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	17912	21.247	ug/l #	79
39) Methylcyclohexane	9.179	83	8320	1.854	ug/l	91
73) Isopropylbenzene	12.325	105	21299	5.885	ug/l	97
78) n-propylbenzene	12.672	91	128881	29.268	ug/l	99
85) sec-Butylbenzene	13.251	105	26353	6.716	ug/l #	47
89) n-Butylbenzene	13.696	91	88558	29.113	ug/l #	88

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

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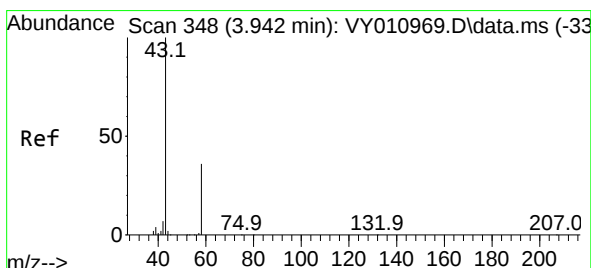
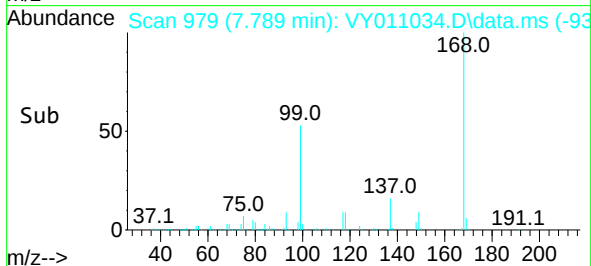
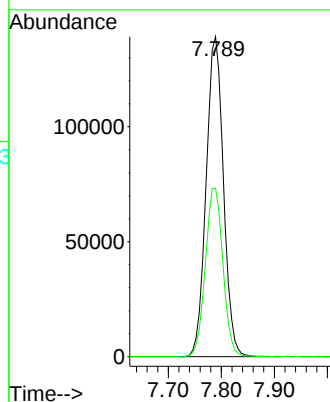
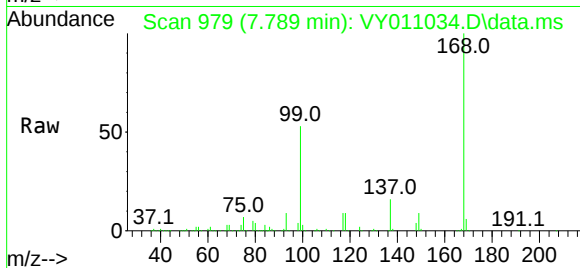




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011034.D
Acq: 20 Oct 2022 18:37

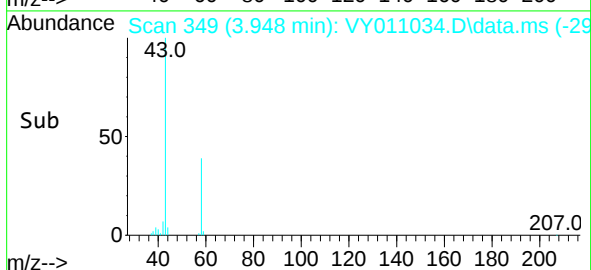
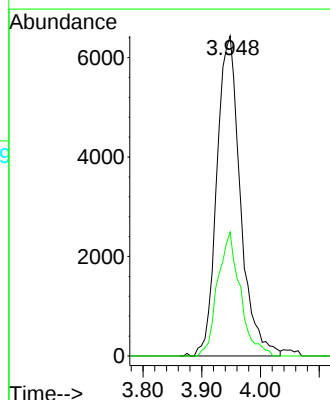
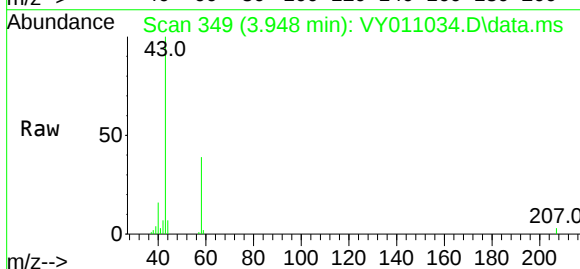
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-04-15-3

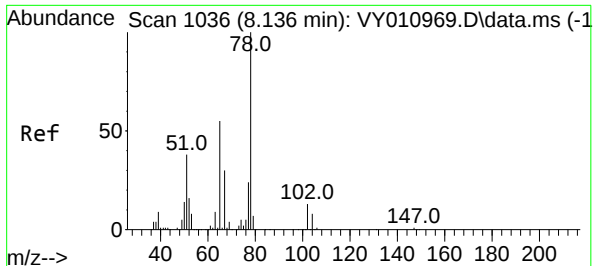
Tgt Ion:168 Resp: 315149
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#16
Acetone
Concen: 21.247 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011034.D
Acq: 20 Oct 2022 18:37

Tgt Ion: 43 Resp: 17912
Ion Ratio Lower Upper
43 100
58 38.7 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 24.344 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011034.D

Acq: 20 Oct 2022 18:37

Instrument :

MSVOA_Y

ClientSampleId :

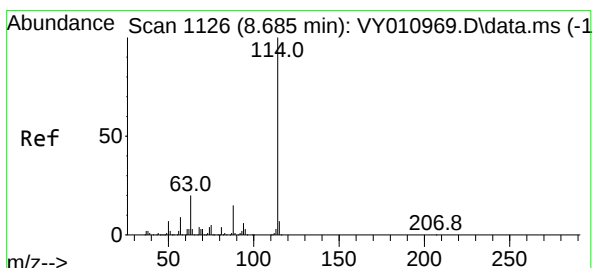
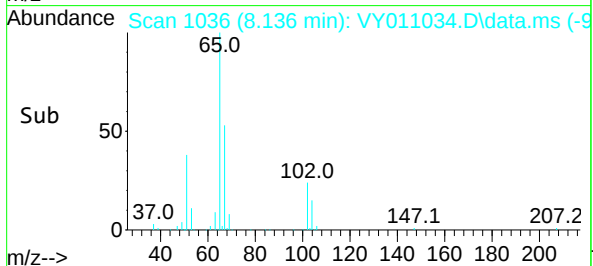
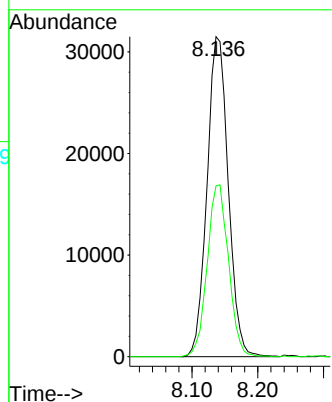
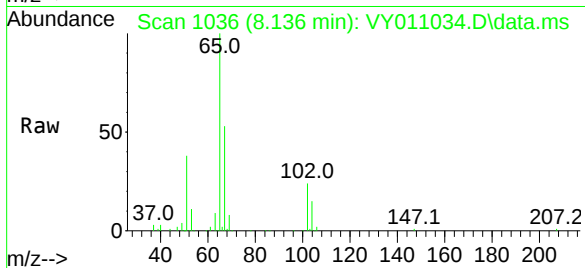
LSP-SS-04-15-3

Tgt Ion: 65 Resp: 70670

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011034.D

Acq: 20 Oct 2022 18:37

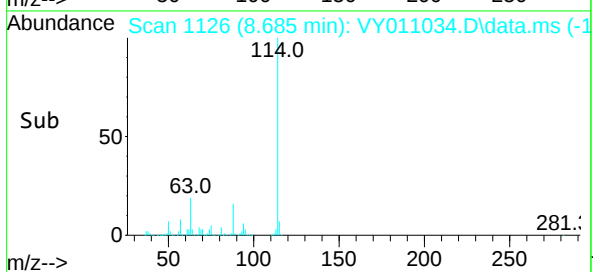
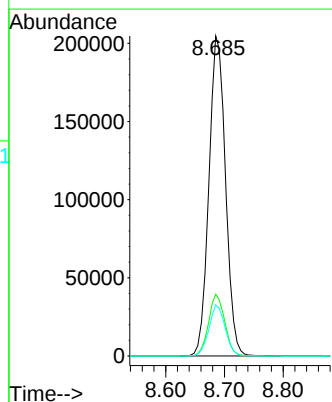
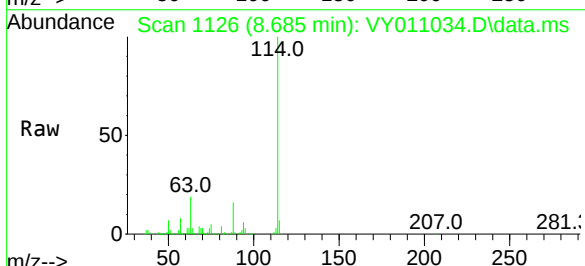
Tgt Ion: 114 Resp: 402391

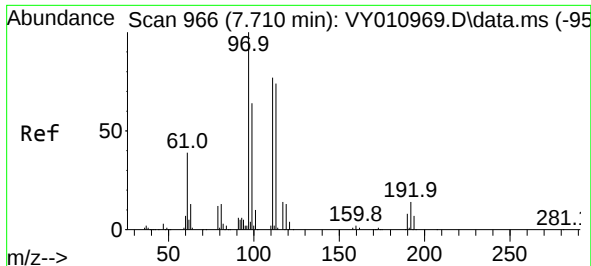
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.9 0.0 31.8

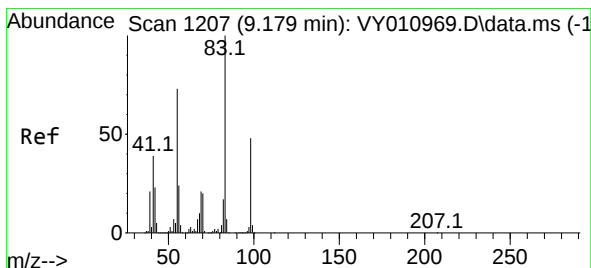
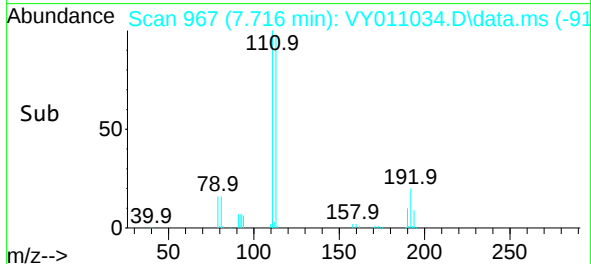
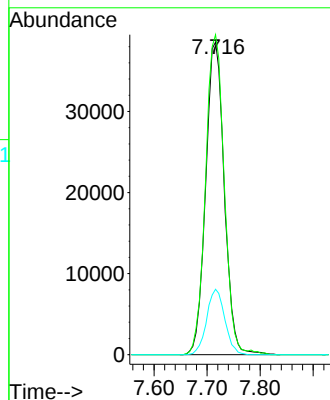
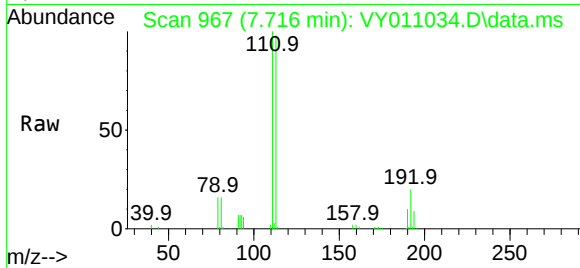




#35
Dibromofluoromethane
Concen: 41.454 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011034.D
Acq: 20 Oct 2022 18:37

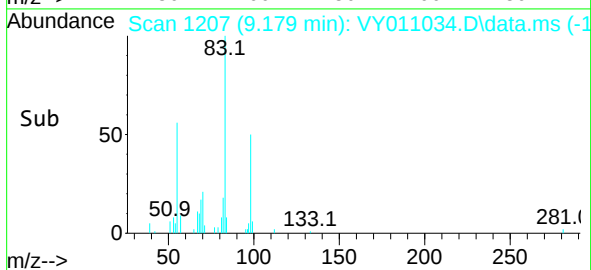
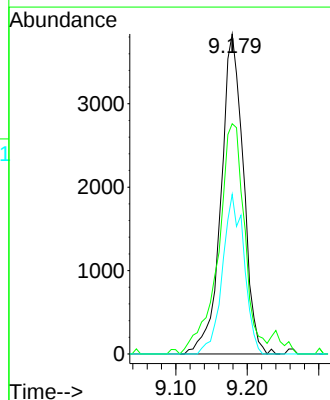
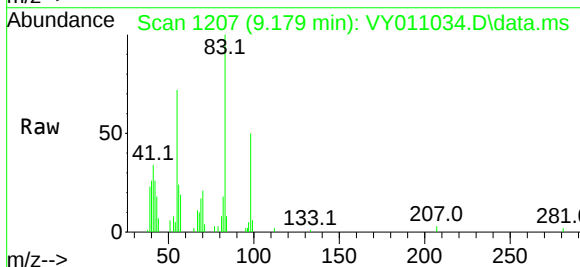
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-04-15-3

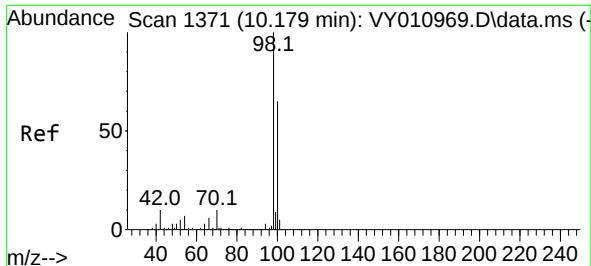
Tgt Ion:113 Resp: 93808
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.5 17.6 26.4



#39
Methylcyclohexane
Concen: 1.854 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY011034.D
Acq: 20 Oct 2022 18:37

Tgt Ion: 83 Resp: 8320
Ion Ratio Lower Upper
83 100
55 72.0 66.5 99.7
98 49.8 37.9 56.9

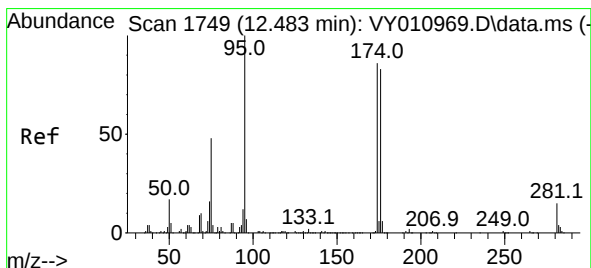
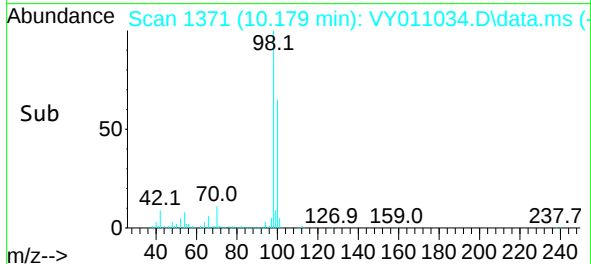
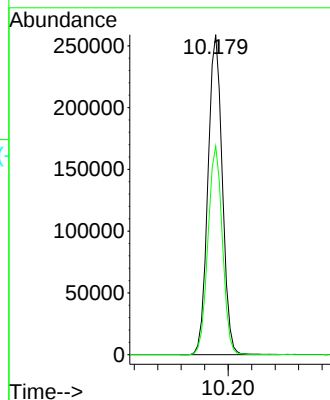
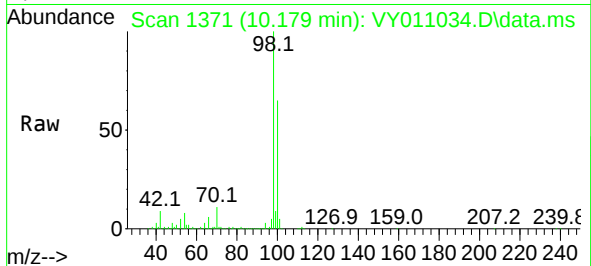




#50
Toluene-d8
Concen: 52.200 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011034.D
Acq: 20 Oct 2022 18:37

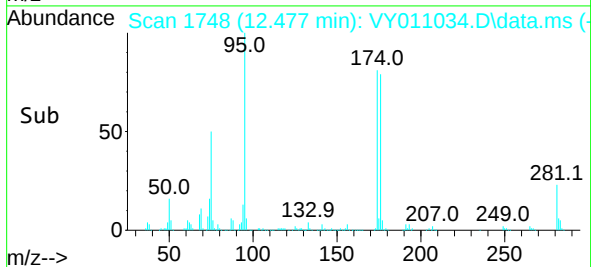
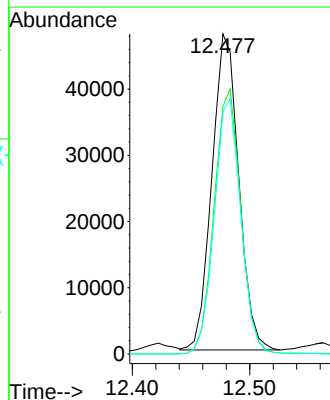
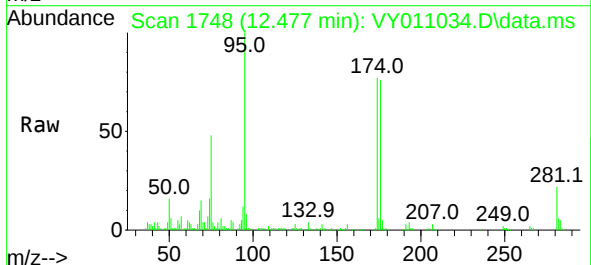
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-04-15-3

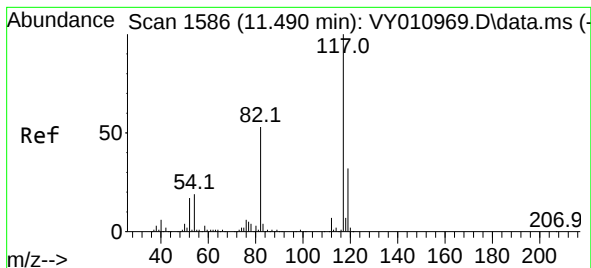
Tgt Ion: 98 Resp: 438579
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 23.833 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011034.D
Acq: 20 Oct 2022 18:37

Tgt Ion: 95 Resp: 75717
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 79.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011034.D

Acq: 20 Oct 2022 18:37

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-04-15-3

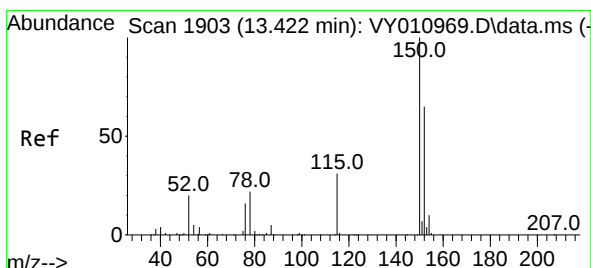
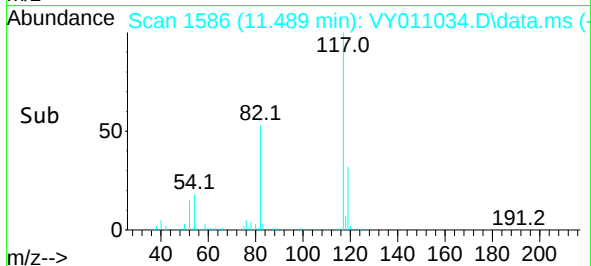
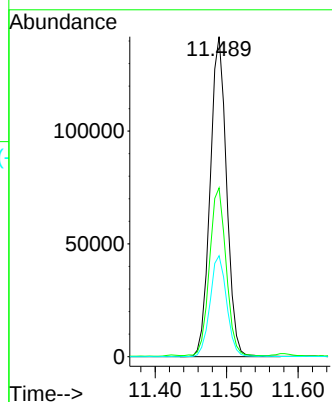
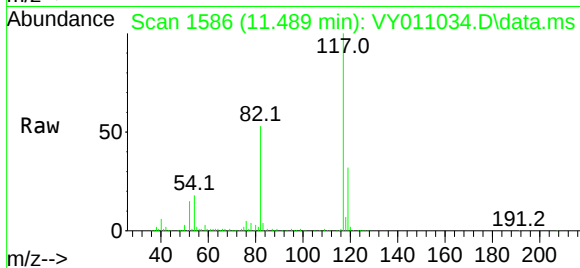
Tgt Ion:117 Resp: 226228

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.4

119 31.6 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: VY011034.D

Acq: 20 Oct 2022 18:37

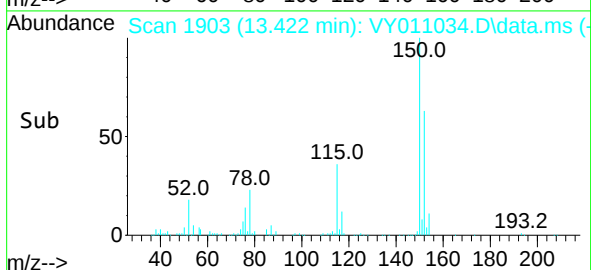
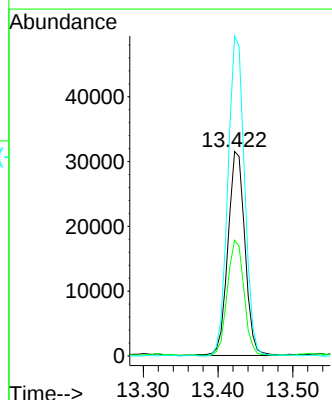
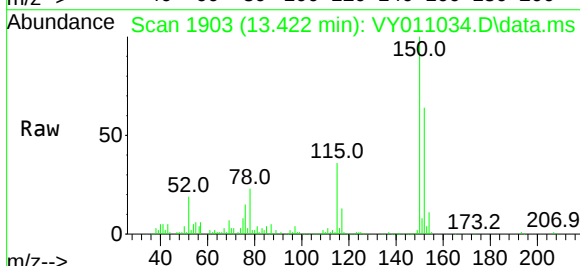
Tgt Ion:152 Resp: 49816

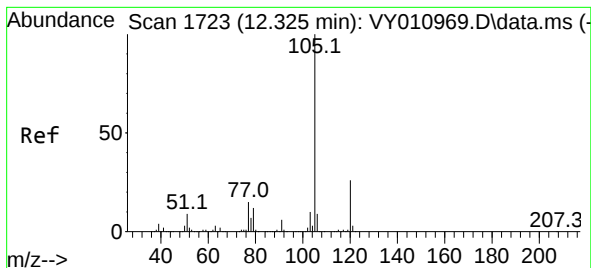
Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

150 154.1 0.0 347.6





#73

Isopropylbenzene

Concen: 5.885 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY011034.D

Acq: 20 Oct 2022 18:37

Instrument :

MSVOA_Y

ClientSampleId :

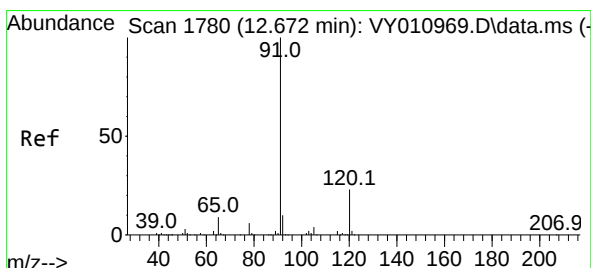
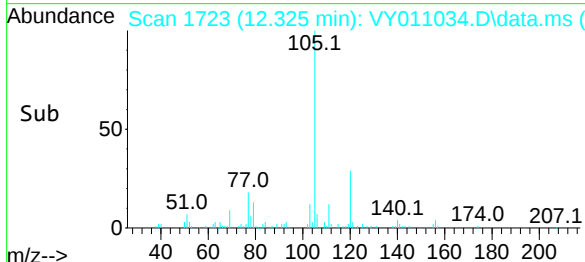
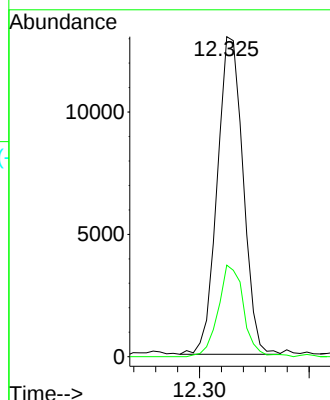
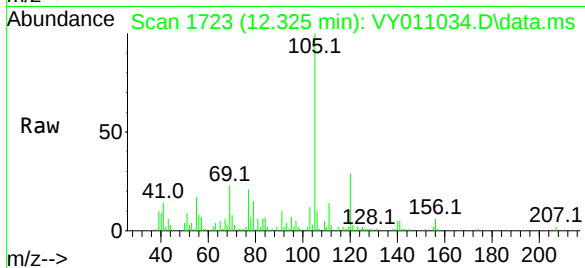
LSP-SS-04-15-3

Tgt Ion:105 Resp: 21299

Ion Ratio Lower Upper

105 100

120 28.3 13.4 40.2



#78

n-propylbenzene

Concen: 29.268 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY011034.D

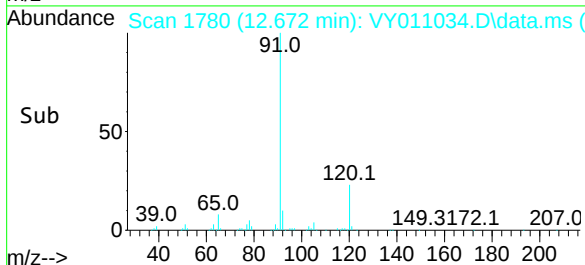
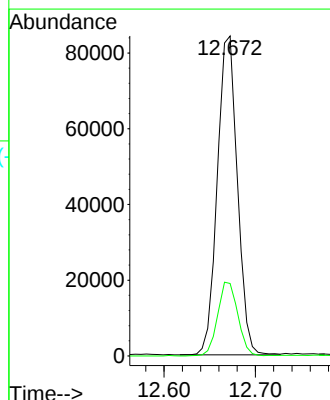
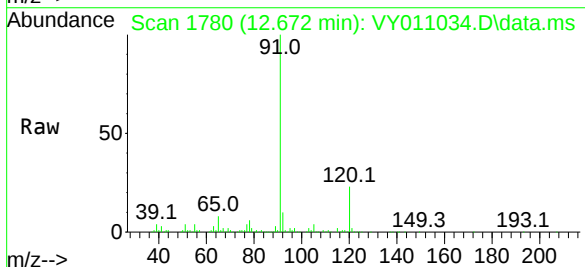
Acq: 20 Oct 2022 18:37

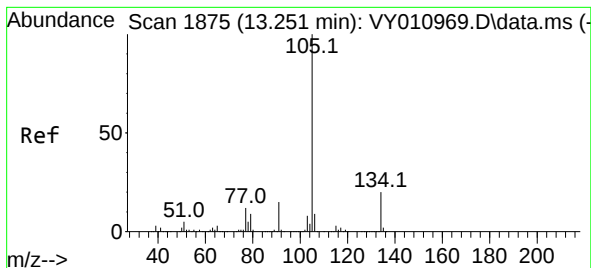
Tgt Ion: 91 Resp: 128881

Ion Ratio Lower Upper

91 100

120 23.3 11.3 33.9





#85

sec-Butylbenzene

Concen: 6.716 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY011034.D

Acq: 20 Oct 2022 18:37

Instrument :

MSVOA_Y

ClientSampleId :

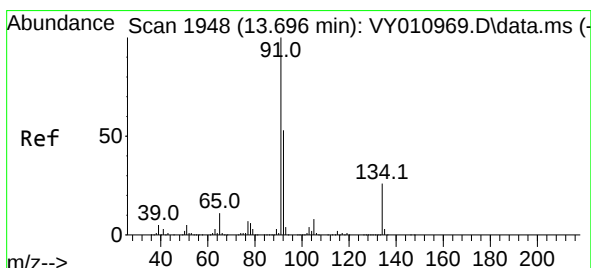
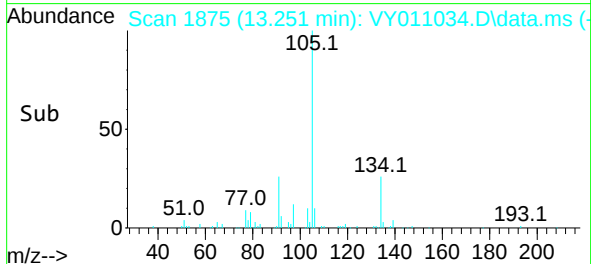
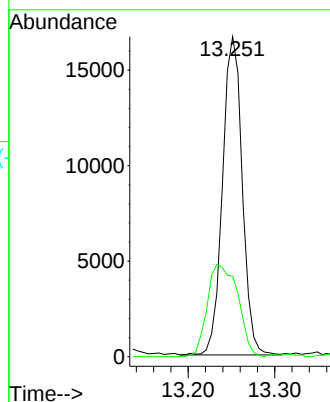
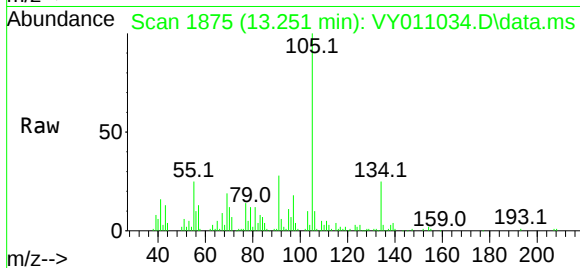
LSP-SS-04-15-3

Tgt Ion:105 Resp: 26353

Ion Ratio Lower Upper

105 100

134 44.8 10.2 30.4#



#89

n-Butylbenzene

Concen: 29.113 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY011034.D

Acq: 20 Oct 2022 18:37

Tgt Ion: 91 Resp: 88558

Ion Ratio Lower Upper

91 100

92 48.9 26.3 78.9

134 39.6 13.0 38.9#

