

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014455.D
 Acq On : 27 Jun 2023 14:02
 Operator : KP/MD
 Sample : 03402-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP4-0623RE

Quant Time: Jun 27 16:43:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

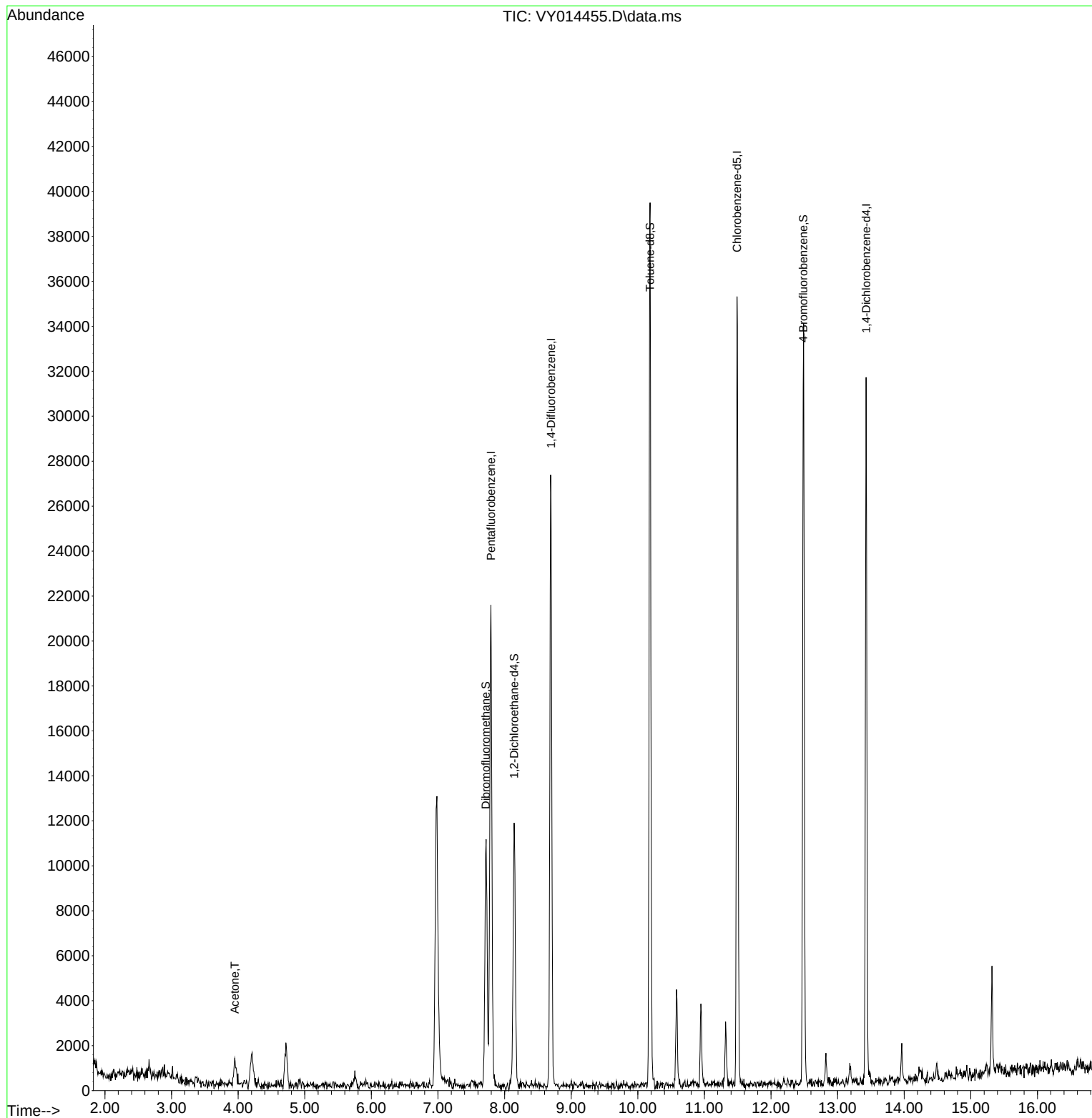
Internal Standards						
1) Pentafluorobenzene	7.795	168	17520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	23543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10645	48.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.880%
35) Dibromofluoromethane	7.715	113	7318	50.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.185	98	27780	48.046	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.483	95	7419	35.941	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.880%
Target Compounds						
16) Acetone	3.948	43	2057	30.052	ug/l	Qvalue 90

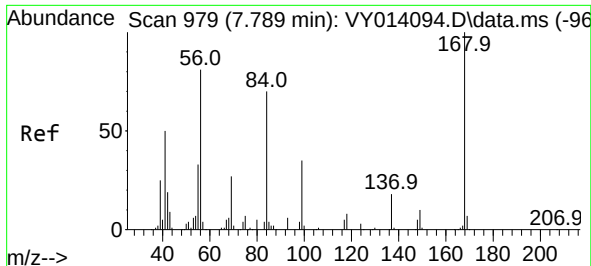
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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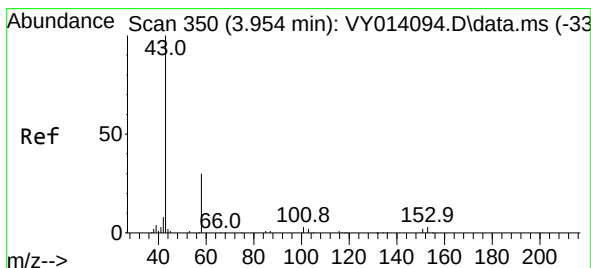
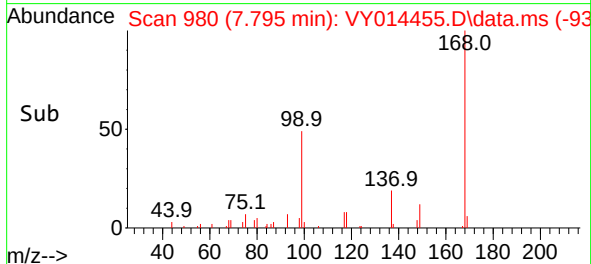
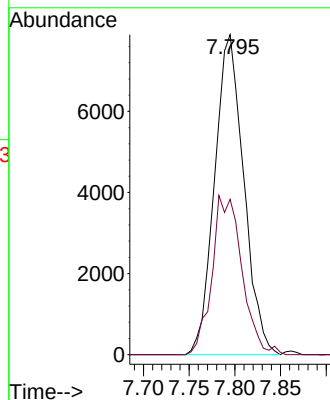
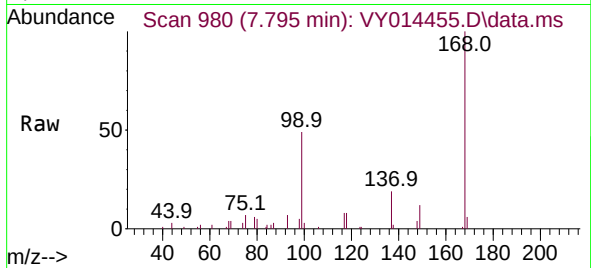




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014455.D
Acq: 27 Jun 2023 14:02

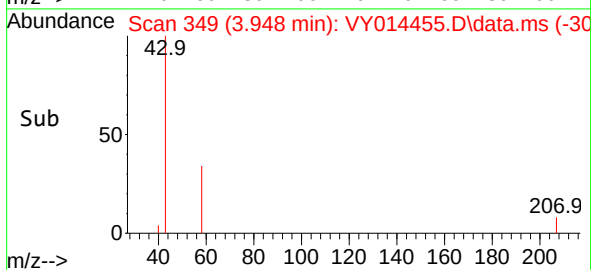
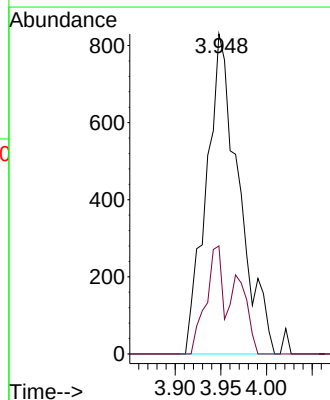
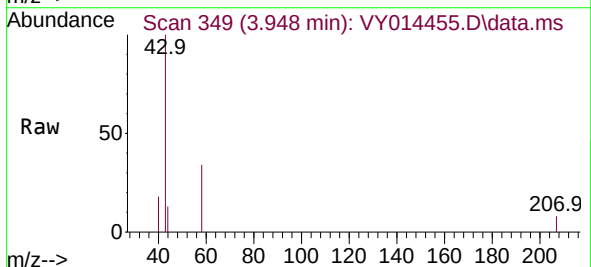
Instrument :
MSVOA_Y
ClientSampleId :
TP4-0623RE

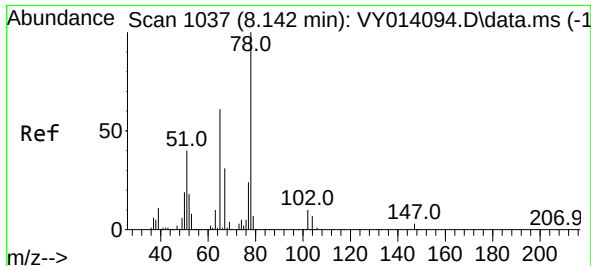
Tgt Ion:168 Resp: 17520
Ion Ratio Lower Upper
168 100
99 48.6 43.4 65.0



#16
Acetone
Concen: 30.052 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014455.D
Acq: 27 Jun 2023 14:02

Tgt Ion: 43 Resp: 2057
Ion Ratio Lower Upper
43 100
58 33.7 22.7 34.1

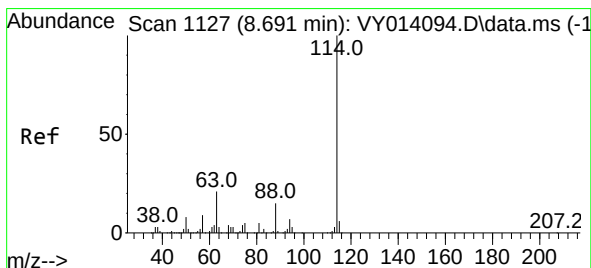
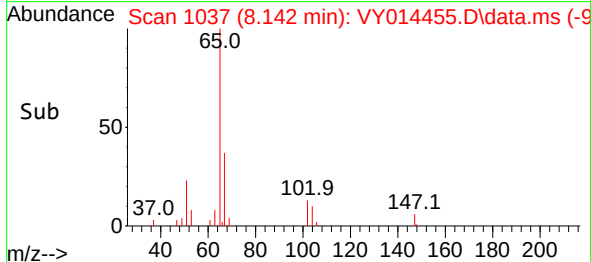
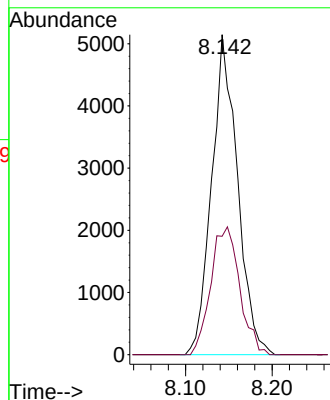
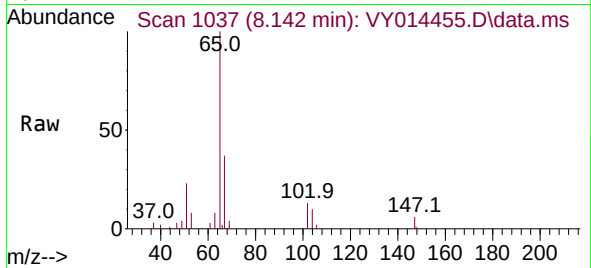




#33
 1,2-Dichloroethane-d4
 Concen: 48.937 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014455.D
 Acq: 27 Jun 2023 14:02

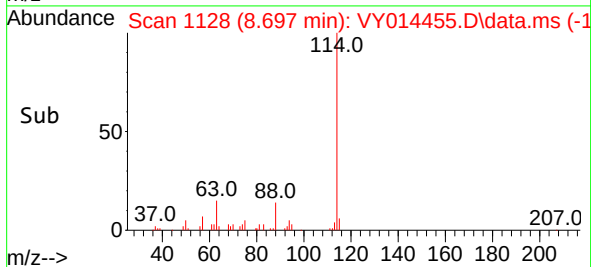
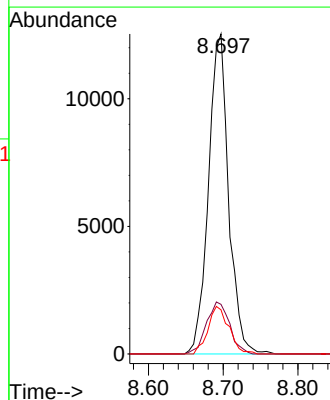
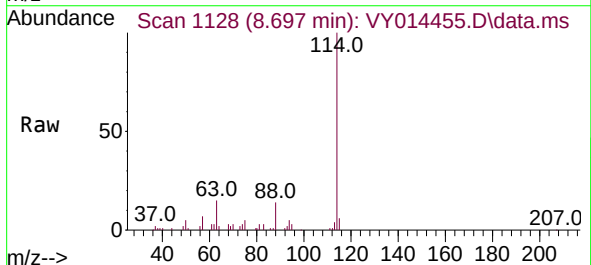
Instrument :
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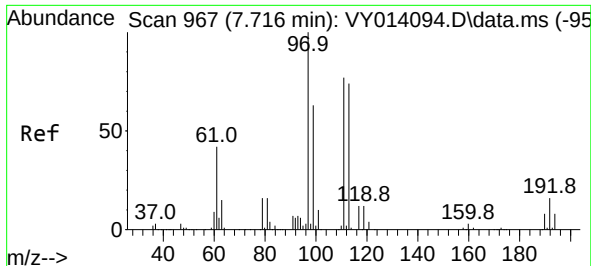
Tgt Ion: 65 Resp: 10645
 Ion Ratio Lower Upper
 65 100
 67 44.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY014455.D
 Acq: 27 Jun 2023 14:02

Tgt Ion: 114 Resp: 23543
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 42.4
 88 13.8 0.0 30.6

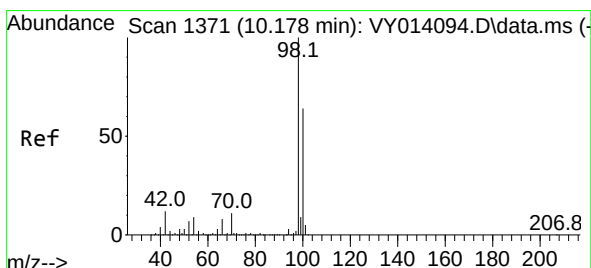
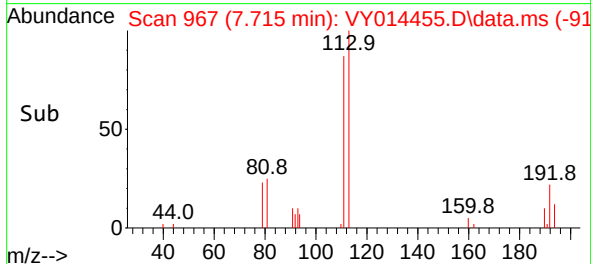
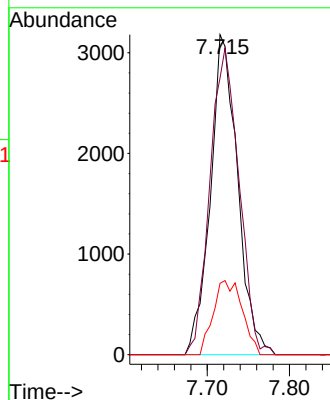
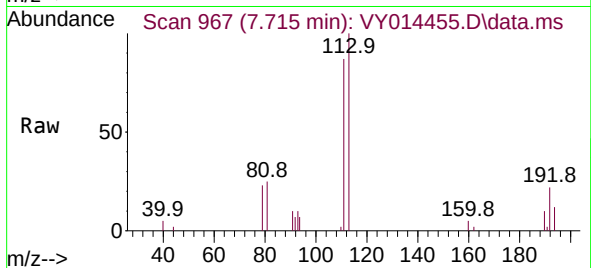




#35
Dibromofluoromethane
Concen: 50.312 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY014455.D
Acq: 27 Jun 2023 14:02

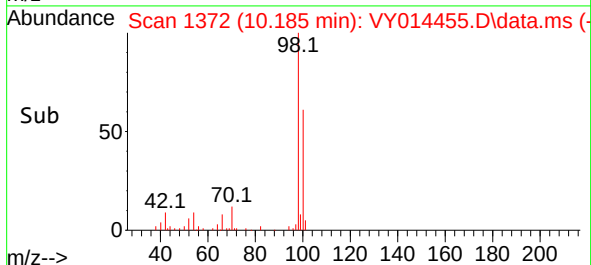
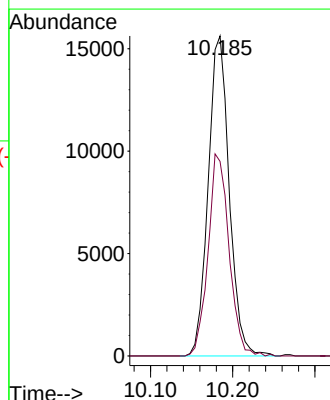
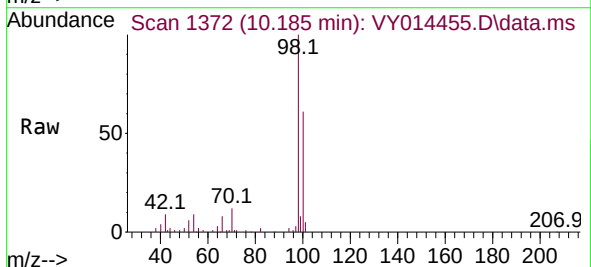
Instrument :
MSVOA_Y
ClientSampleId :
TP4-0623RE

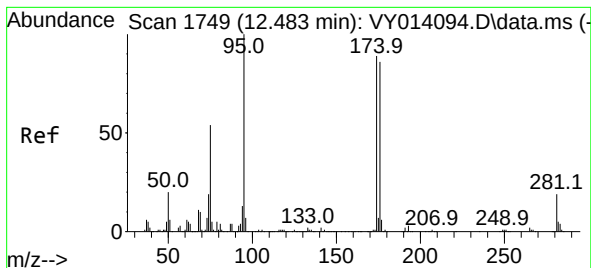
Tgt Ion:113 Resp: 7318
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 24.7 16.9 25.3



#50
Toluene-d8
Concen: 48.046 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014455.D
Acq: 27 Jun 2023 14:02

Tgt Ion: 98 Resp: 27780
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1

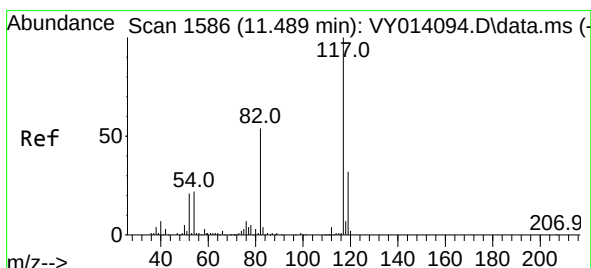
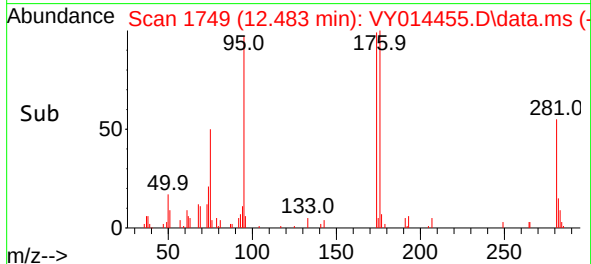
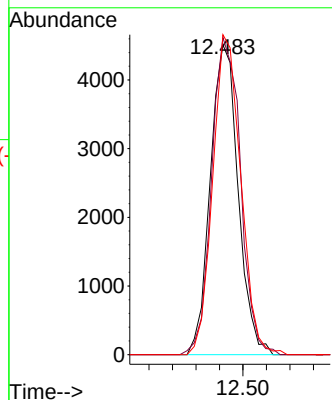
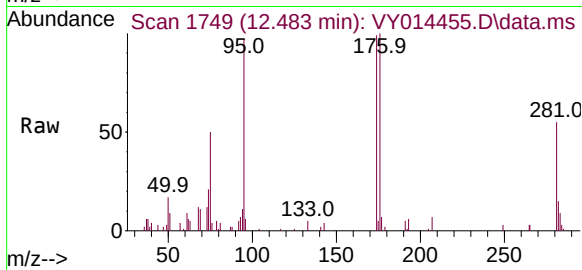




#62
4-Bromofluorobenzene
Concen: 35.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014455.D
Acq: 27 Jun 2023 14:02

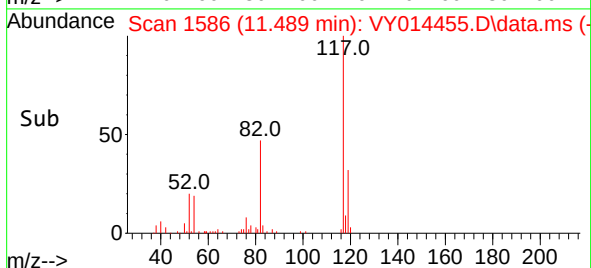
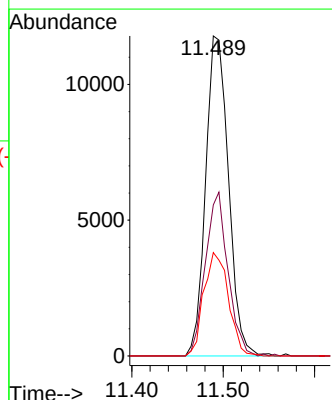
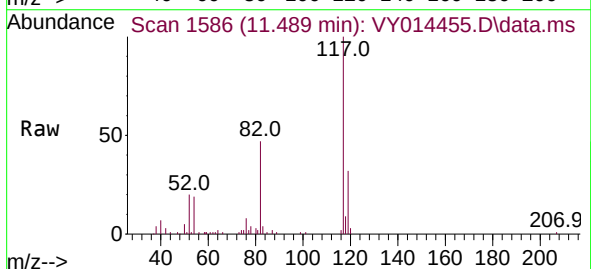
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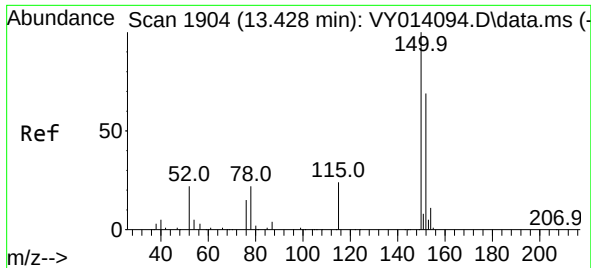
Tgt Ion: 95 Resp: 7419
Ion Ratio Lower Upper
95 100
174 106.0 0.0 178.2
176 103.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014455.D
Acq: 27 Jun 2023 14:02

Tgt Ion: 117 Resp: 20460
Ion Ratio Lower Upper
117 100
82 47.2 43.4 65.0
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY014455.D

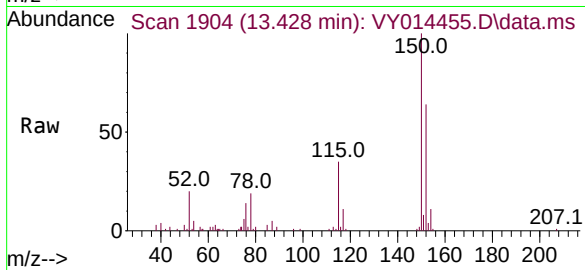
Acq: 27 Jun 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

TP4-0623RE



Tgt Ion:152 Resp: 8823

Ion Ratio Lower Upper

152 100

115 54.4 28.8 86.5

150 156.2 0.0 348.8

