

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
 Data File : VY011731.D
 Acq On : 07 Dec 2022 14:17
 Operator : KP/MD
 Sample : N5897-09
 Misc : 6.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE

Quant Time: Dec 08 07:56:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

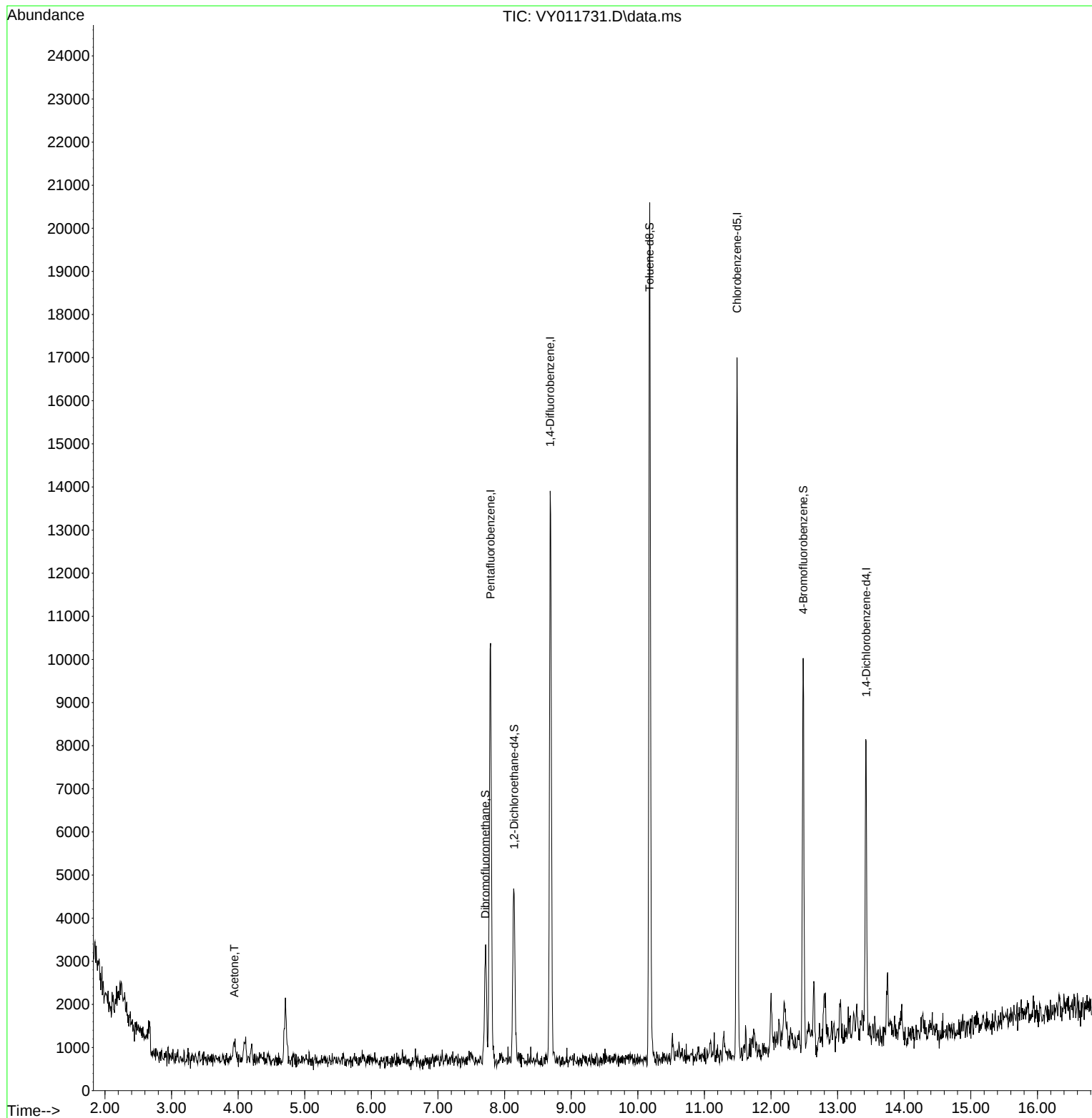
Internal Standards						
1) Pentafluorobenzene	7.789	168	7662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	12058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3483	44.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.540%
35) Dibromofluoromethane	7.709	113	2086	28.103	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	56.200%
50) Toluene-d8	10.178	98	13461	49.904	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.483	95	2817	28.246	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.500%
Target Compounds						
16) Acetone	3.942	43	737	29.164	ug/l	Qvalue # 75

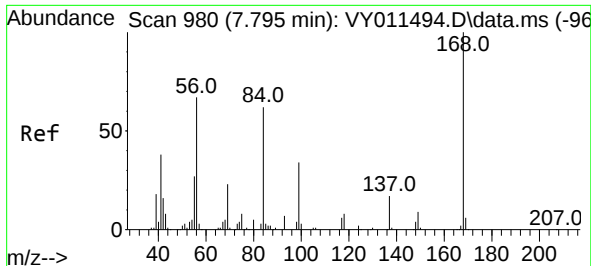
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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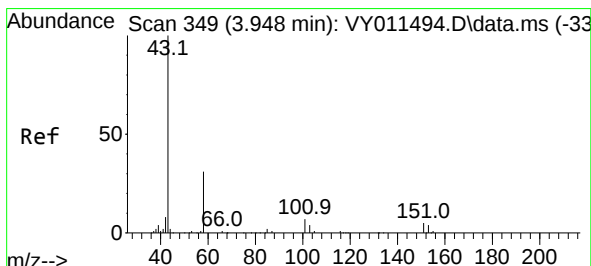
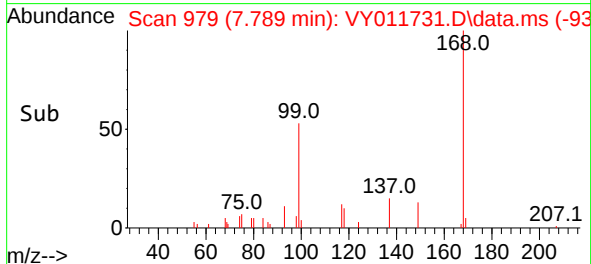
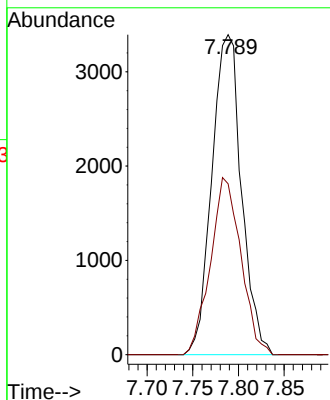
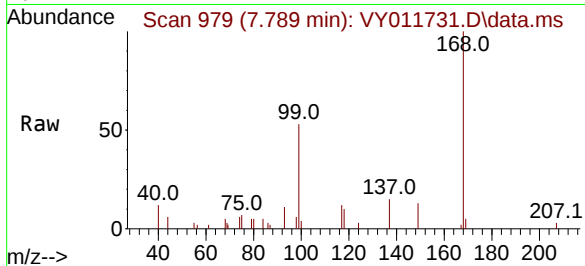




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

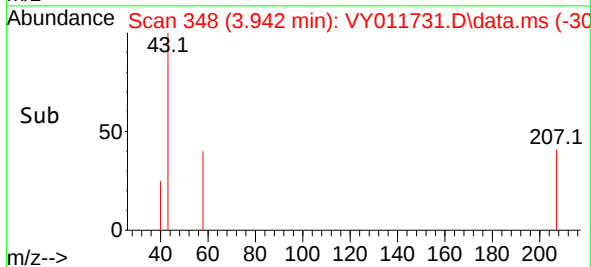
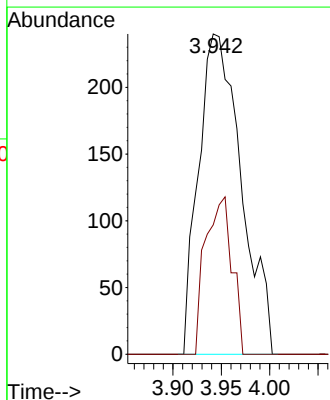
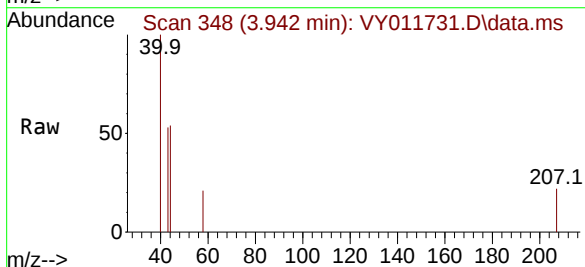
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

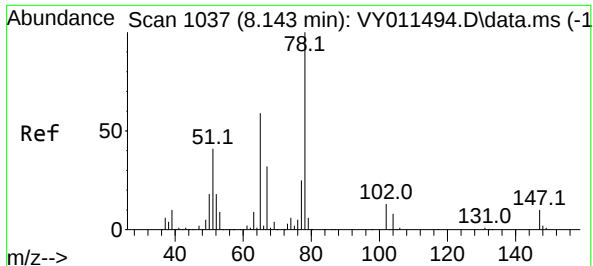
Tgt Ion:168 Resp: 7662
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#16
Acetone
Concen: 29.164 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 40.4 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 44.769 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011731.D

Acq: 07 Dec 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

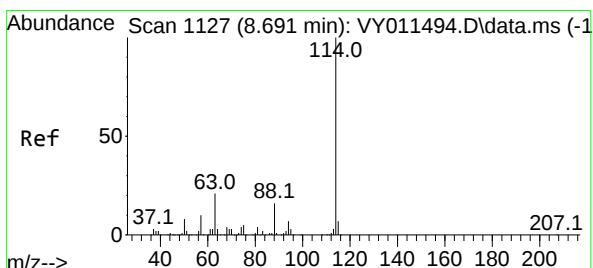
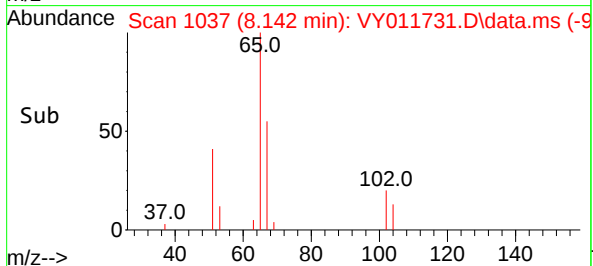
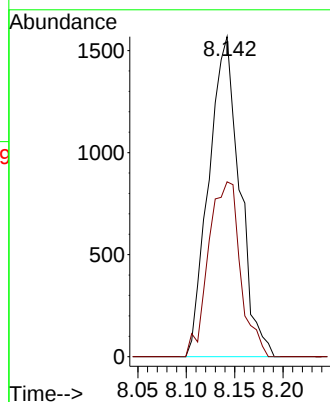
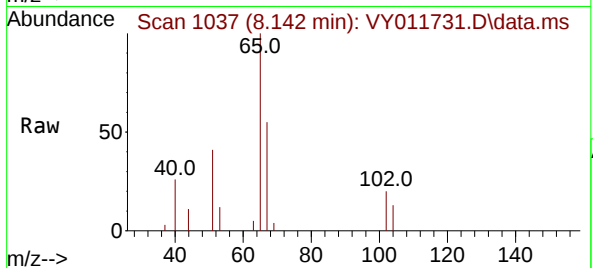
STOCK-PILE

Tgt Ion: 65 Resp: 3483

Ion Ratio Lower Upper

65 100

67 56.2 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: VY011731.D

Acq: 07 Dec 2022 14:17

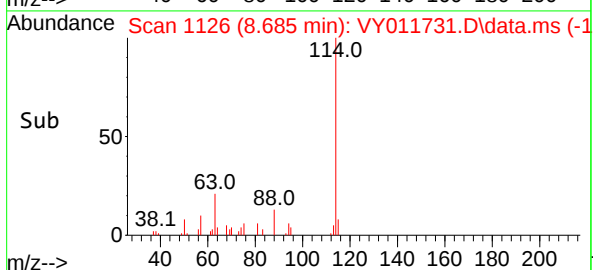
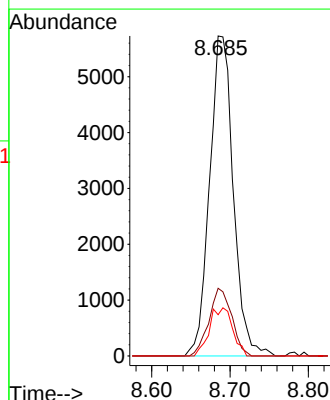
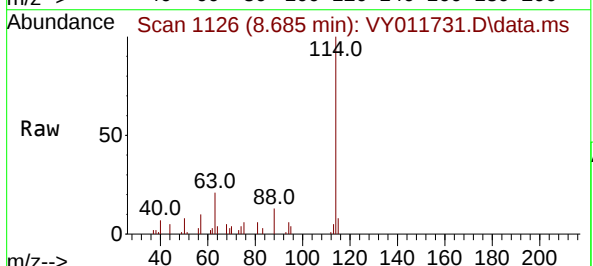
Tgt Ion: 114 Resp: 12058

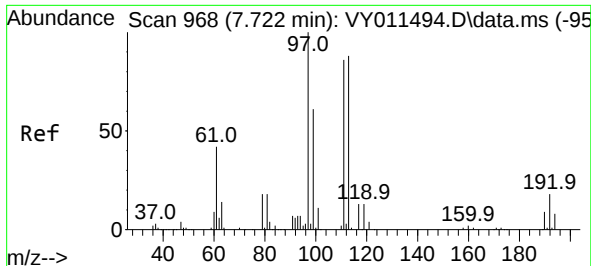
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 12.9 0.0 31.8

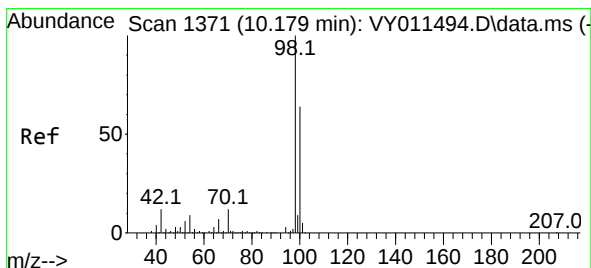
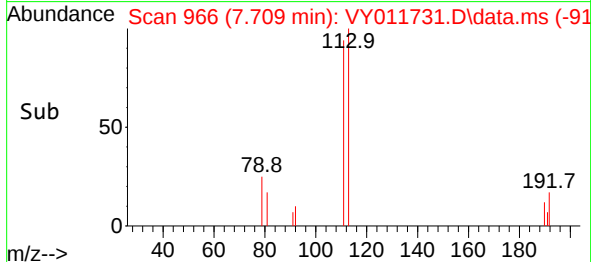
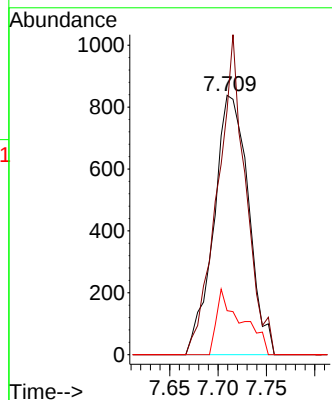
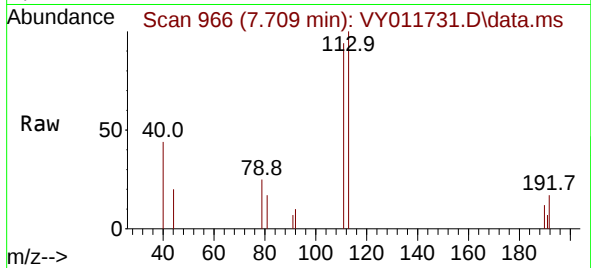




#35
 Dibromofluoromethane
 Concen: 28.103 ug/l
 RT: 7.709 min Scan# 91
 Delta R.T. -0.013 min
 Lab File: VY011731.D
 Acq: 07 Dec 2022 14:17

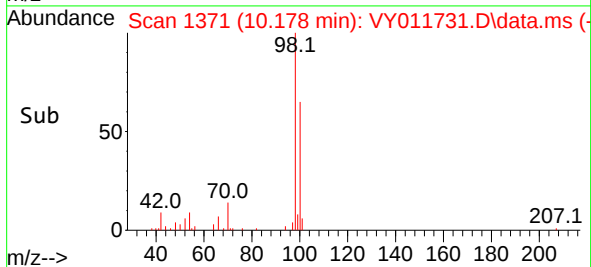
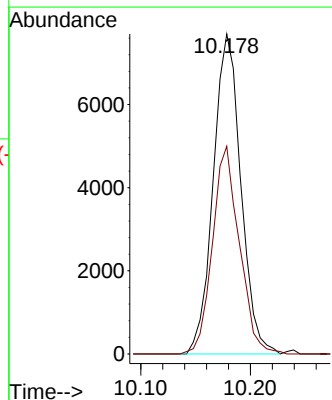
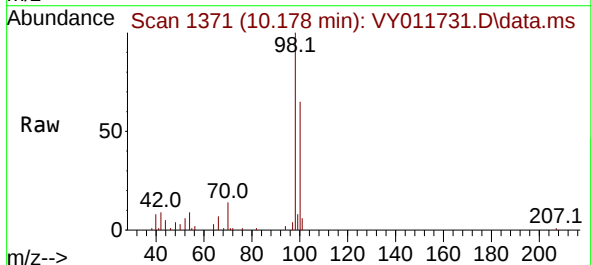
Instrument :
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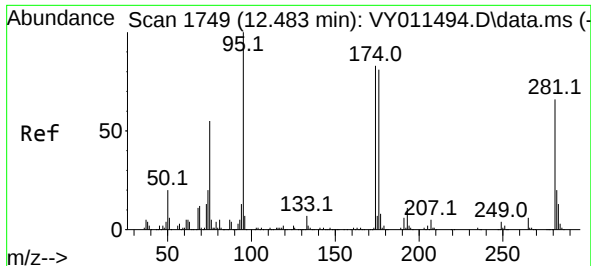
Tgt Ion:113 Resp: 2086
 Ion Ratio Lower Upper
 113 100
 111 100.3 82.6 124.0
 192 18.4 17.6 26.4



#50
 Toluene-d8
 Concen: 49.904 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. -0.001 min
 Lab File: VY011731.D
 Acq: 07 Dec 2022 14:17

Tgt Ion: 98 Resp: 13461
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.2 75.2

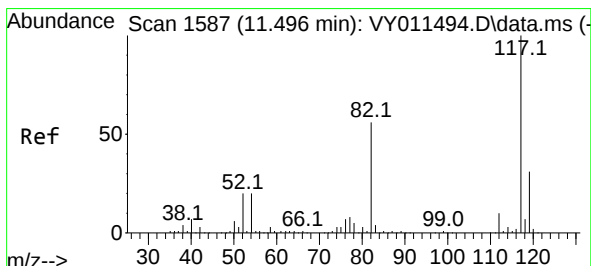
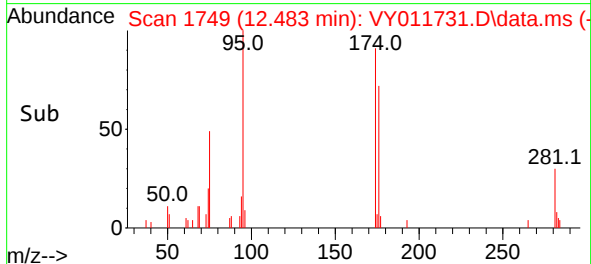
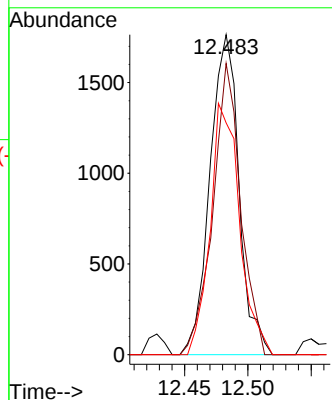
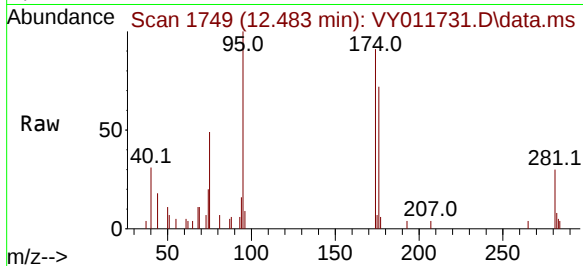




#62
4-Bromofluorobenzene
Concen: 28.246 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

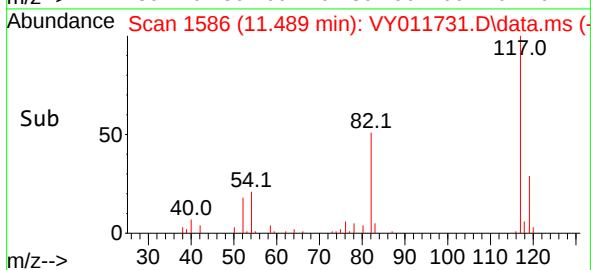
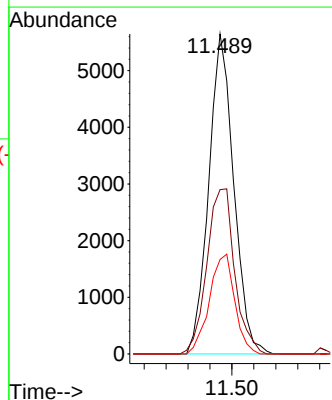
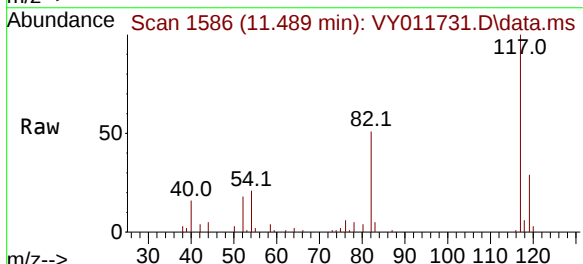
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

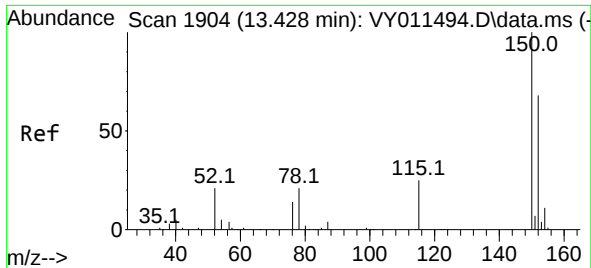
Tgt Ion: 95 Resp: 2817
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 79.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011731.D
Acq: 07 Dec 2022 14:17

Tgt Ion: 117 Resp: 8939
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 29.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011731.D

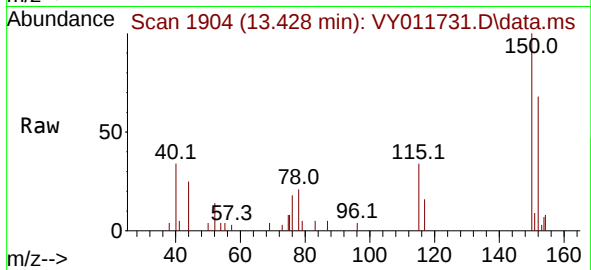
Acq: 07 Dec 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE



Tgt Ion:152 Resp: 1965

Ion Ratio Lower Upper

152 100

115 59.4 28.2 84.7

150 148.7 0.0 347.6

