

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004530.D
 Acq On : 20 Apr 2021 15:44
 Operator : SY/MD
 Sample : M2090-15
 Misc : 5.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SEDGWICK-VOC-9

Quant Time: Apr 21 08:52:08 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)

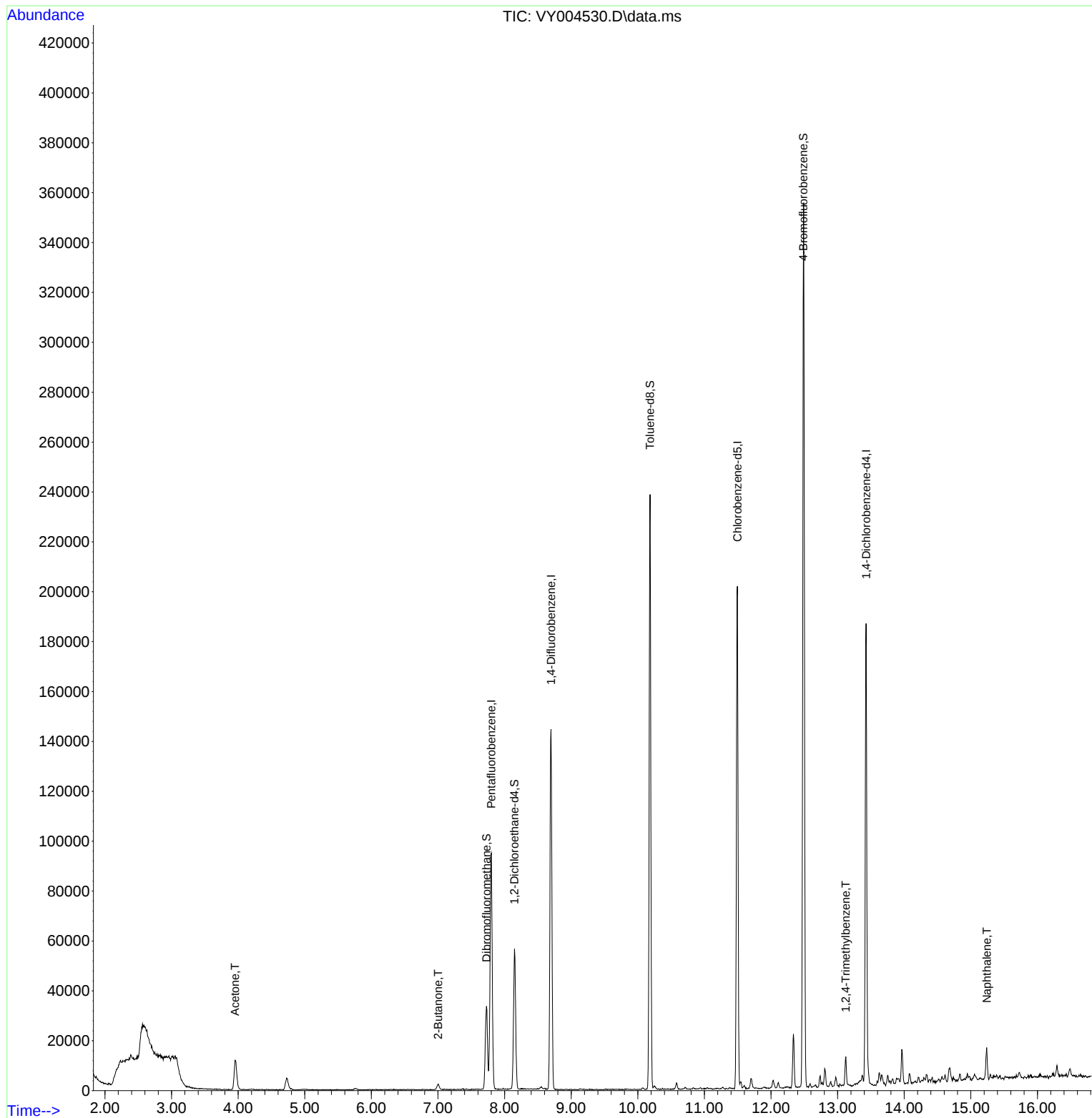
Internal Standards						
1) Pentafluorobenzene	7.801	168	71522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	119807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	107153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	42608	53.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.24%
35) Dibromofluoromethane	7.728	113	23071	34.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.40%
50) Toluene-d8	10.185	98	146884	51.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.88%
62) 4-Bromofluorobenzene	12.483	95	46032	47.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.92%
Target Compounds						
16) Acetone	3.954	43	20976	113.90	ug/l	99
25) 2-Butanone	7.003	43	3763	12.43	ug/l #	84
84) 1,2,4-Trimethylbenzene	13.123	105	5826	2.00	ug/l	98
95) Naphthalene	15.239	128	9134	4.81	ug/l	98

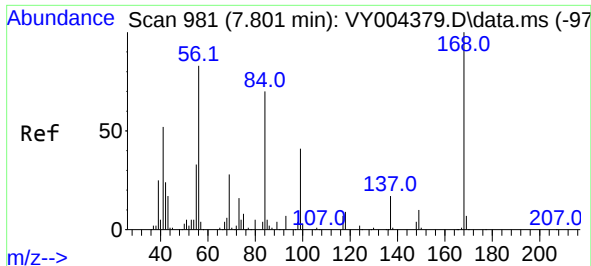
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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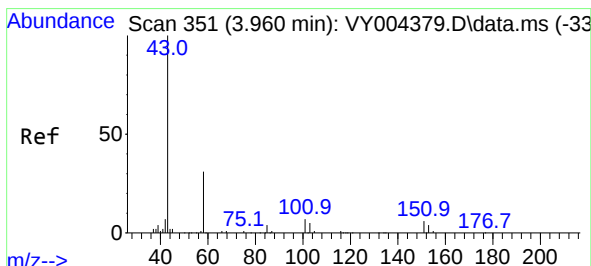
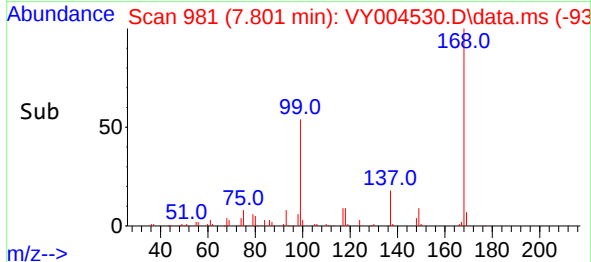
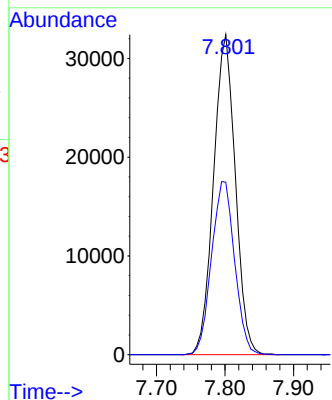
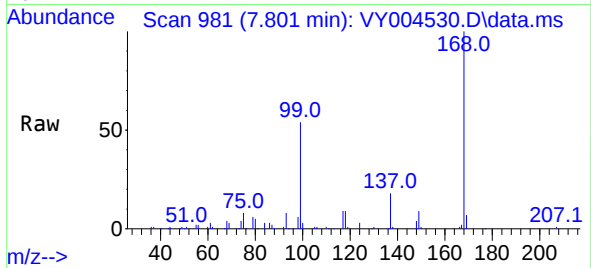




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004530.D
Acq: 20 Apr 2021 15:44

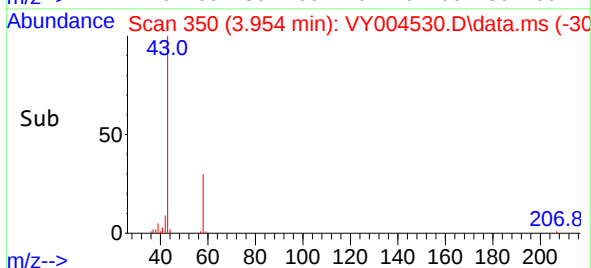
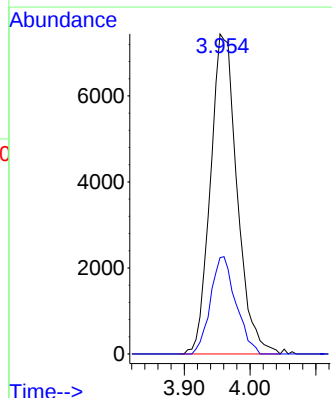
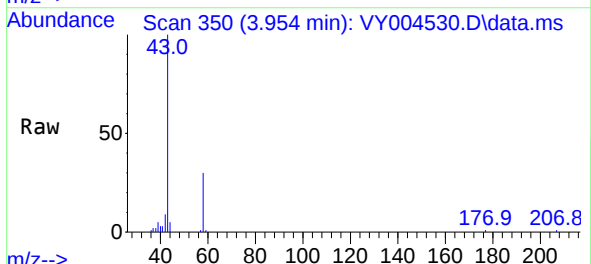
Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-9

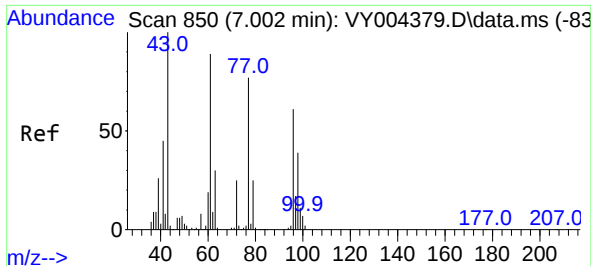
Tgt Ion:168 Resp: 71522
Ion Ratio Lower Upper
168 100
99 53.9 45.5 68.3



#16
Acetone
Concen: 113.90 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004530.D
Acq: 20 Apr 2021 15:44

Tgt Ion: 43 Resp: 20976
Ion Ratio Lower Upper
43 100
58 30.1 24.6 37.0

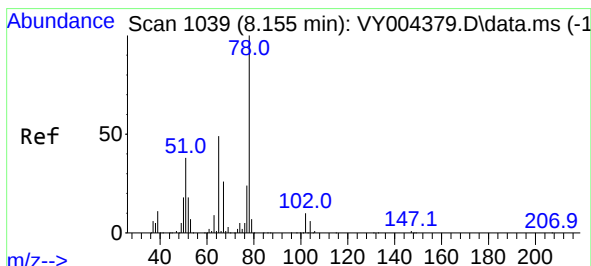
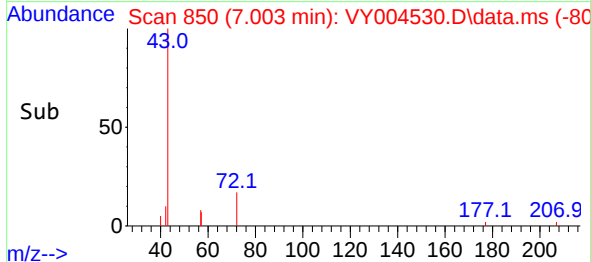
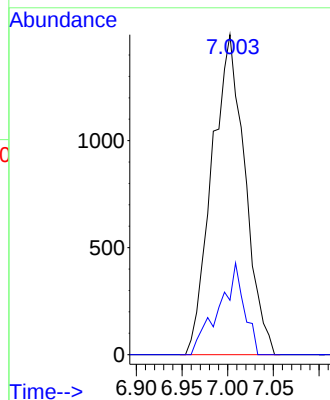
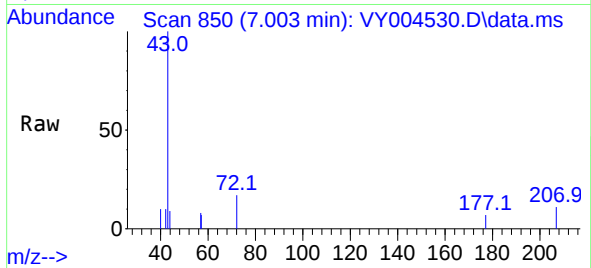




#25
2-Butanone
Concen: 12.43 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004530.D
Acq: 20 Apr 2021 15:44

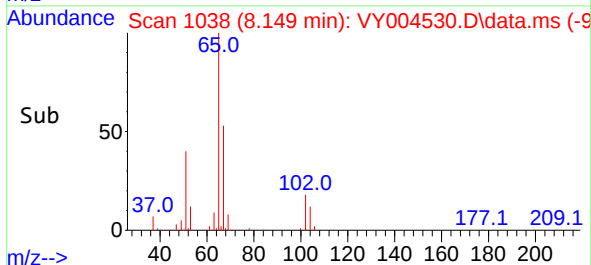
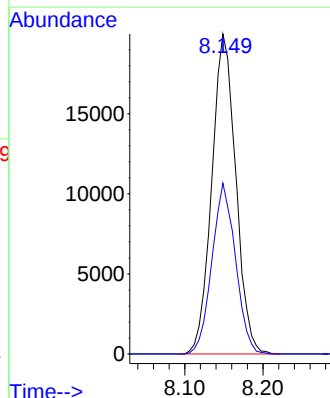
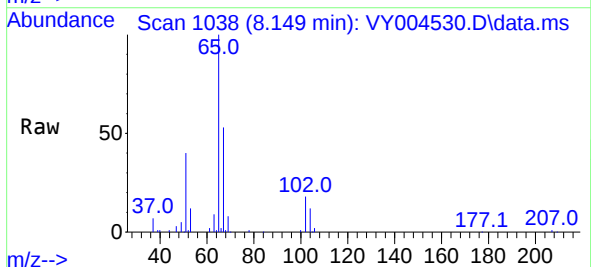
Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-9

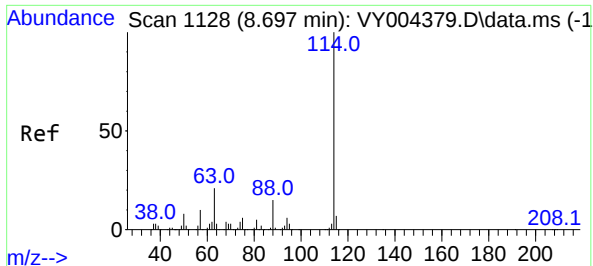
Tgt Ion: 43 Resp: 3763
Ion Ratio Lower Upper
43 100
72 17.0 20.2 30.2#



#33
1,2-Dichloroethane-d4
Concen: 53.62 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004530.D
Acq: 20 Apr 2021 15:44

Tgt Ion: 65 Resp: 42608
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.4

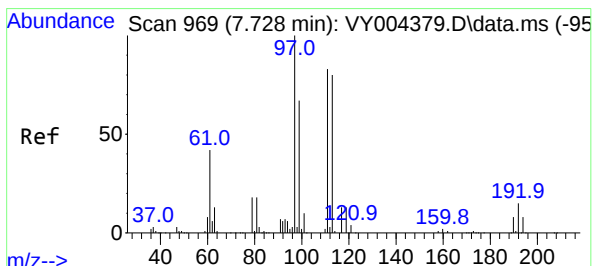
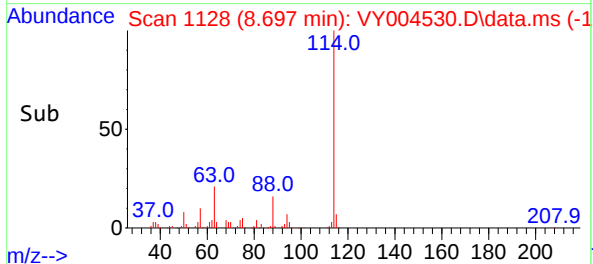
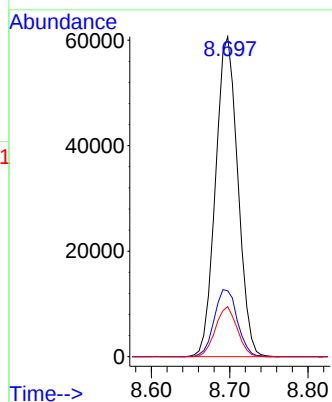
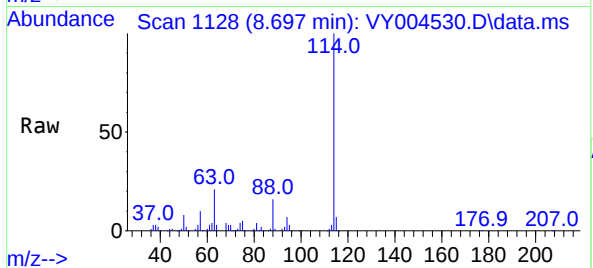




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004530.D
Acq: 20 Apr 2021 15:44

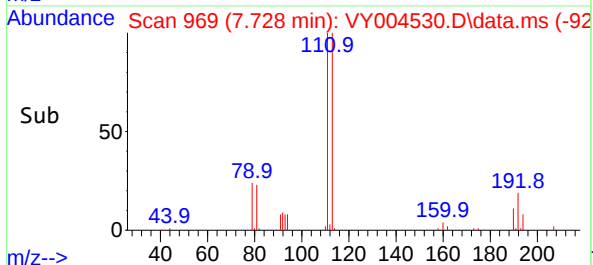
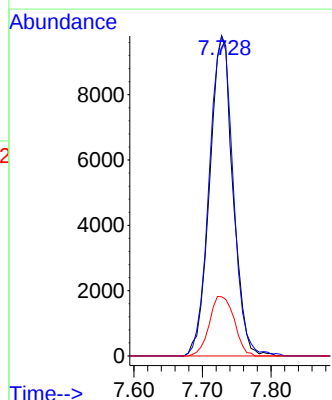
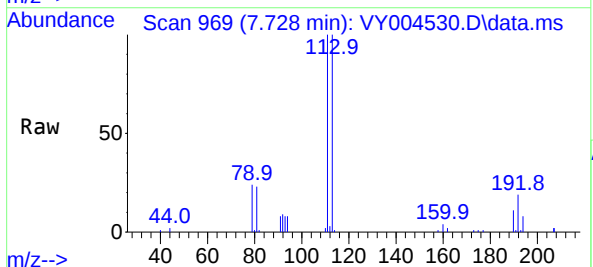
Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-9

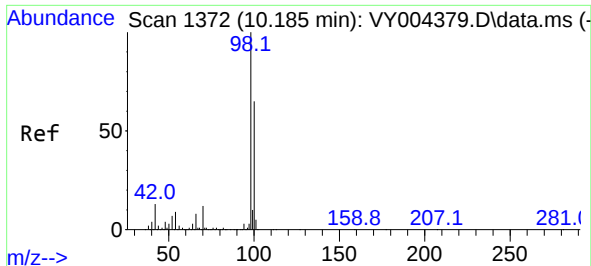
Tgt Ion:	114	Resp:	119807
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.4
88	15.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 34.70 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004530.D
Acq: 20 Apr 2021 15:44

Tgt Ion:	113	Resp:	23071
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	19.9	16.1	24.1

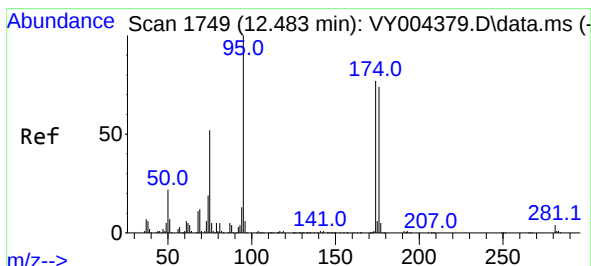
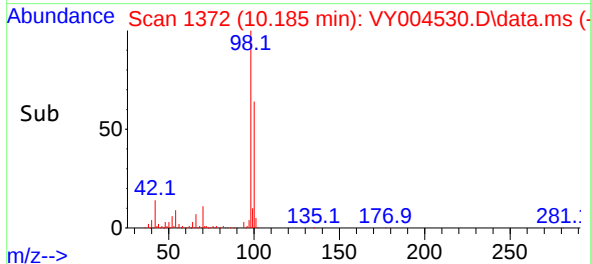
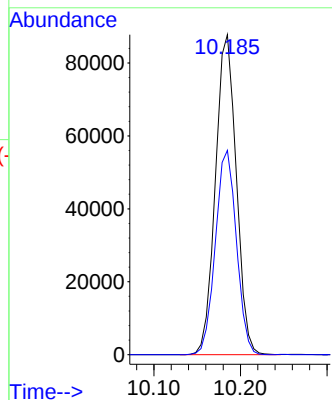
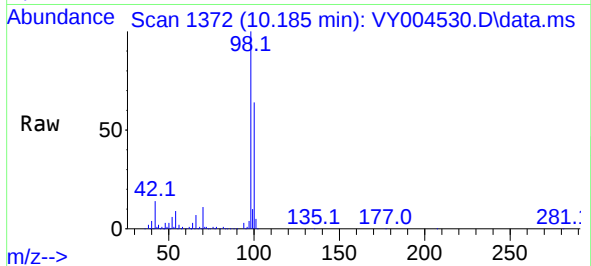




#50
Toluene-d8
Concen: 51.94 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004530.D
Acq: 20 Apr 2021 15:44

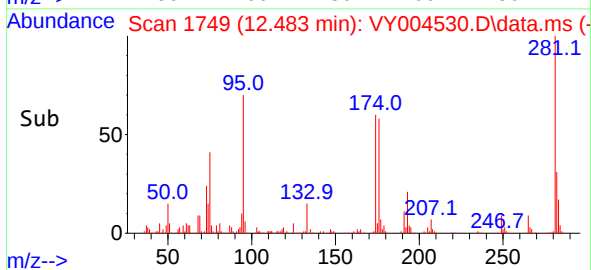
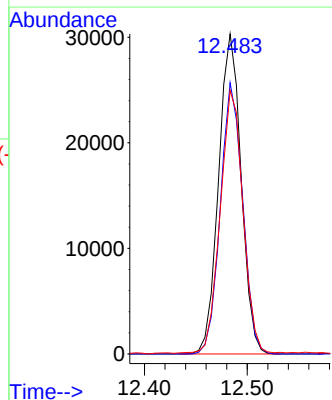
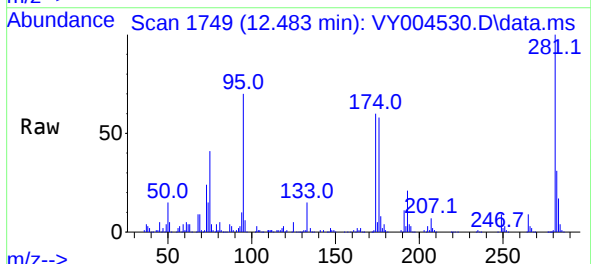
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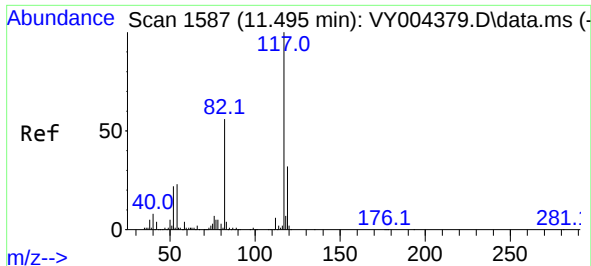
Tgt Ion: 98 Resp: 146884
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004530.D
Acq: 20 Apr 2021 15:44

Tgt Ion: 95 Resp: 46032
Ion Ratio Lower Upper
95 100
174 83.7 0.0 162.4
176 82.9 0.0 156.0

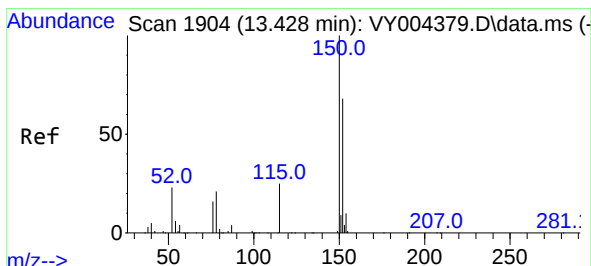
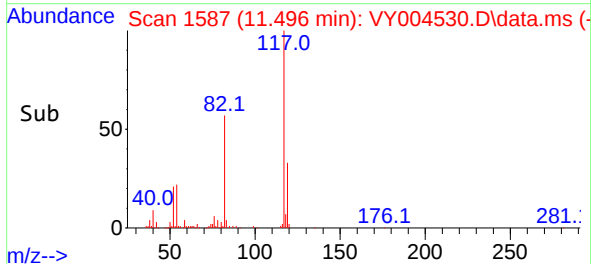
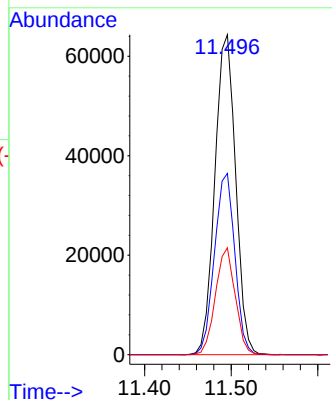
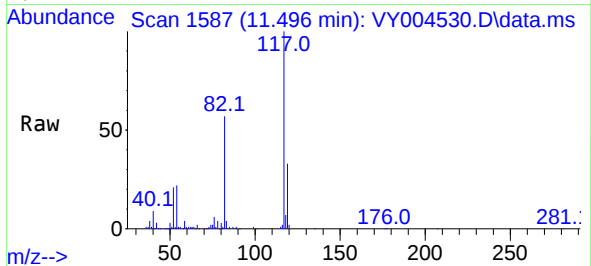




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004530.D
Acq: 20 Apr 2021 15:44

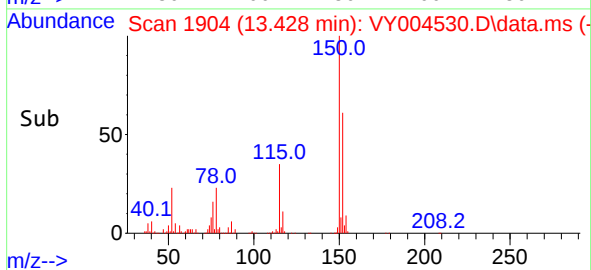
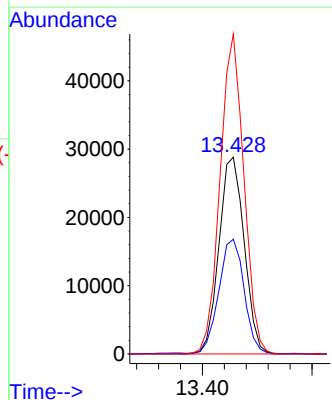
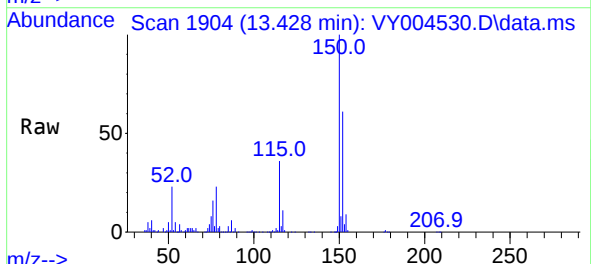
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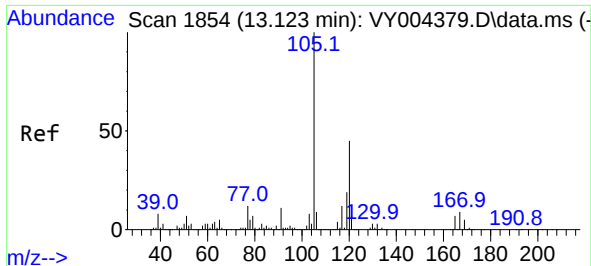
Tgt Ion:117 Resp: 107153
Ion Ratio Lower Upper
117 100
82 56.6 44.9 67.3
119 33.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004530.D
Acq: 20 Apr 2021 15:44

Tgt Ion:152 Resp: 46042
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.8
150 153.3 0.0 348.4

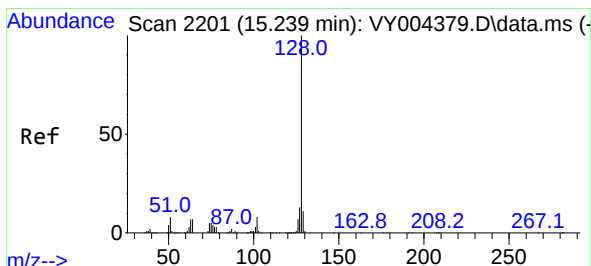
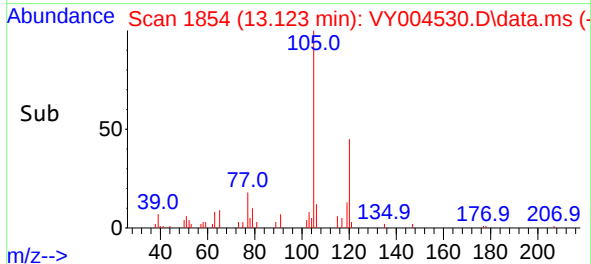
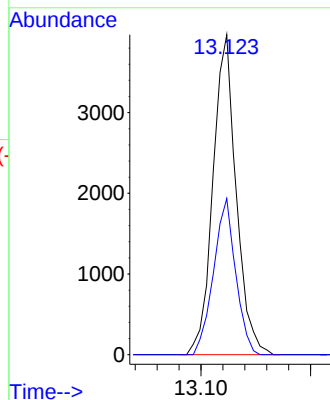
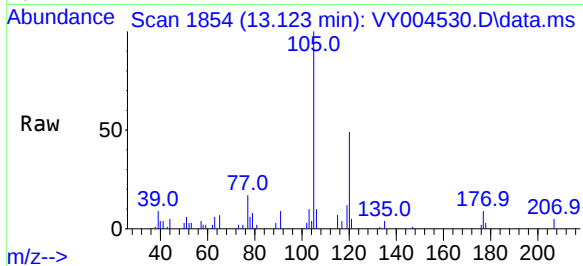




#84
1,2,4-Trimethylbenzene
Concen: 2.00 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004530.D
Acq: 20 Apr 2021 15:44

Instrument :
MSVOA_Y
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SEDGWICK-VOC-9

Tgt Ion:105 Resp: 5826
Ion Ratio Lower Upper
105 100
120 46.4 22.4 67.3



#95
Naphthalene
Concen: 4.81 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004530.D
Acq: 20 Apr 2021 15:44

Tgt Ion:128 Resp: 9134
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 10.3 8.8 13.2

