

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004434.D
 Acq On : 15 Apr 2021 12:15
 Operator : SY/MD
 Sample : M2044-01
 Misc : 6.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-041421

Quant Time: Apr 16 05:03:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

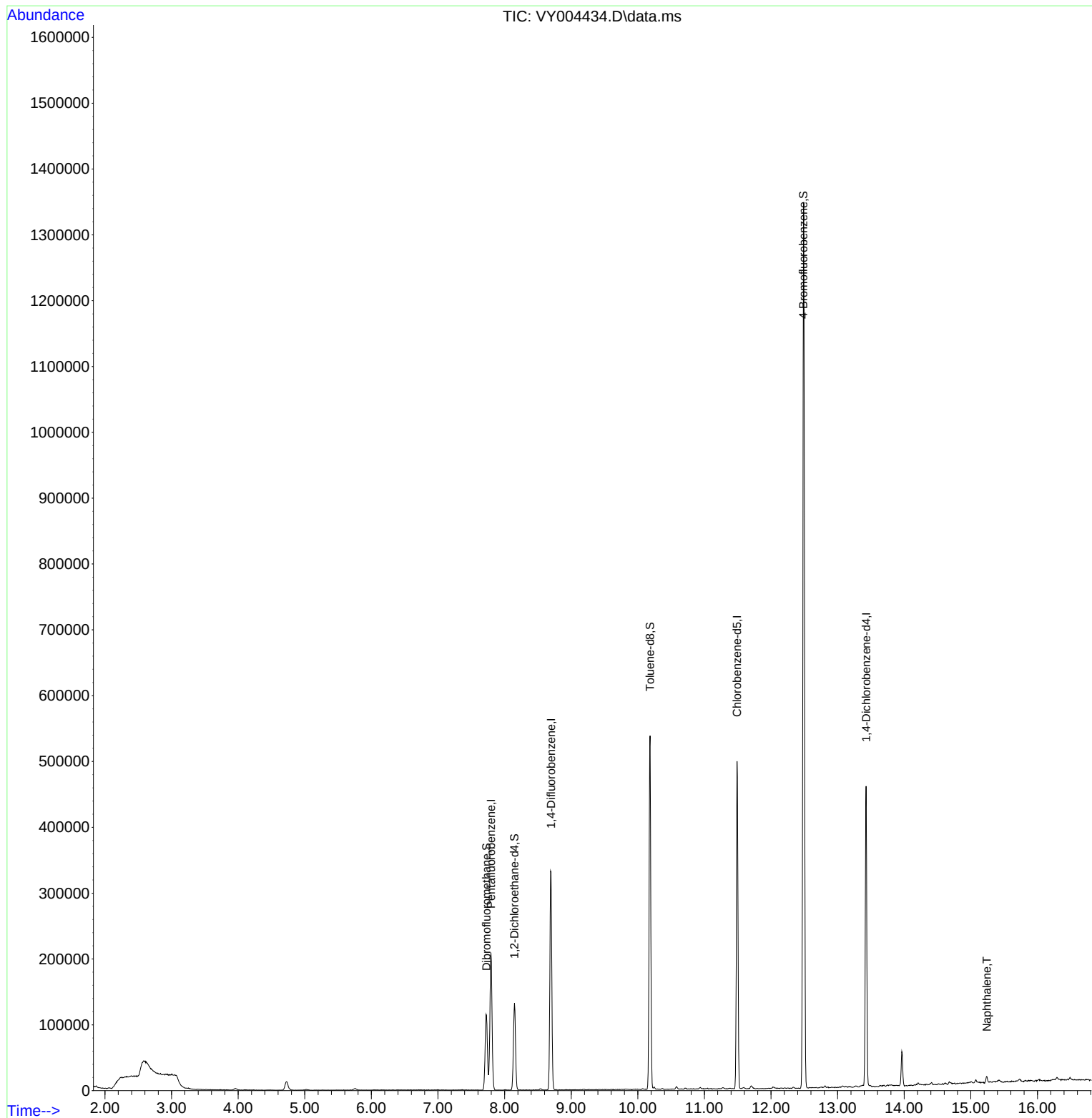
Internal Standards						
1) Pentafluorobenzene	7.795	168	158121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	277268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101044	57.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.04%
35) Dibromofluoromethane	7.728	113	81034	52.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.32%
50) Toluene-d8	10.185	98	339889	51.93	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.86%
62) 4-Bromofluorobenzene	12.483	95	118437	53.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.66%
Target Compounds						
95) Naphthalene	15.239	128	7060	1.56	ug/l	Qvalue 100

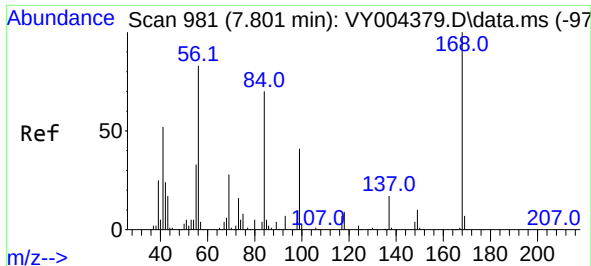
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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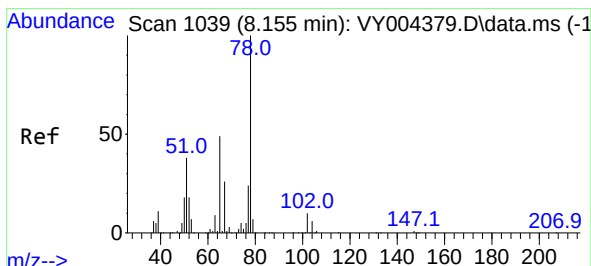
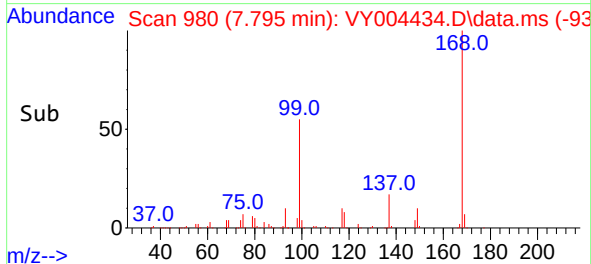
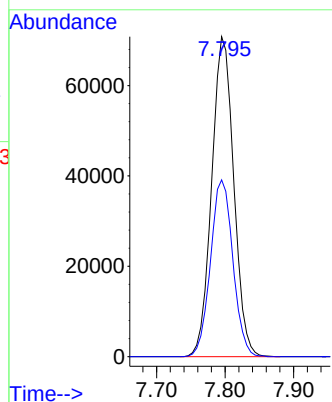
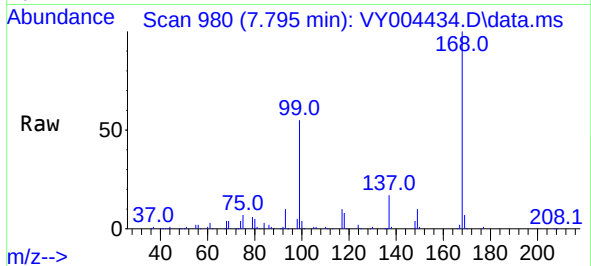




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004434.D
Acq: 15 Apr 2021 12:15

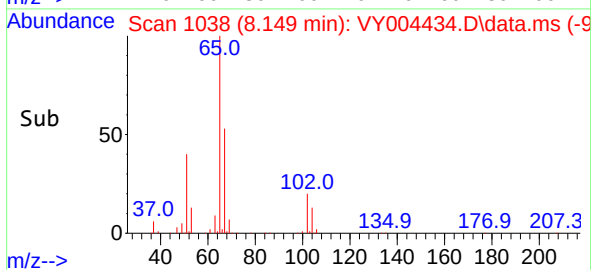
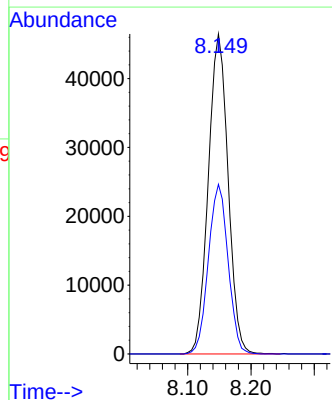
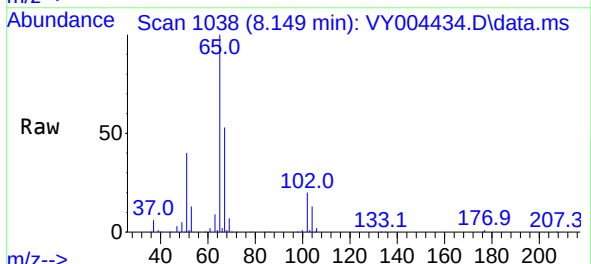
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-041421

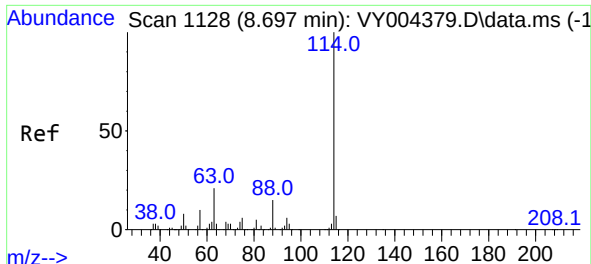
Tgt Ion:168 Resp: 158121
Ion Ratio Lower Upper
168 100
99 55.2 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 57.52 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004434.D
Acq: 15 Apr 2021 12:15

Tgt Ion: 65 Resp: 101044
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004434.D

Acq: 15 Apr 2021 12:15

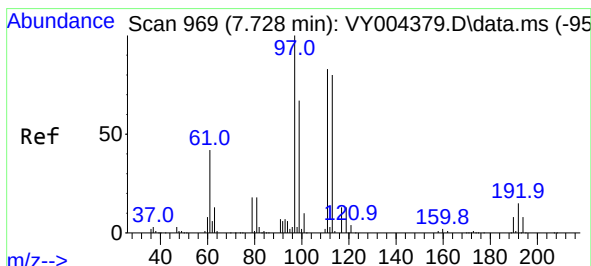
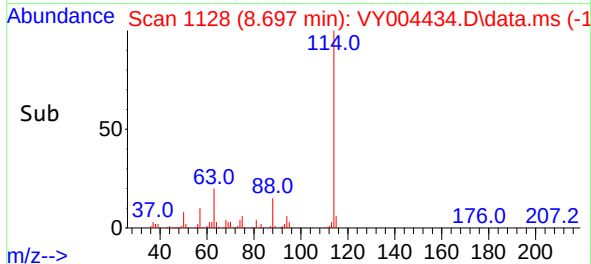
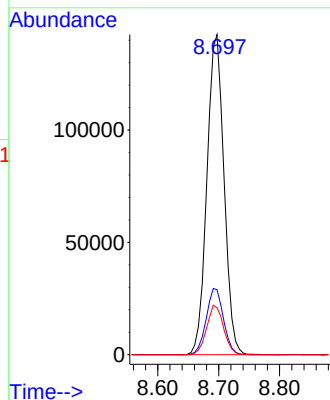
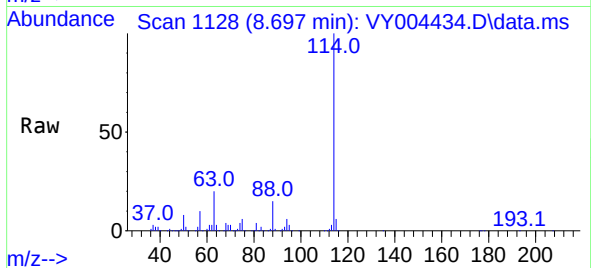
Tgt Ion:114 Resp: 277268

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 14.7 0.0 30.8



#35

Dibromofluoromethane

Concen: 52.66 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004434.D

Acq: 15 Apr 2021 12:15

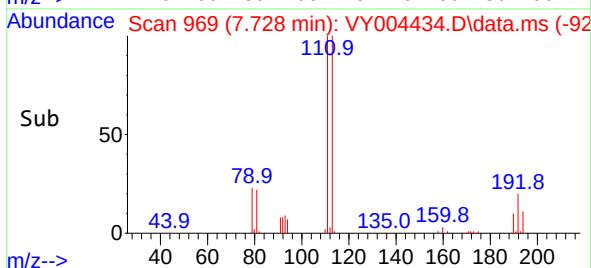
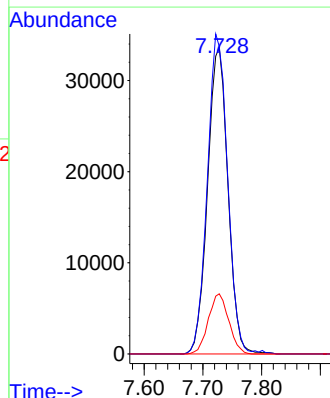
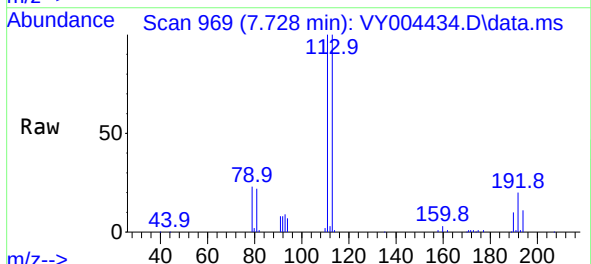
Tgt Ion:113 Resp: 81034

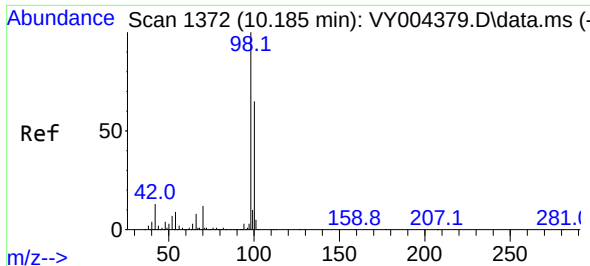
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 19.7 16.1 24.1

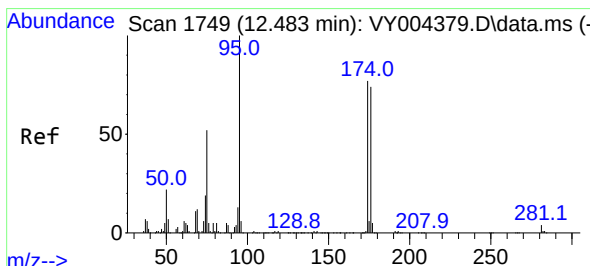
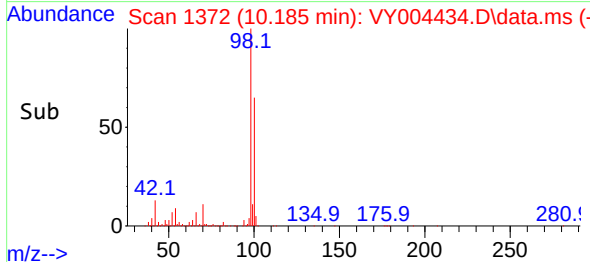
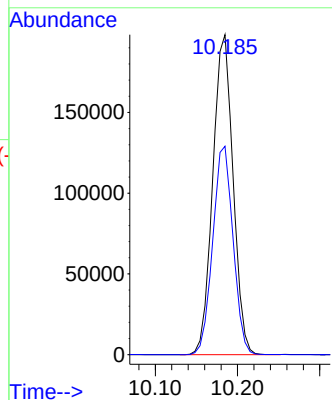
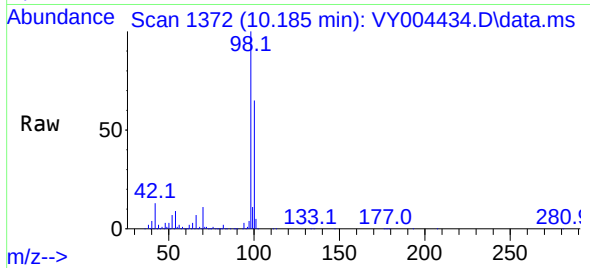




#50
Toluene-d8
Concen: 51.93 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004434.D
Acq: 15 Apr 2021 12:15

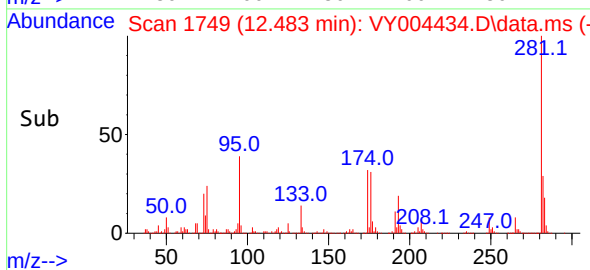
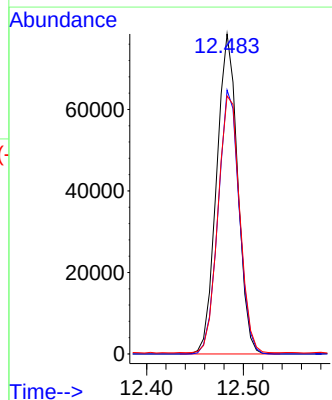
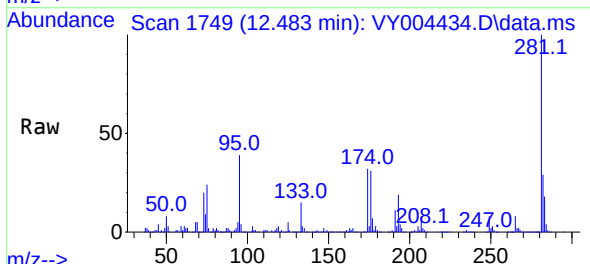
Instrument :
MSVOA_Y
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TR-05-041421

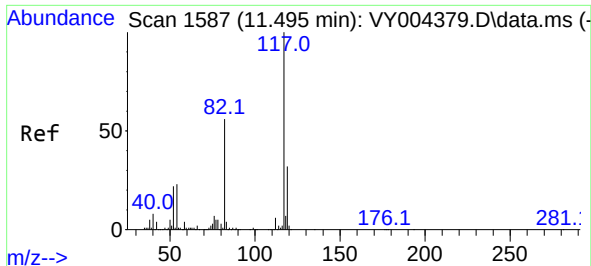
Tgt Ion: 98 Resp: 339889
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004434.D
Acq: 15 Apr 2021 12:15

Tgt Ion: 95 Resp: 118437
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 82.9 0.0 156.0

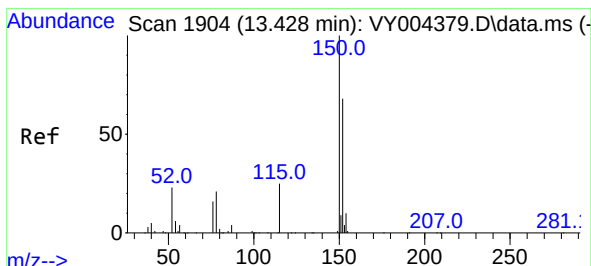
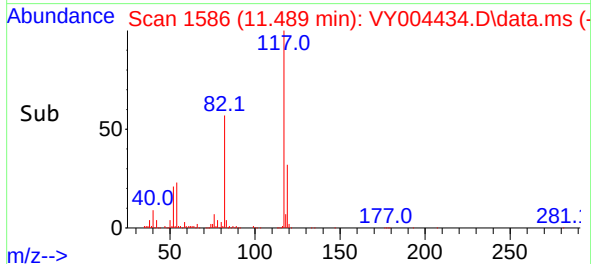
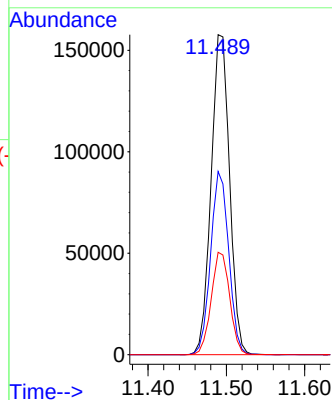
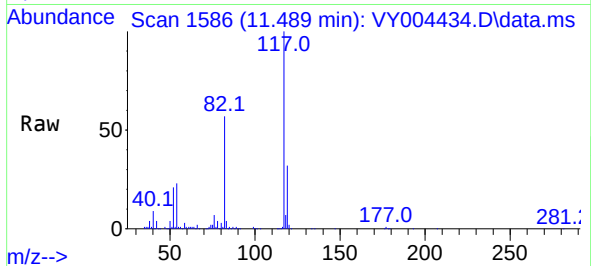




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004434.D
Acq: 15 Apr 2021 12:15

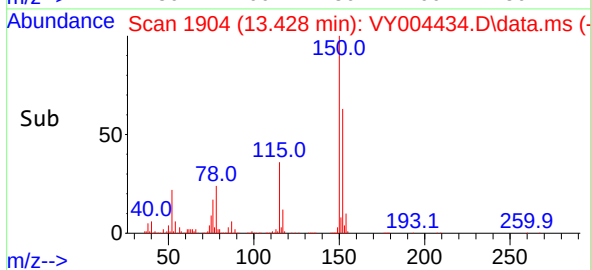
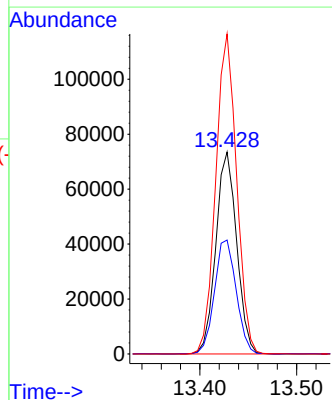
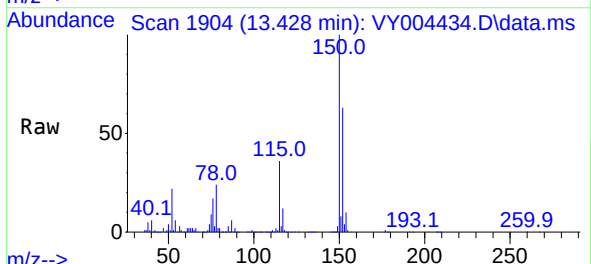
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MSVOA_Y
ClientSampleId :
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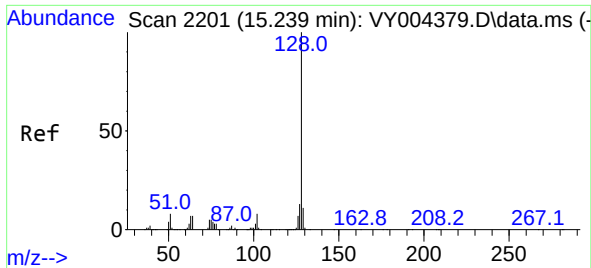
Tgt Ion:	117	Resp:	257978
Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.9	67.3
119	32.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004434.D
Acq: 15 Apr 2021 12:15

Tgt Ion:	152	Resp:	109993
Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.6	88.8
150	158.5	0.0	348.4





#95
Naphthalene
Concen: 1.56 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004434.D
Acq: 15 Apr 2021 12:15

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-041421

Tgt Ion:128 Resp: 7060
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.8 13.2

