

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004448.D
 Acq On : 15 Apr 2021 18:04
 Operator : SY/MD
 Sample : M2048-10
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-0-2.0

Quant Time: Apr 16 05:06:04 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)

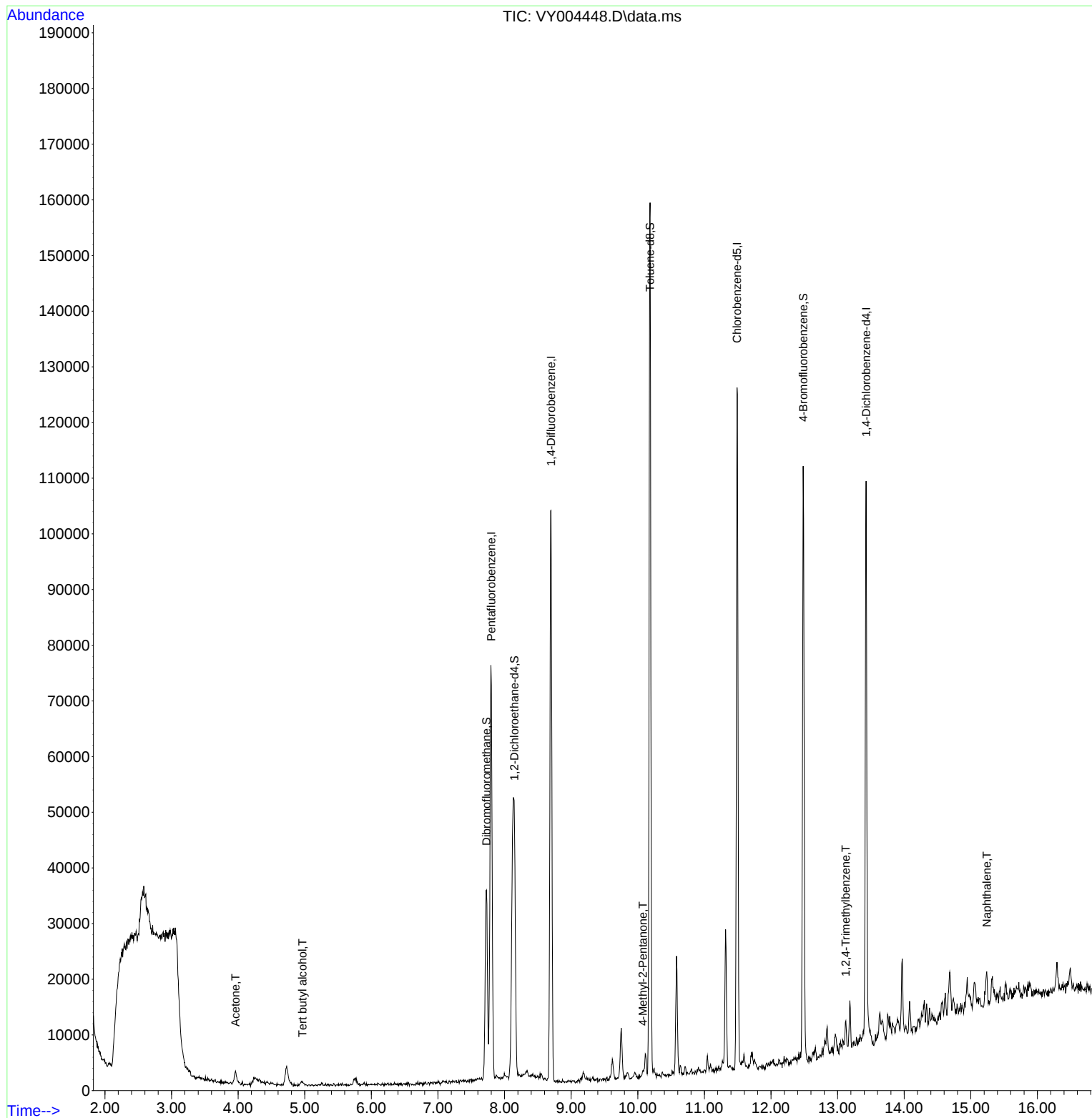
Internal Standards						
1) Pentafluorobenzene	7.801	168	55987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	85511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	64308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	26617	42.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.58%
35) Dibromofluoromethane	7.728	113	24607	51.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.70%
50) Toluene-d8	10.185	98	99451	49.27	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.54%
62) 4-Bromofluorobenzene	12.483	95	26469	38.64	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.28%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1236	20.16	ug/l	# 73
16) Acetone	3.960	43	3758	10.00	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	812	1.52	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	3069	2.05	ug/l	100
95) Naphthalene	15.239	128	3932	4.03	ug/l	96

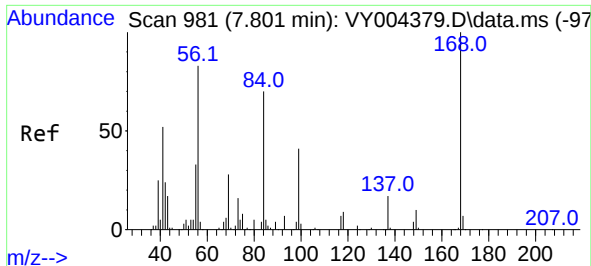
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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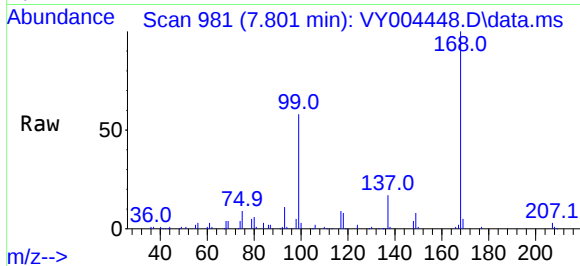
Quant Time: Apr 16 05:06:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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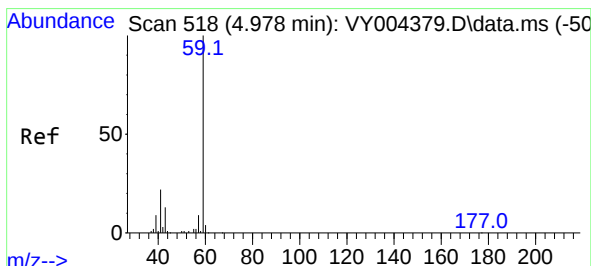
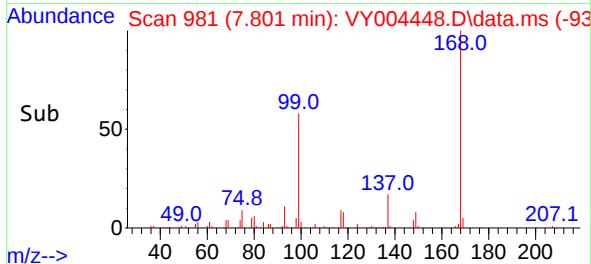
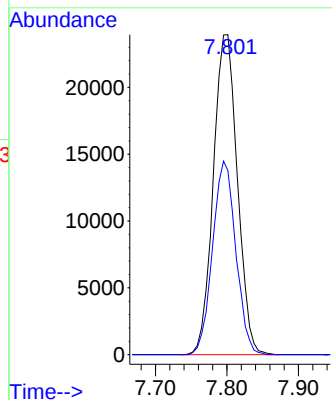


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Instrument :
MSVOA_Y
ClientSampled :
SB-04-0-2.0

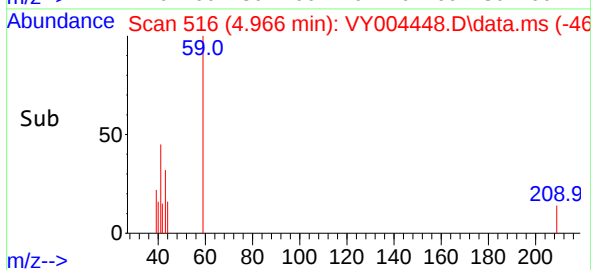
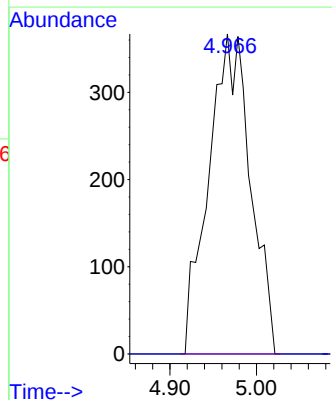
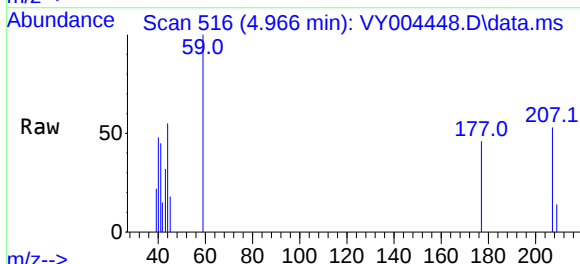


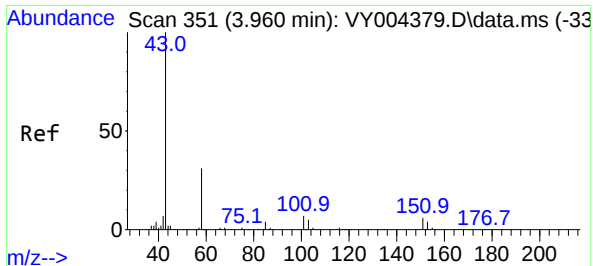
Tgt Ion:168 Resp: 55987
Ion Ratio Lower Upper
168 100
99 57.6 45.5 68.3



#11
Tert butyl alcohol
Concen: 20.16 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Tgt Ion: 59 Resp: 1236
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

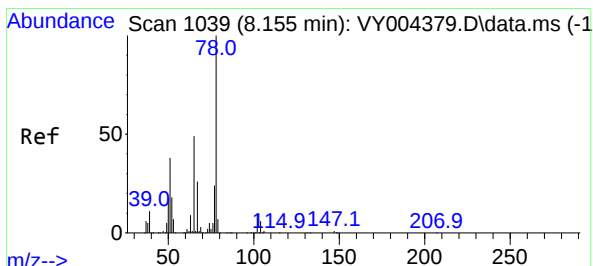
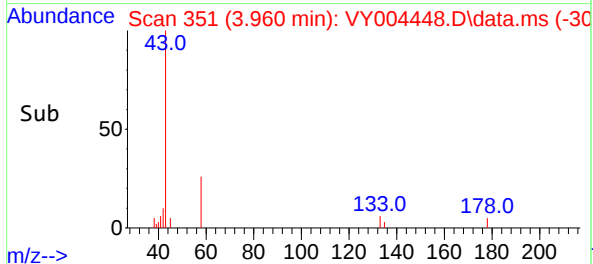
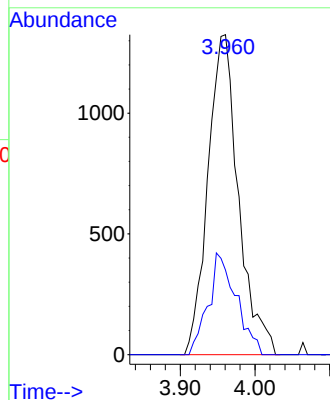
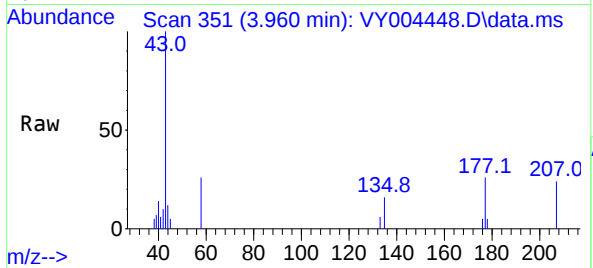




#16
Acetone
Concen: 10.00 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

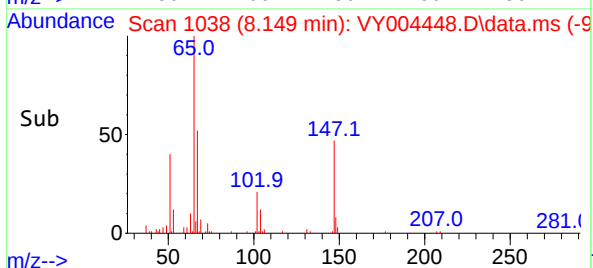
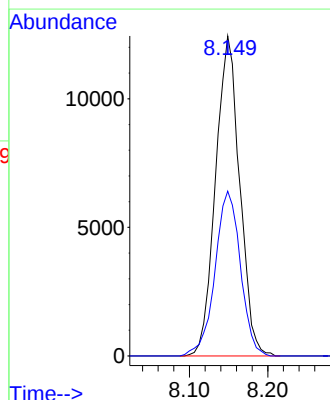
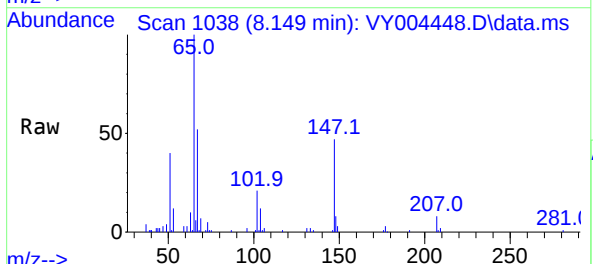
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

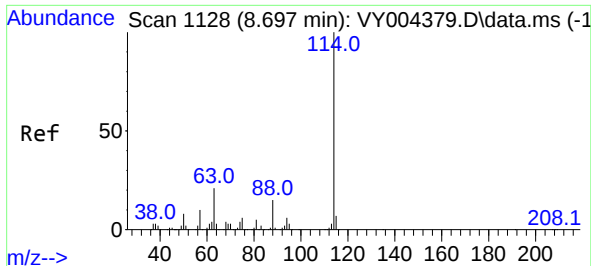
Tgt Ion: 43 Resp: 3758
Ion Ratio Lower Upper
43 100
58 26.4 24.6 37.0



#33
1,2-Dichloroethane-d4
Concen: 42.79 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Tgt Ion: 65 Resp: 26617
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.4

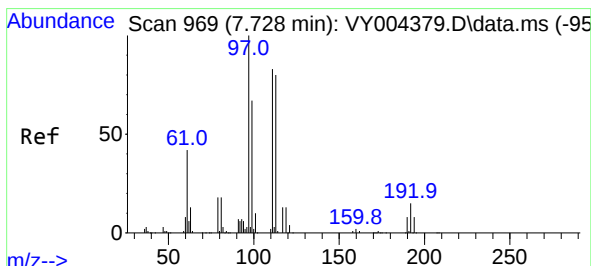
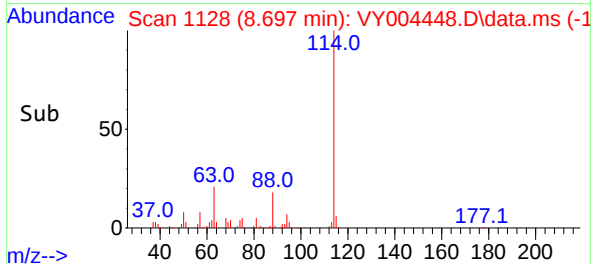
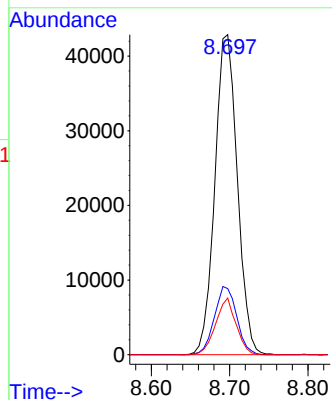
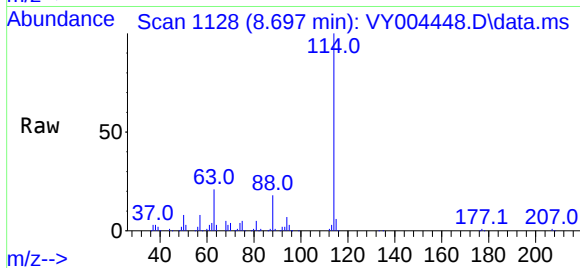




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

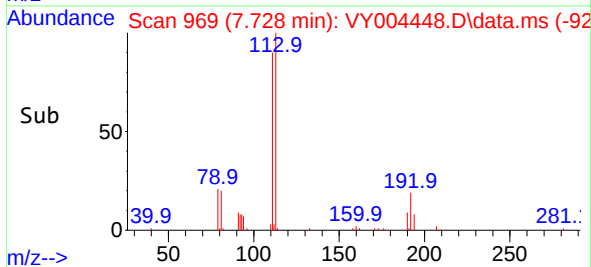
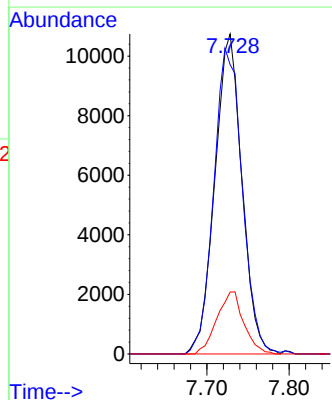
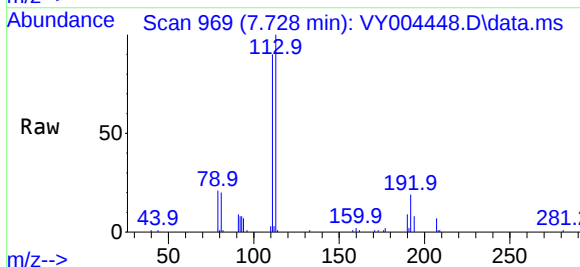
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

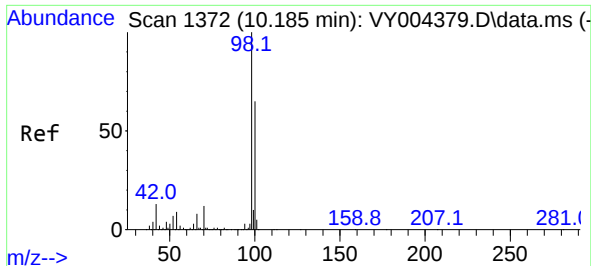
Tgt Ion:	114	Resp:	85511
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.4
88	17.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 51.85 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Tgt Ion:	113	Resp:	24607
Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.6	123.8
192	19.3	16.1	24.1

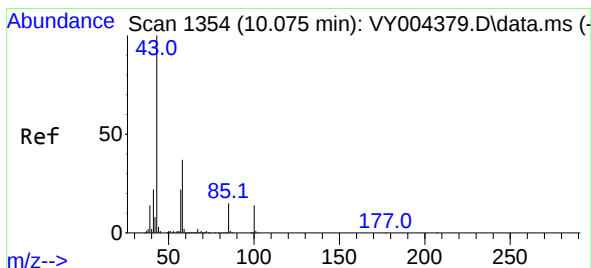
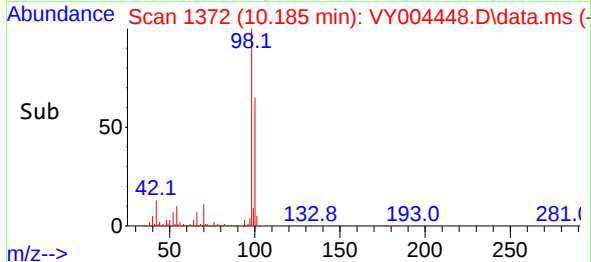
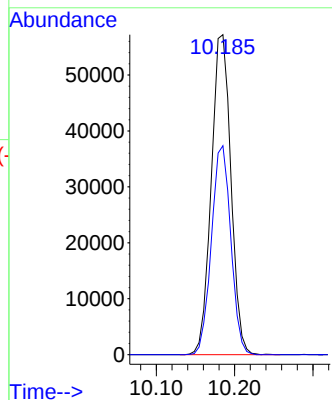
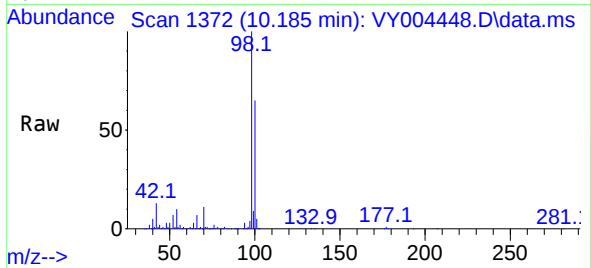




#50
Toluene-d8
Concen: 49.27 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

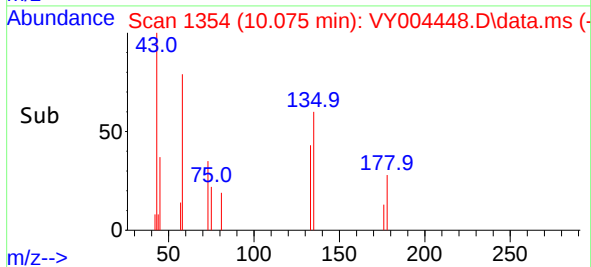
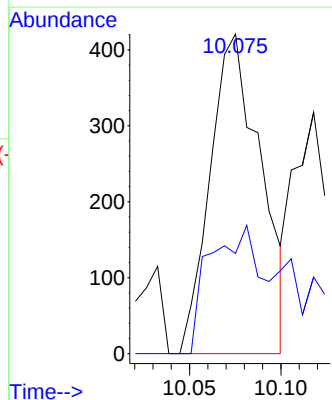
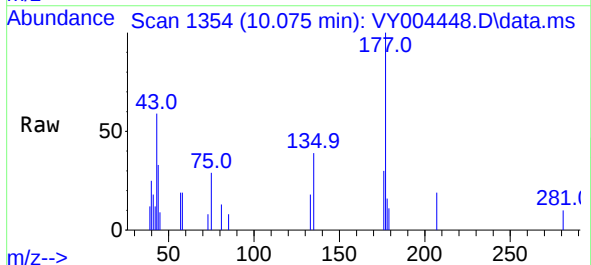
Instrument :
MSVOA_Y
ClientSampled :
SB-04-0-2.0

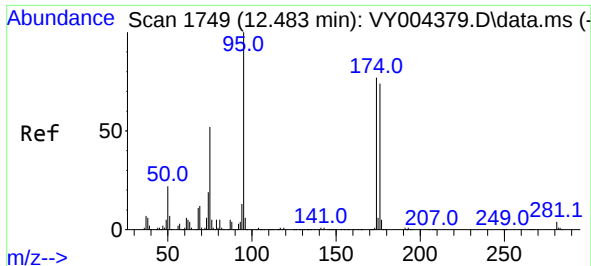
Tgt Ion: 98 Resp: 99451
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.52 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
58 40.5 29.2 43.8

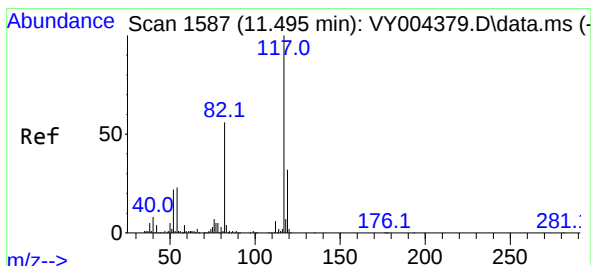
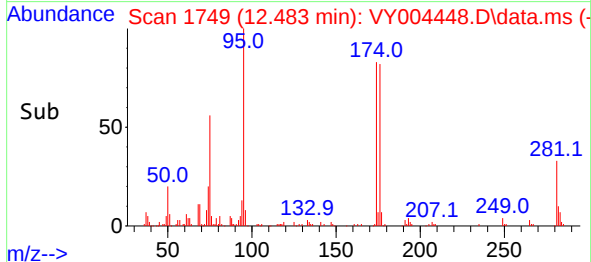
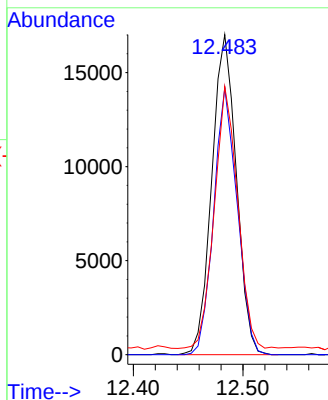
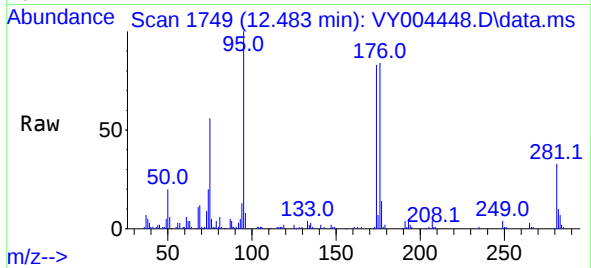




#62
4-Bromofluorobenzene
Concen: 38.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

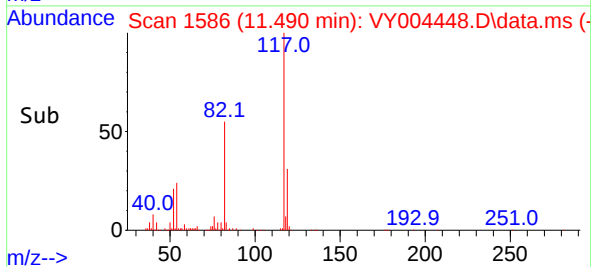
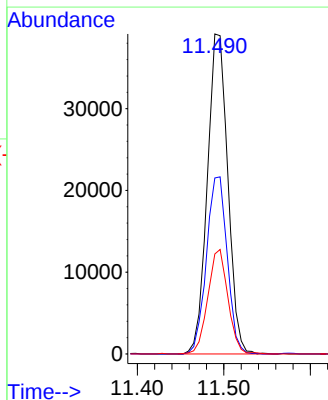
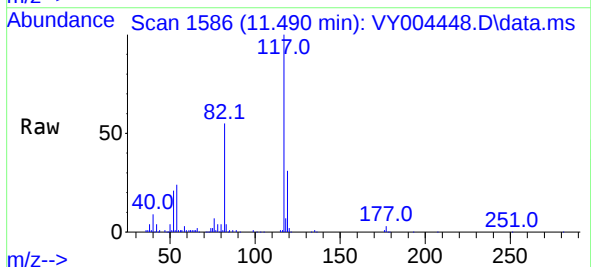
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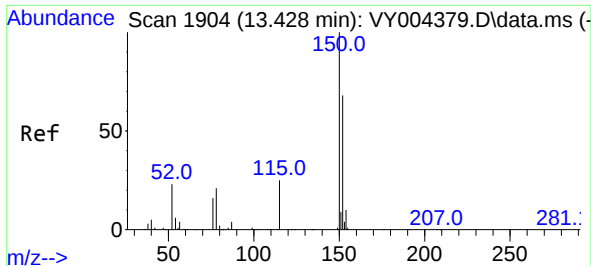
Tgt Ion: 95 Resp: 26469
Ion Ratio Lower Upper
95 100
174 79.8 0.0 162.4
176 77.9 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Tgt Ion: 117 Resp: 64308
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 31.3 25.4 38.0

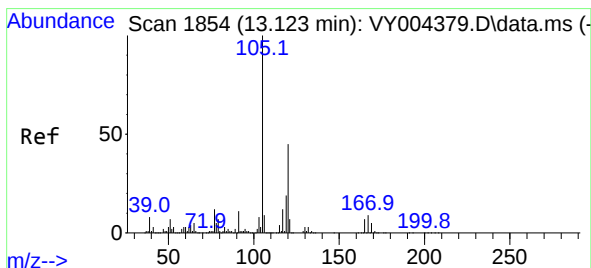
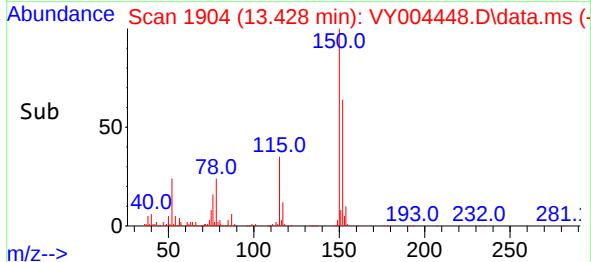
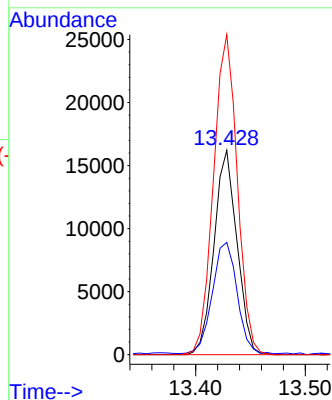
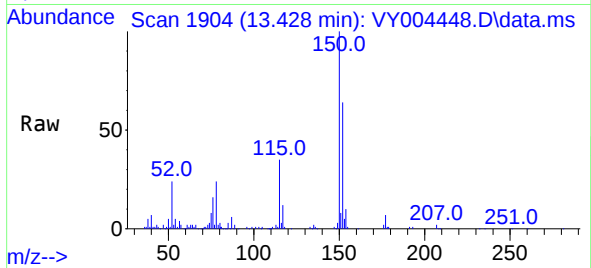




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

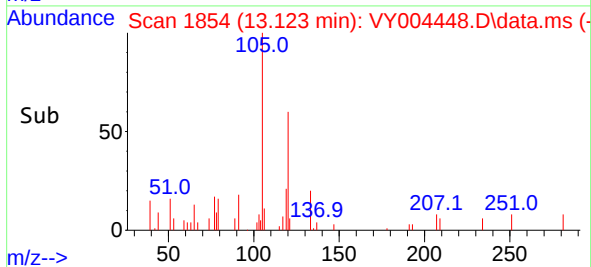
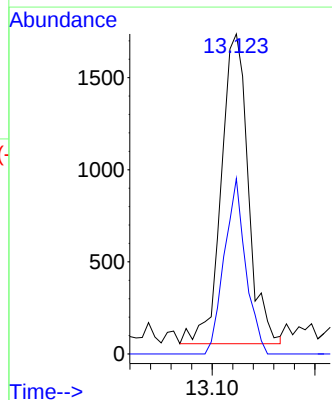
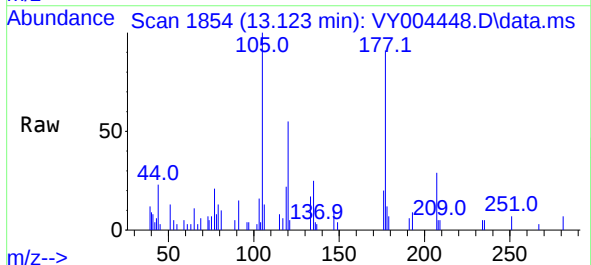
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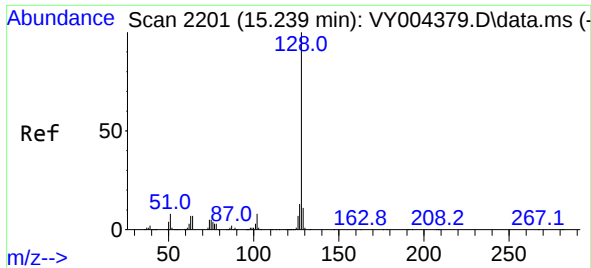
Tgt Ion:	152	Resp:	23653
Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.6	88.8
150	161.8	0.0	348.4



#84
1,2,4-Trimethylbenzene
Concen: 2.05 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Tgt Ion:	105	Resp:	3069
Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.3





#95
Naphthalene
Concen: 4.03 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Instrument :
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ClientSampleId :
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Tgt Ion:	128	Resp:	3932
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.2	15.2
129	12.1	8.8	13.2

