

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008838.D
 Acq On : 19 May 2022 01:25
 Operator : KP/MD
 Sample : N2869-11
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P031-SS001-0006-01

Quant Time: May 19 03:16:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

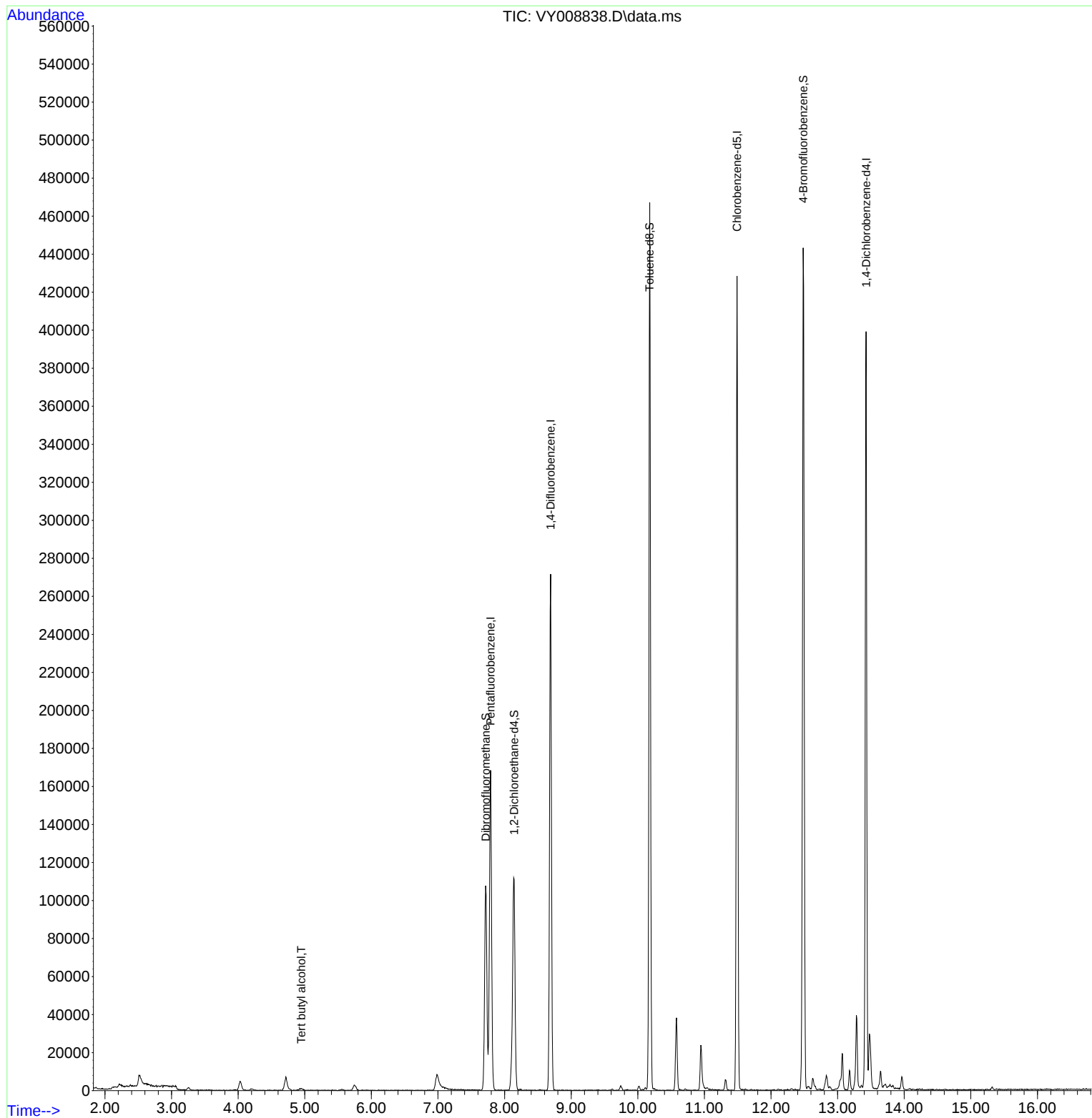
Internal Standards						
1) Pentafluorobenzene	7.789	168	126805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81439	69.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.460%
35) Dibromofluoromethane	7.716	113	74787	56.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.340%
50) Toluene-d8	10.179	98	286650	48.531	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.483	95	88570	42.496	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.000%
Target Compounds						
11) Tert butyl alcohol	4.948	59	1766	13.583	ug/l	Qvalue # 88

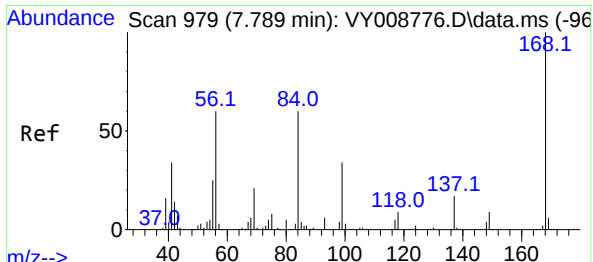
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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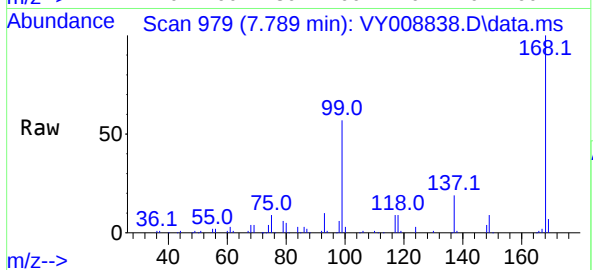
Quant Time: May 19 03:16:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
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Response via : Initial Calibration



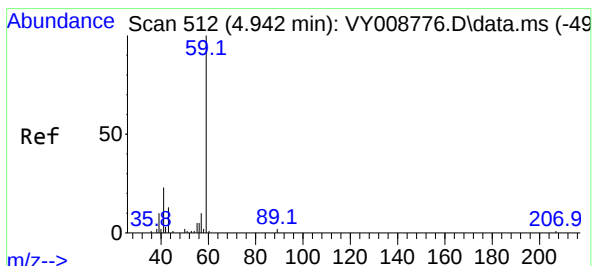
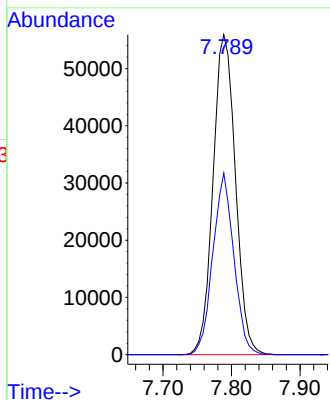
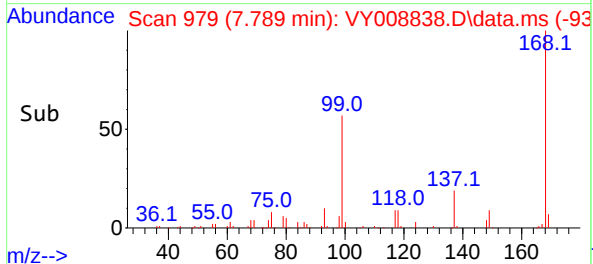


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-0006-01

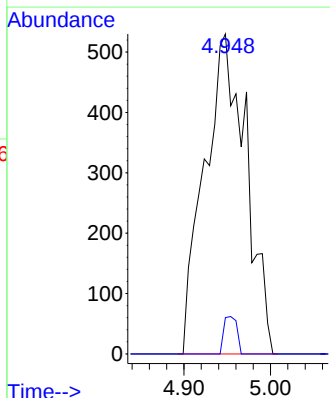
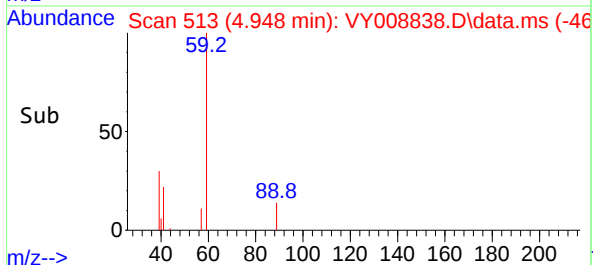
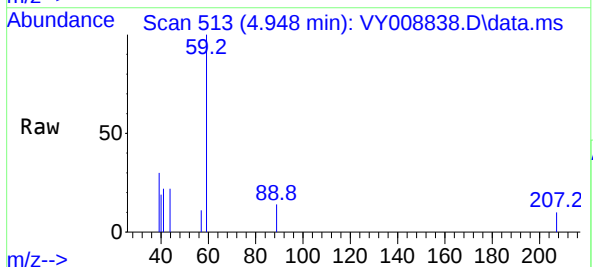


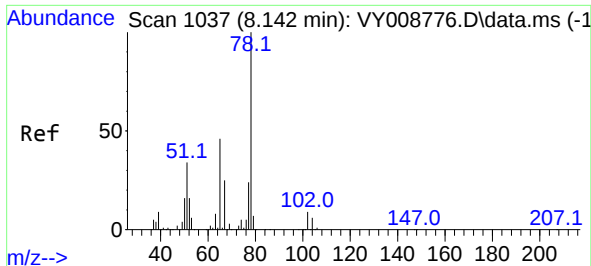
Tgt Ion:168 Resp: 126805
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 13.583 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

Tgt Ion: 59 Resp: 1766
Ion Ratio Lower Upper
59 100
57 3.7 6.4 9.6#





#33

1,2-Dichloroethane-d4

Concen: 69.229 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008838.D

Acq: 19 May 2022 01:25

Instrument :

MSVOA_Y

ClientSampleId :

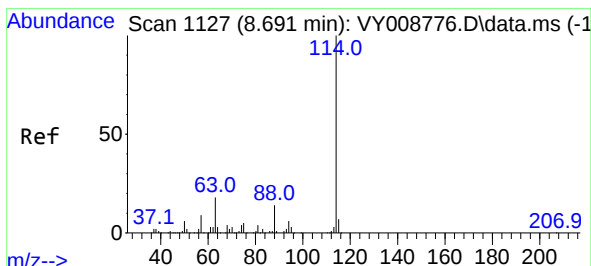
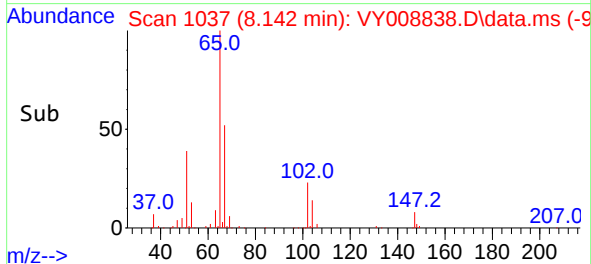
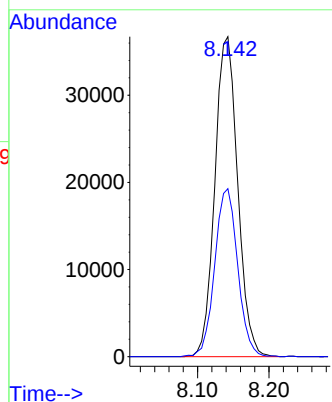
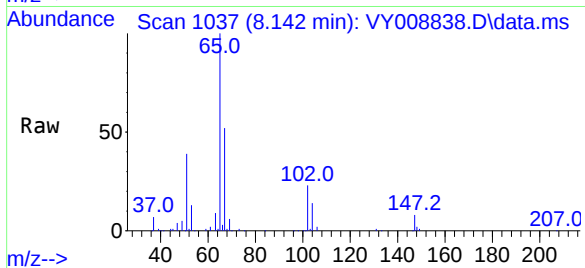
P031-SS001-0006-01

Tgt Ion: 65 Resp: 81439

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008838.D

Acq: 19 May 2022 01:25

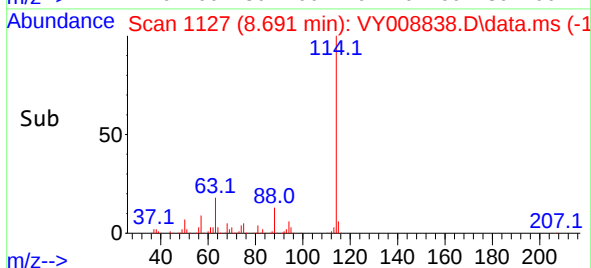
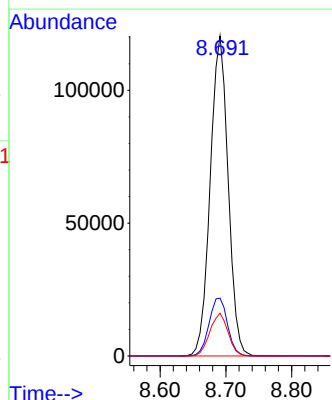
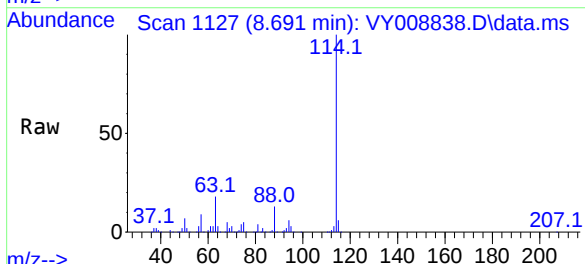
Tgt Ion: 114 Resp: 227895

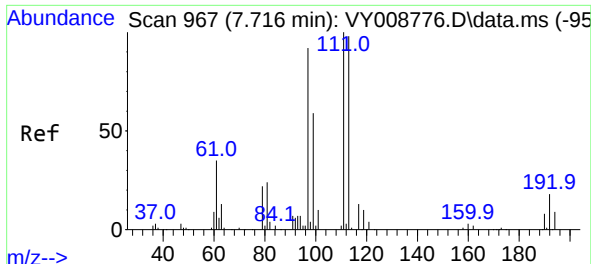
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.4 0.0 31.8

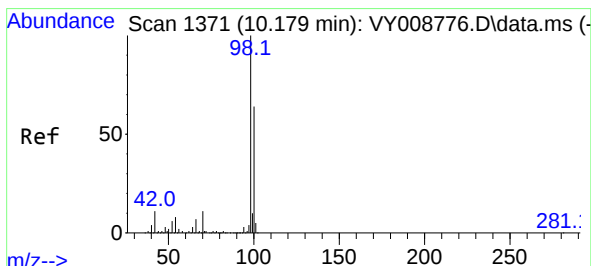
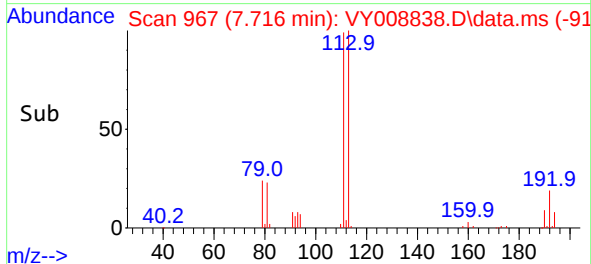
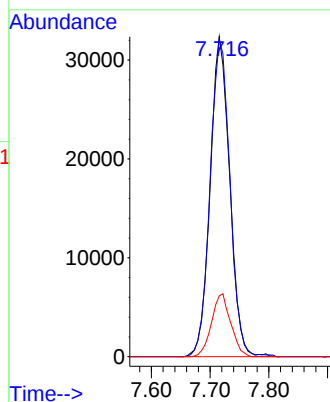
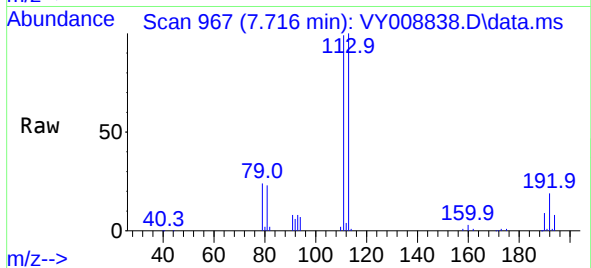




#35
Dibromofluoromethane
Concen: 56.166 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

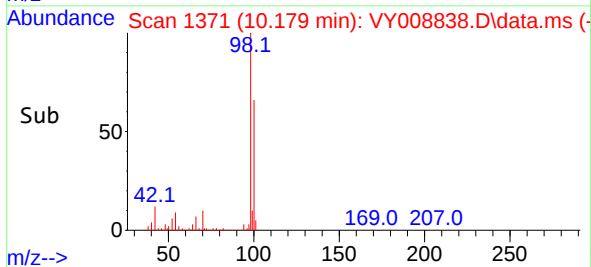
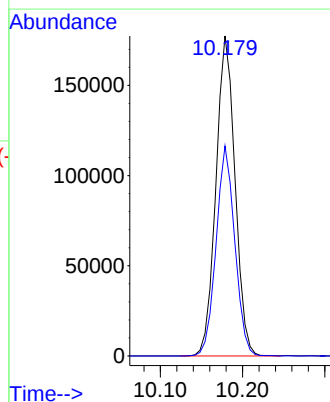
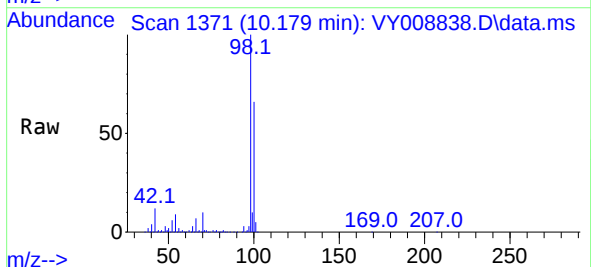
Instrument :
MSVOA_Y
ClientSampleId :
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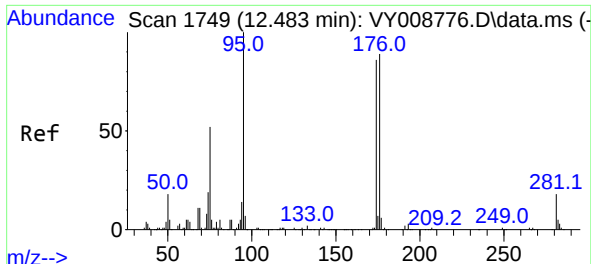
Tgt Ion:113 Resp: 74787
Ion Ratio Lower Upper
113 100
111 100.6 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 48.531 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

Tgt Ion: 98 Resp: 286650
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

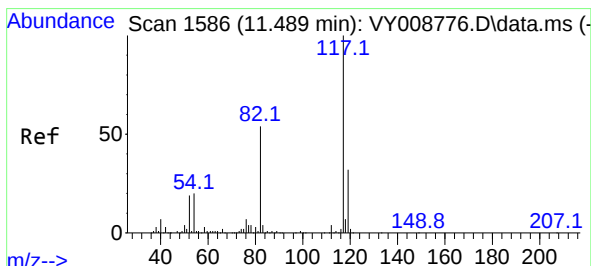
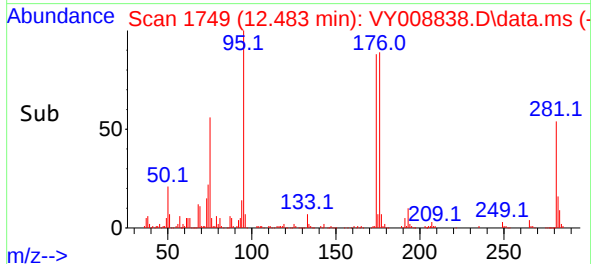
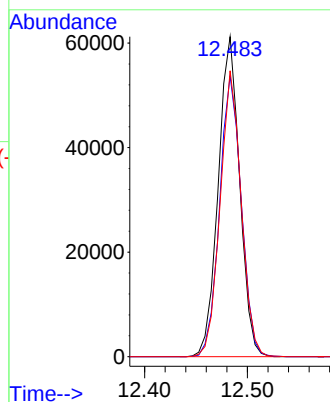
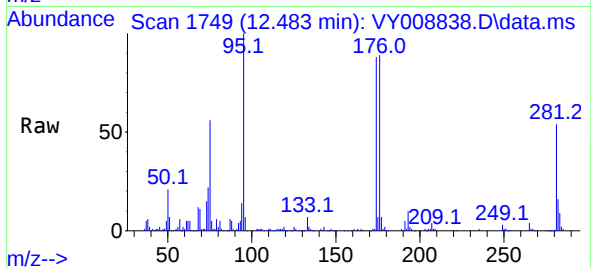




#62
4-Bromofluorobenzene
Concen: 42.496 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

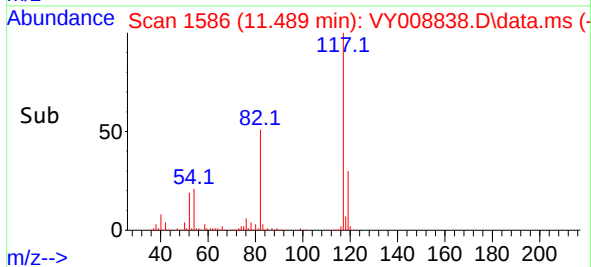
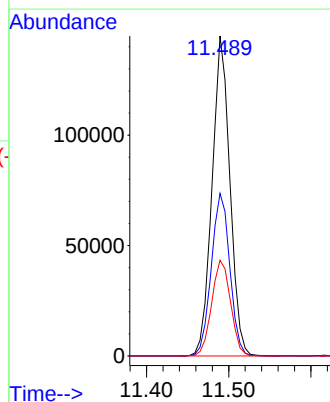
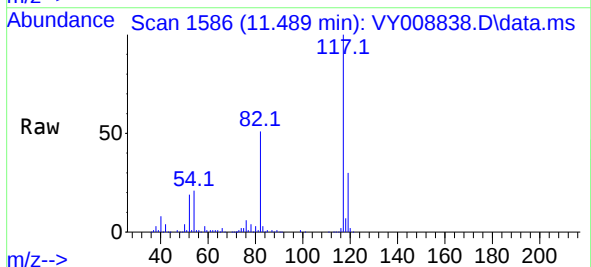
Instrument :
MSVOA_Y
ClientSampleId :
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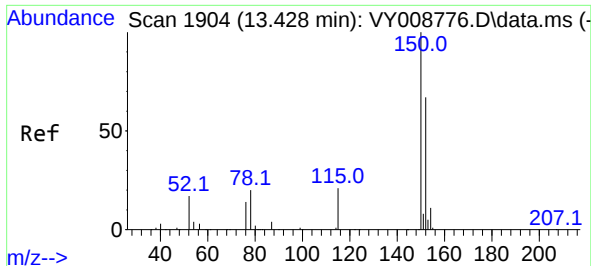
Tgt Ion: 95 Resp: 88570
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 87.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

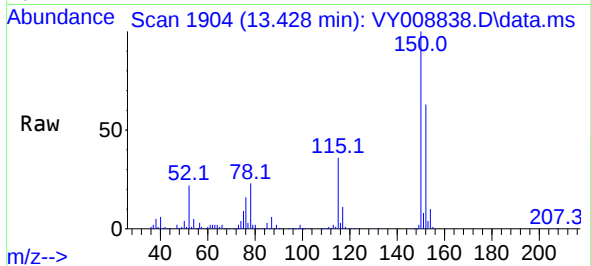
Tgt Ion: 117 Resp: 218524
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 29.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008838.D
 Acq: 19 May 2022 01:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 P031-SS001-0006-01



Tgt Ion:152 Resp: 97350

Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.2	84.7
150	155.5	0.0	347.6

