

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012999.D
 Acq On : 17 Mar 2023 20:06
 Operator : KP/MD
 Sample : 01974-03
 Misc : 6.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SHELL-ROAD-1

Quant Time: Mar 18 05:50:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

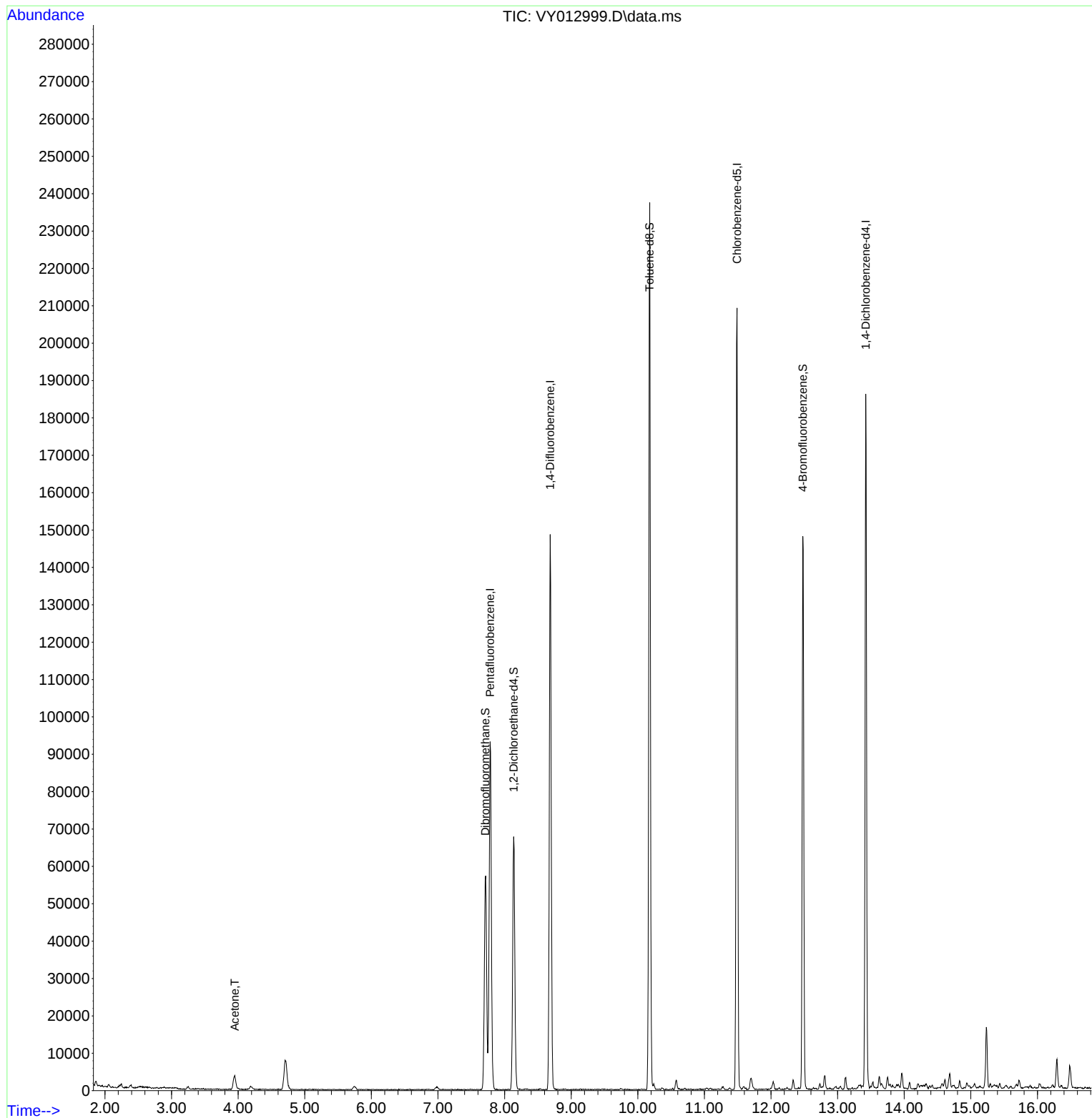
Internal Standards						
1) Pentafluorobenzene	7.783	168	71642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	122700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	110931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	51336	72.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.340%
35) Dibromofluoromethane	7.710	113	40504	54.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.400%
50) Toluene-d8	10.179	98	148506	54.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.720%
62) 4-Bromofluorobenzene	12.477	95	43196	47.275	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.560%
Target Compounds						
16) Acetone	3.948	43	6941	24.861	ug/l	98

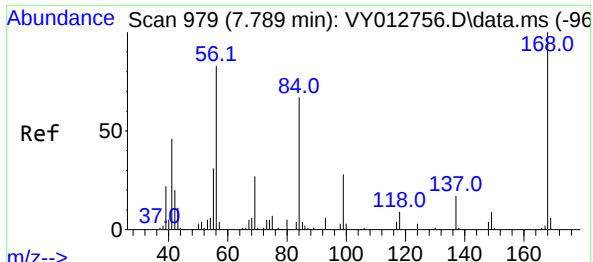
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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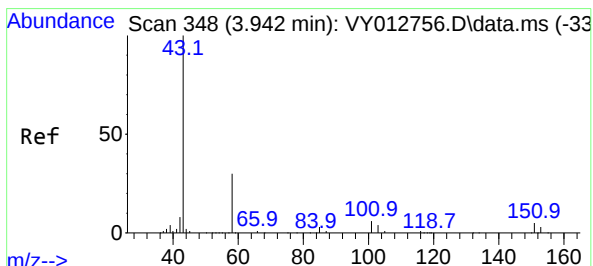
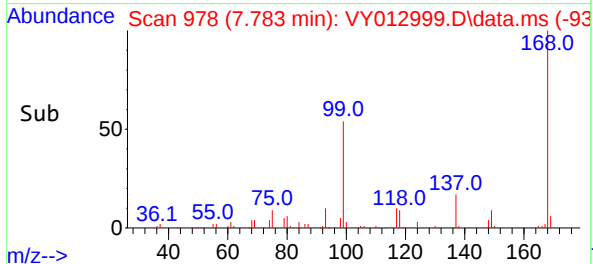
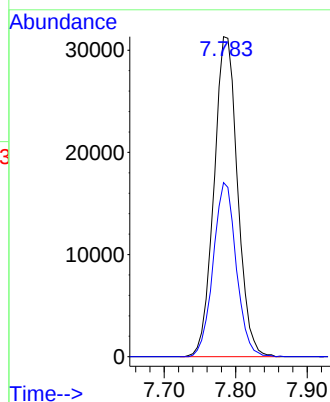
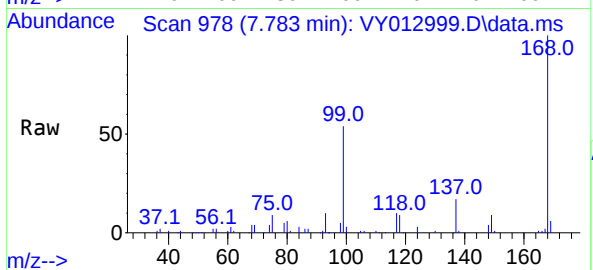




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012999.D
Acq: 17 Mar 2023 20:06

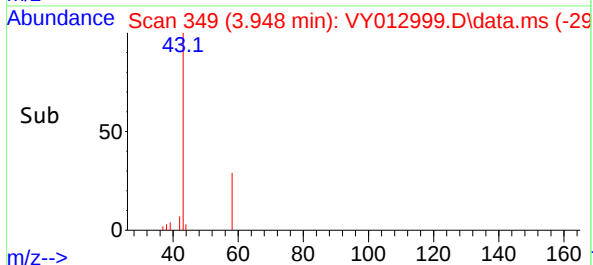
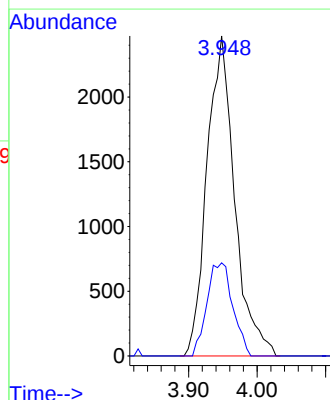
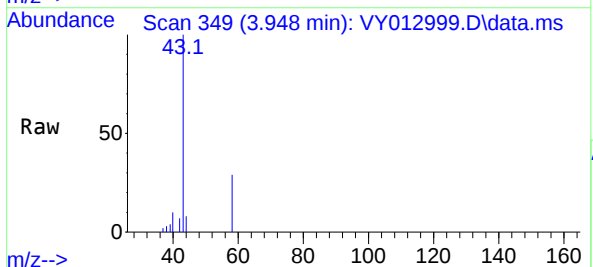
Instrument :
MSVOA_Y
ClientSampleId :
SHELL-ROAD-1

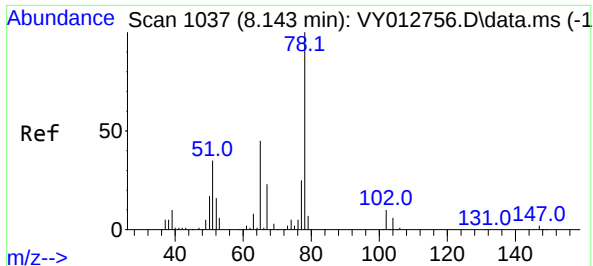
Tgt Ion:168 Resp: 71642
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5



#16
Acetone
Concen: 24.861 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012999.D
Acq: 17 Mar 2023 20:06

Tgt Ion: 43 Resp: 6941
Ion Ratio Lower Upper
43 100
58 29.1 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 72.171 ug/l

RT: 8.137 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY012999.D

Acq: 17 Mar 2023 20:06

Instrument :

MSVOA_Y

ClientSampleId :

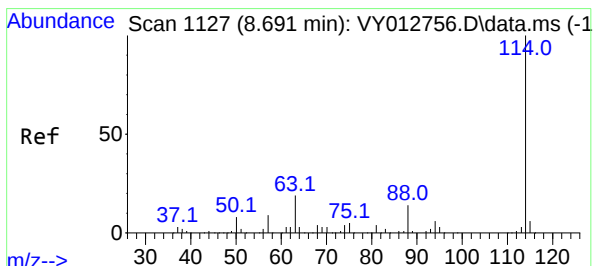
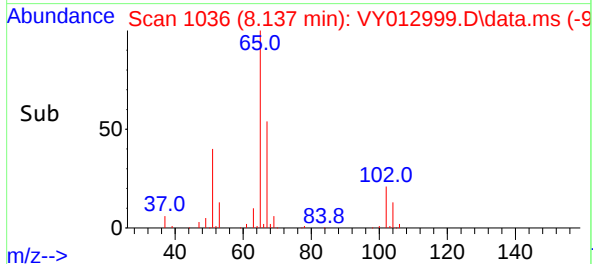
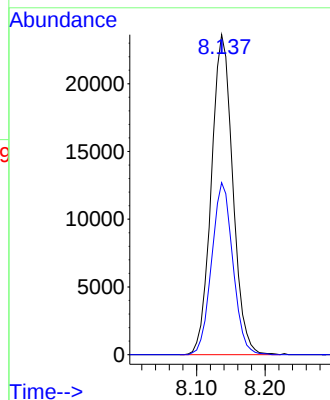
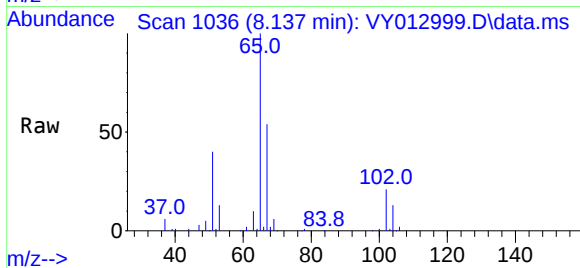
SHELL-ROAD-1

Tgt Ion: 65 Resp: 51336

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012999.D

Acq: 17 Mar 2023 20:06

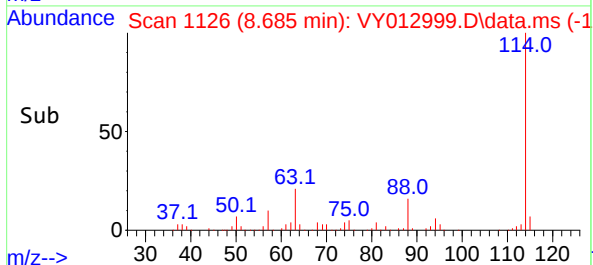
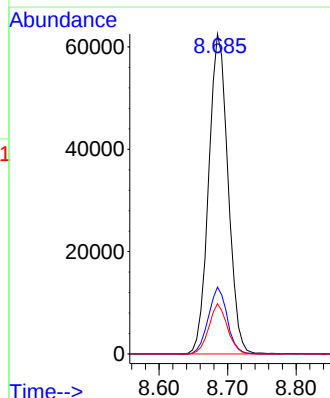
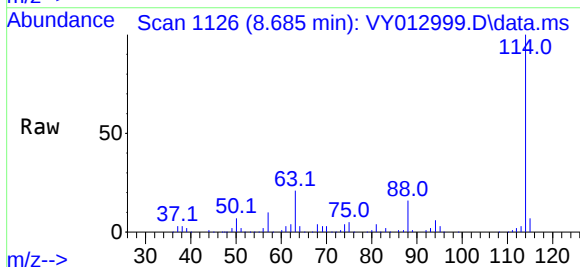
Tgt Ion: 114 Resp: 122700

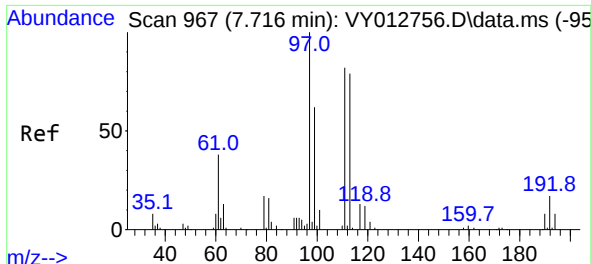
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 15.7 0.0 28.6

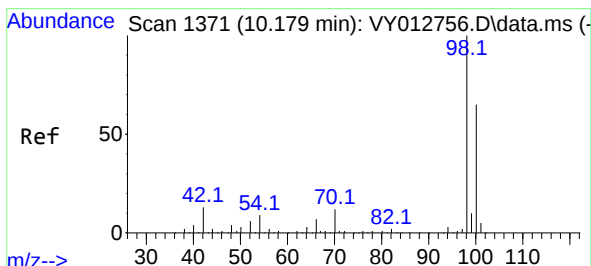
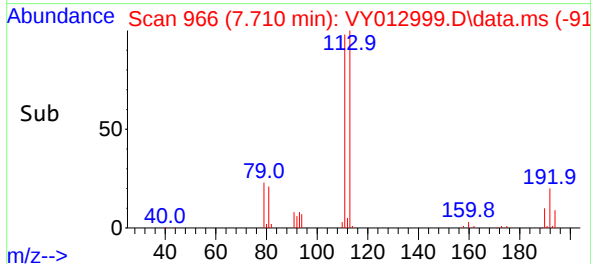
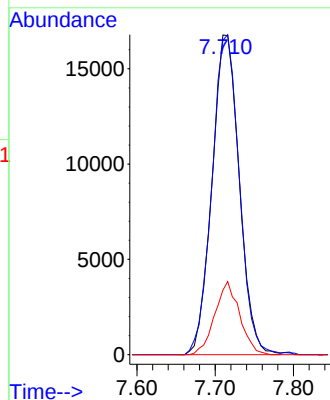
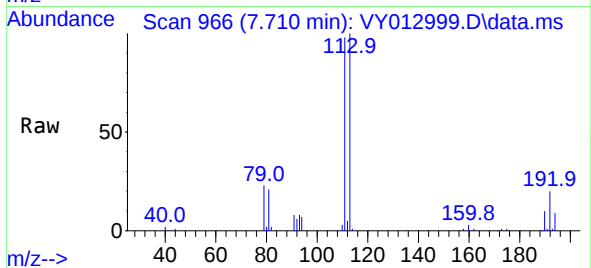




#35
Dibromofluoromethane
Concen: 54.699 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY012999.D
Acq: 17 Mar 2023 20:06

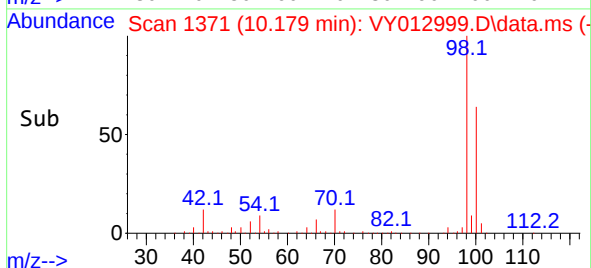
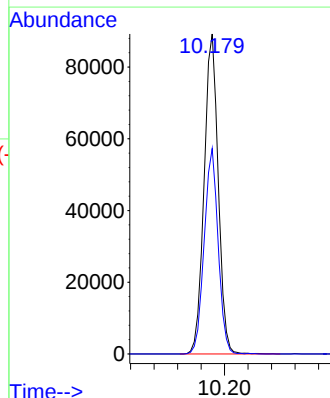
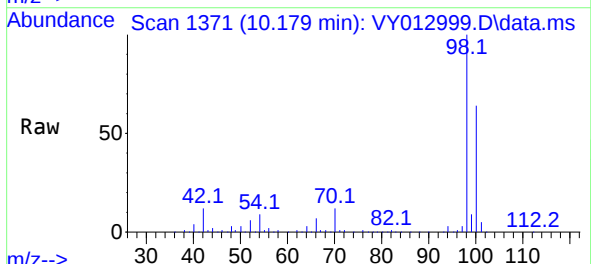
Instrument :
MSVOA_Y
ClientSampleId :
SHELL-ROAD-1

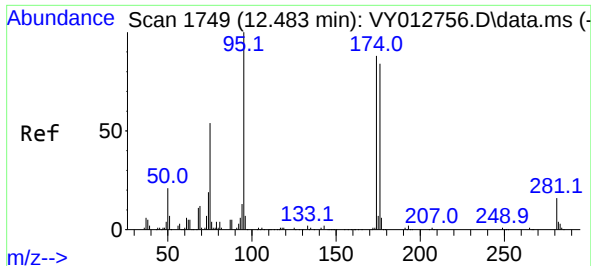
Tgt Ion:113 Resp: 40504
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.2
192 20.9 16.8 25.2



#50
Toluene-d8
Concen: 54.858 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012999.D
Acq: 17 Mar 2023 20:06

Tgt Ion: 98 Resp: 148506
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

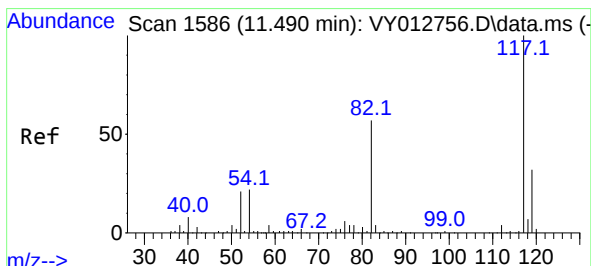
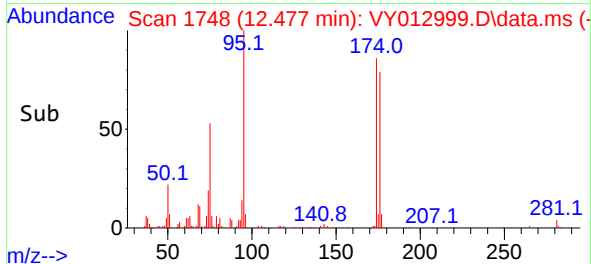
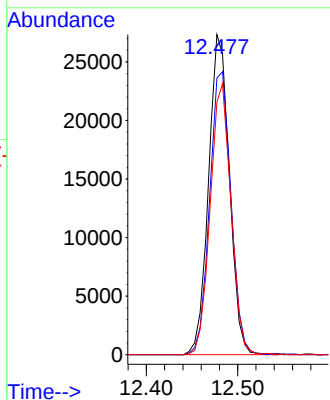
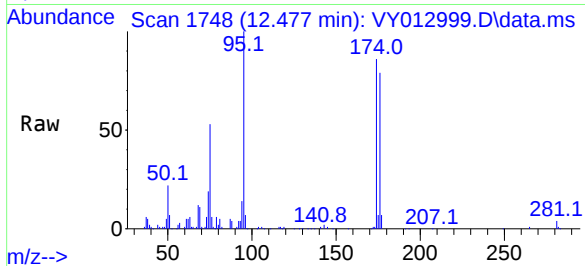




#62
4-Bromofluorobenzene
Concen: 47.275 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012999.D
Acq: 17 Mar 2023 20:06

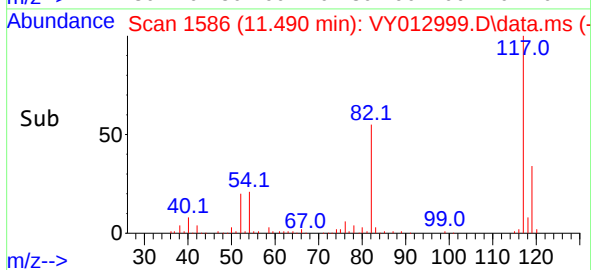
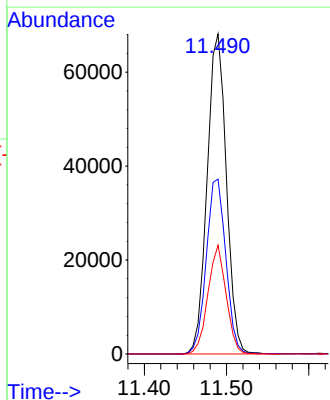
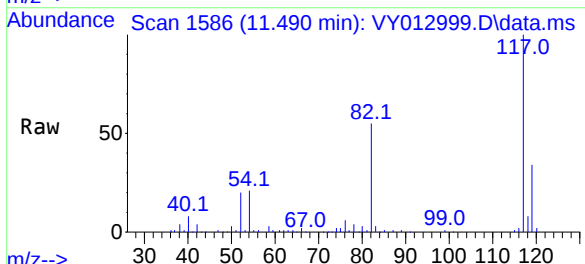
Instrument :
MSVOA_Y
ClientSampleId :
SHELL-ROAD-1

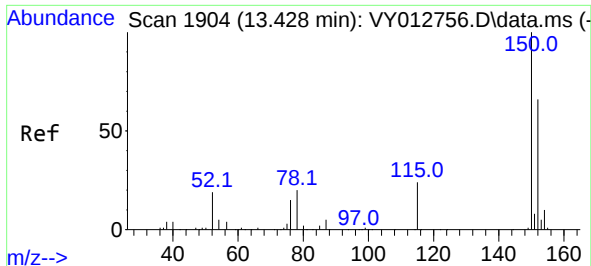
Tgt Ion: 95 Resp: 43196
Ion Ratio Lower Upper
95 100
174 90.7 0.0 176.6
176 84.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012999.D
Acq: 17 Mar 2023 20:06

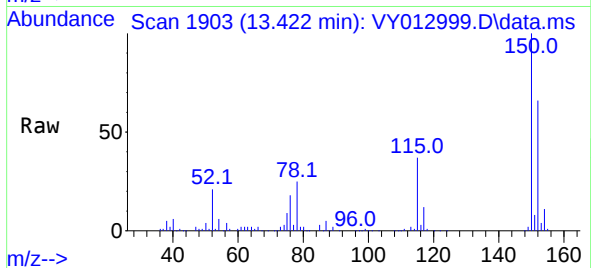
Tgt Ion: 117 Resp: 110931
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 33.9 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012999.D
Acq: 17 Mar 2023 20:06

Instrument :
MSVOA_Y
ClientSampleId :
SHELL-ROAD-1



Tgt Ion:152 Resp: 46945
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 157.3 0.0 347.8

