

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004183.D
 Acq On : 24 Mar 2021 13:15
 Operator : SY/MD
 Sample : M1777-01
 Misc : 5.05g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 244

Quant Time: Mar 25 01:19:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

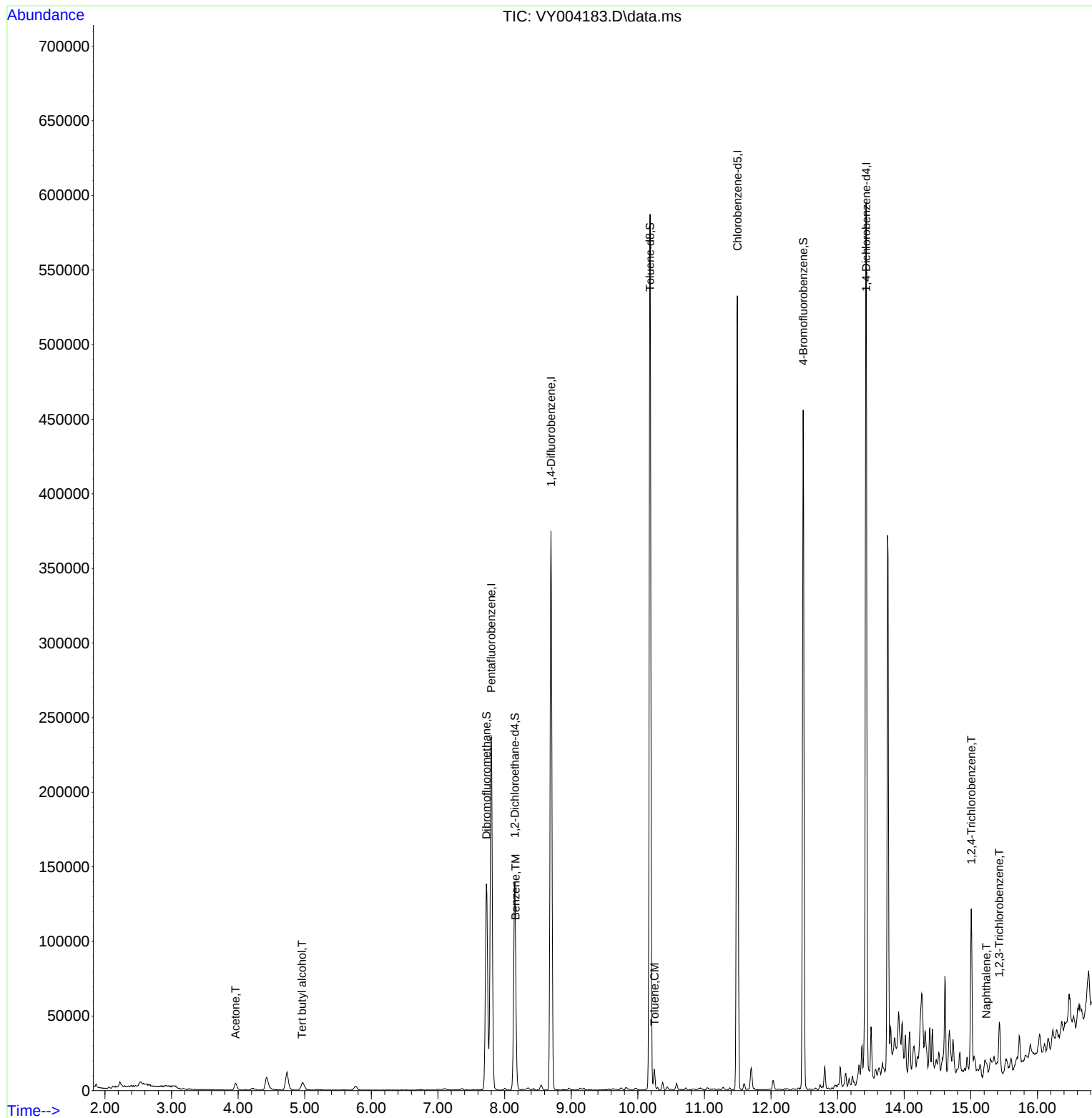
Internal Standards						
1) Pentafluorobenzene	7.801	168	187502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	291877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	103257	55.80	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.60%
35) Dibromofluoromethane	7.728	113	96125	53.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.26%
50) Toluene-d8	10.185	98	376682	53.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.20%
62) 4-Bromofluorobenzene	12.483	95	131692	50.74	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.48%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.960	59	10123	60.51	ug/l	96
16) Acetone	3.960	43	8200	18.36	ug/l #	86
40) Benzene	8.167	78	11495	1.46	ug/l	98
52) Toluene	10.252	92	5586	1.10	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	32002	12.32	ug/l	96
95) Naphthalene	15.233	128	5306	1.03	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	7368	3.37	ug/l #	85

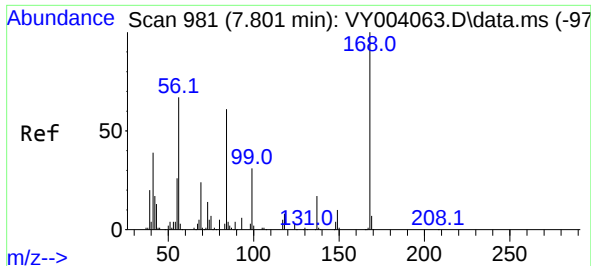
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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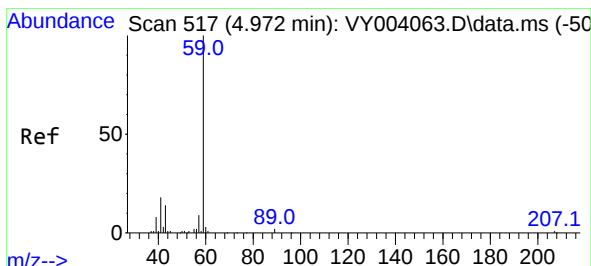
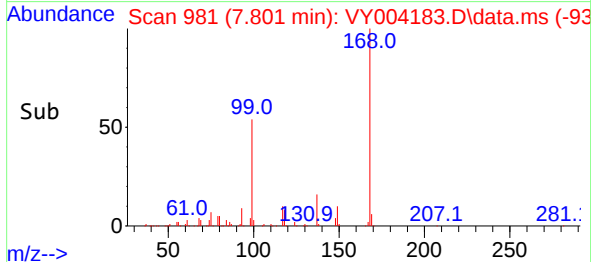
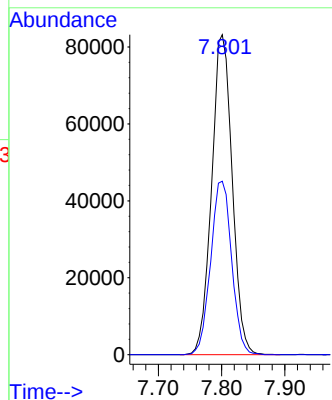
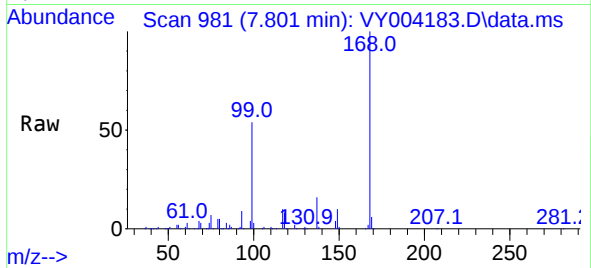




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

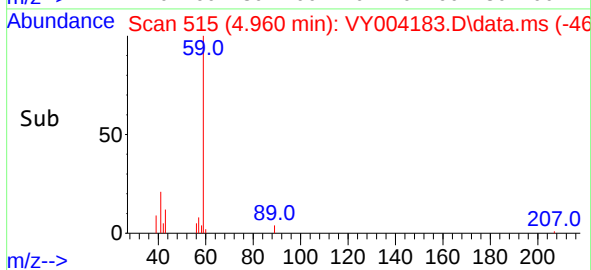
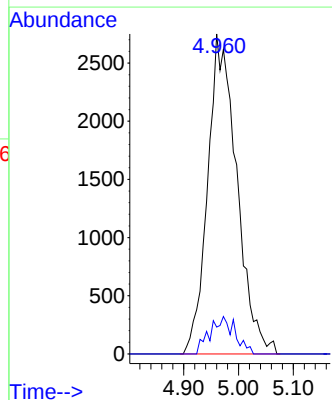
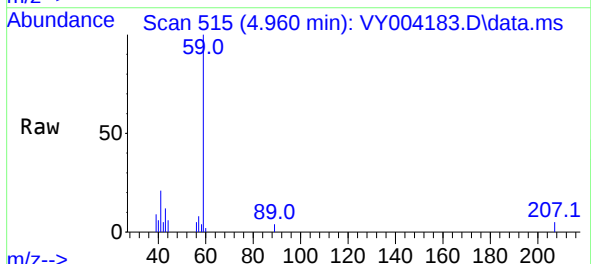
Instrument :
MSVOA_Y
ClientSampleId :
244

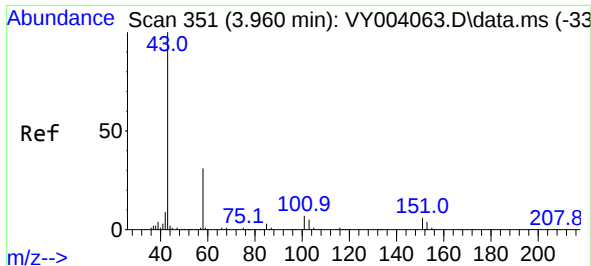
Tgt Ion:168 Resp: 187502
Ion Ratio Lower Upper
168 100
99 54.2 41.2 61.8



#11
Tert butyl alcohol
Concen: 60.51 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion: 59 Resp: 10123
Ion Ratio Lower Upper
59 100
57 10.0 6.9 10.3

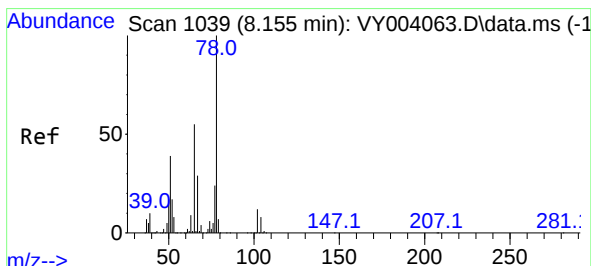
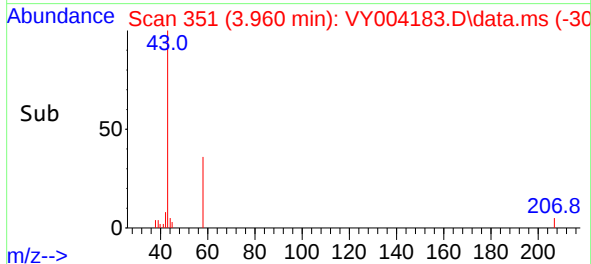
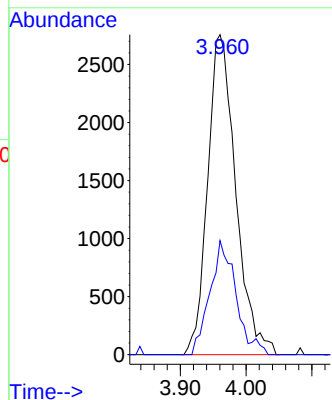
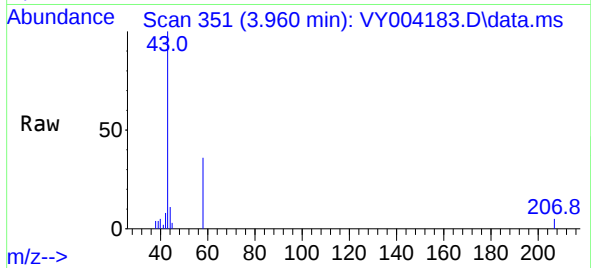




#16
Acetone
Concen: 18.36 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

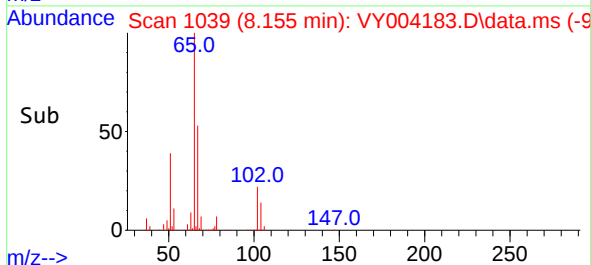
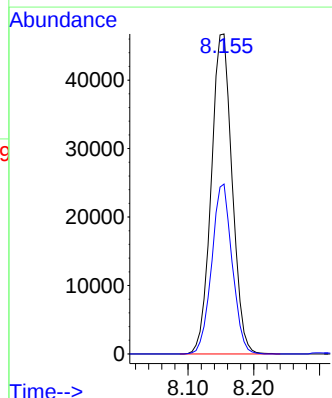
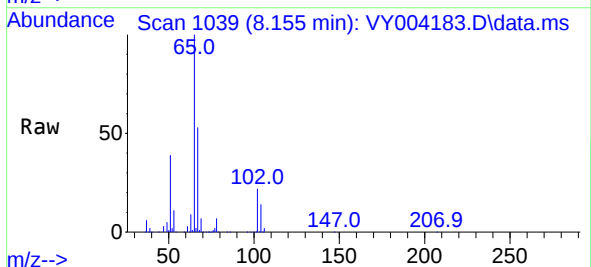
Instrument :
MSVOA_Y
ClientSampled :
244

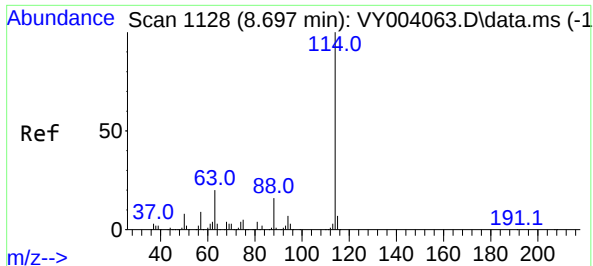
Tgt Ion: 43 Resp: 8200
Ion Ratio Lower Upper
43 100
58 35.7 22.6 34.0#



#33
1,2-Dichloroethane-d4
Concen: 55.80 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion: 65 Resp: 103257
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4



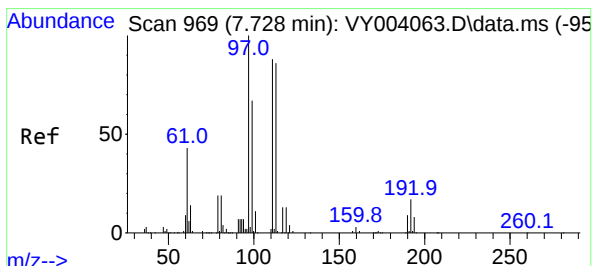
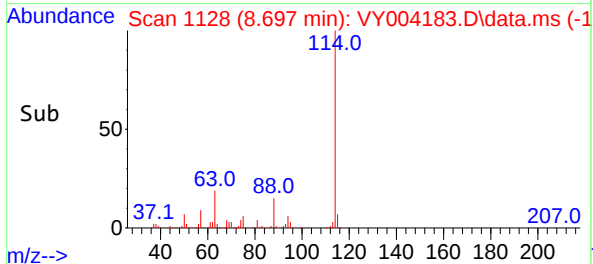
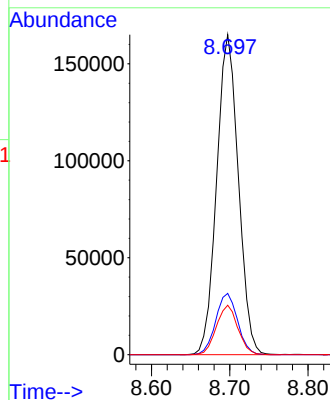
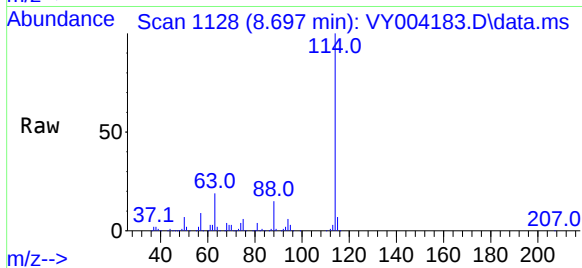


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Instrument :
MSVOA_Y
ClientSampleId :
244

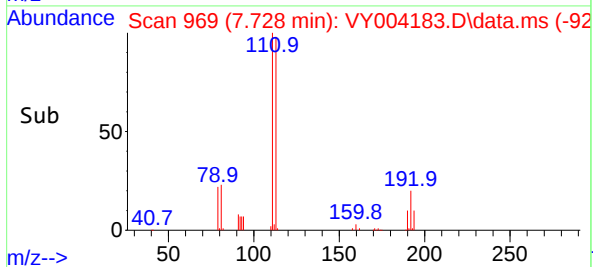
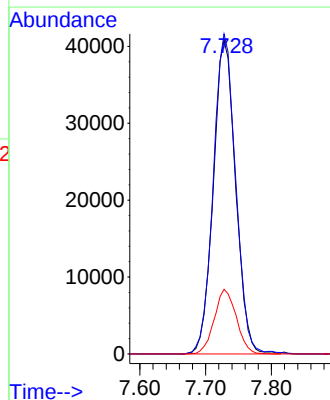
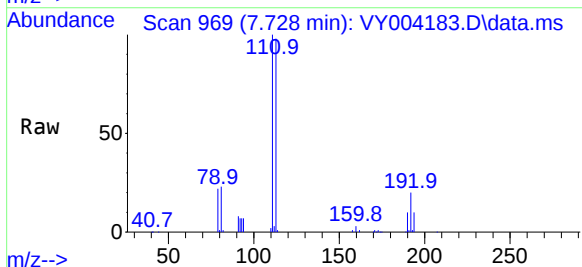
Tgt Ion:	114	Resp:	317855
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.6
88	15.4	0.0	31.4

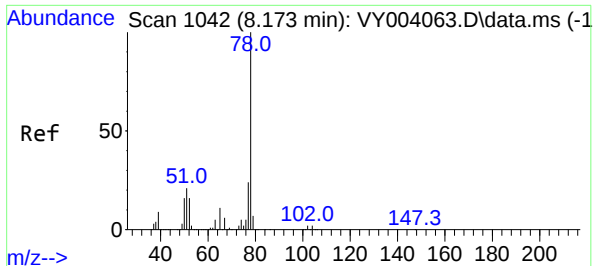


#35

Dibromofluoromethane
Concen: 53.63 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion:	113	Resp:	96125
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.2	124.8
192	20.4	18.5	27.7

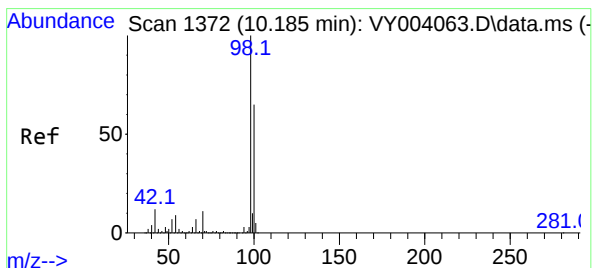
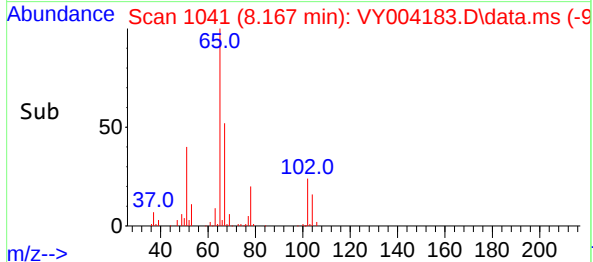
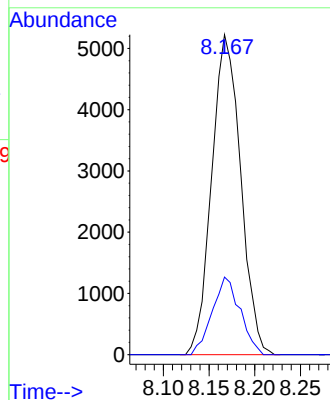
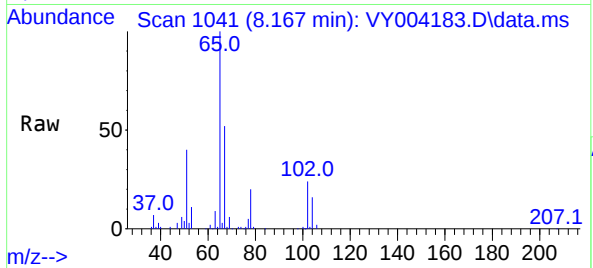




#40
Benzene
Concen: 1.46 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

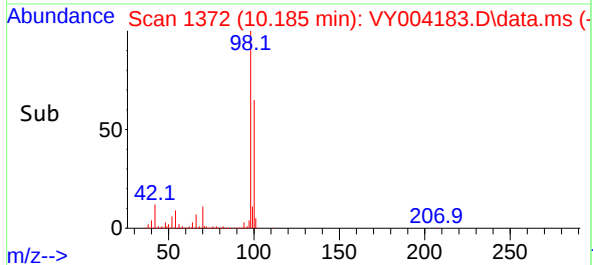
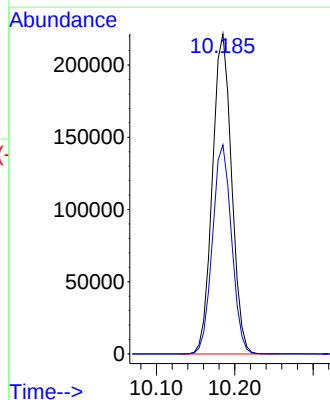
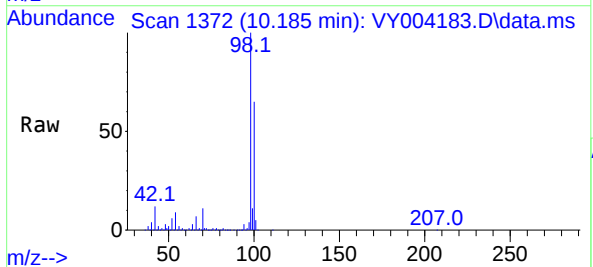
Instrument :
MSVOA_Y
ClientSampled :
244

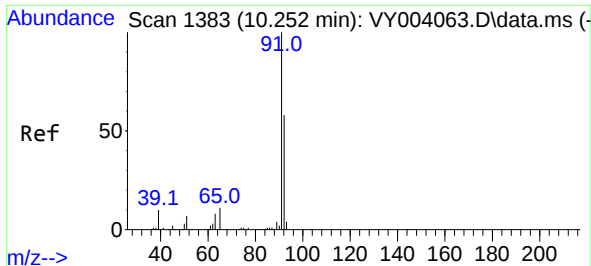
Tgt Ion: 78 Resp: 11495
Ion Ratio Lower Upper
78 100
77 24.2 20.1 30.1



#50
Toluene-d8
Concen: 53.60 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion: 98 Resp: 376682
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

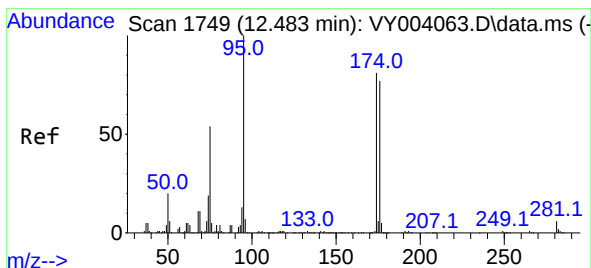
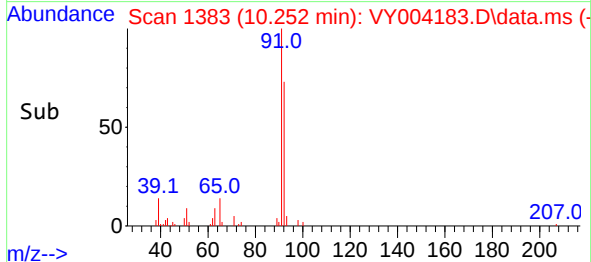
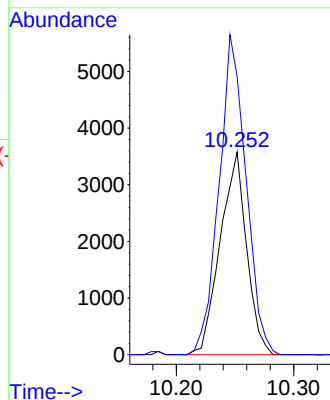
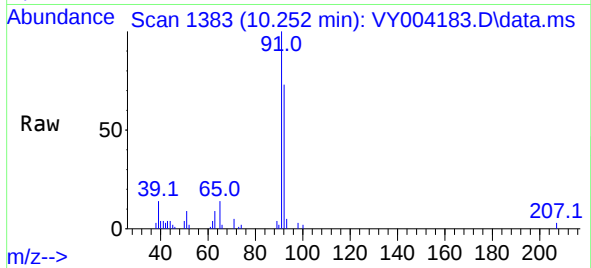




#52
Toluene
Concen: 1.10 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

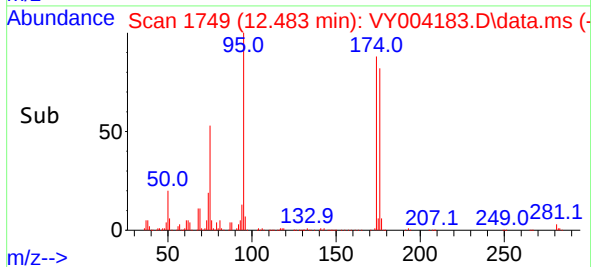
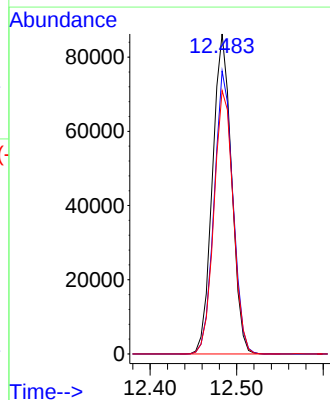
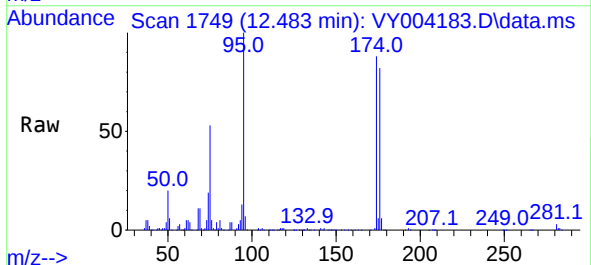
Instrument :
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ClientSampled :
244

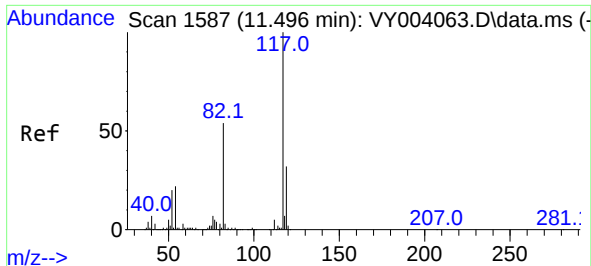
Tgt Ion: 92 Resp: 5586
Ion Ratio Lower Upper
92 100
91 161.6 141.0 211.4



#62
4-Bromofluorobenzene
Concen: 50.74 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion: 95 Resp: 131692
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.0
176 83.2 0.0 174.4

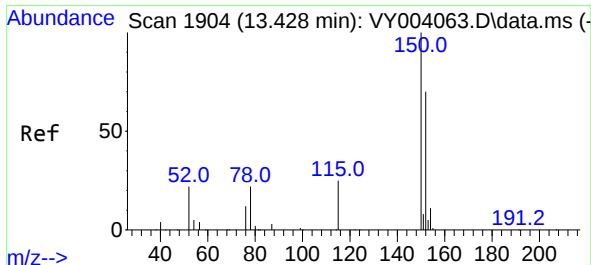
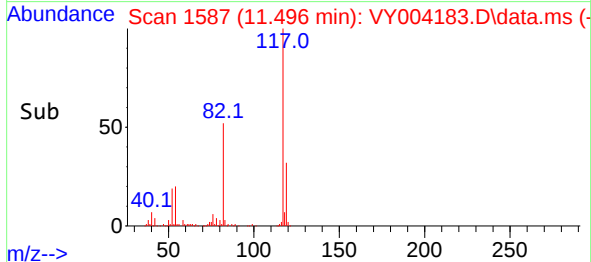
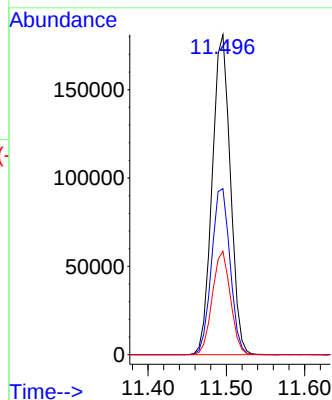
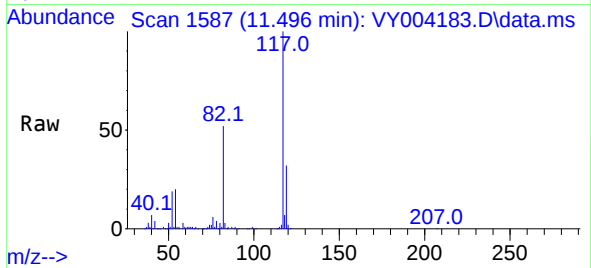




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

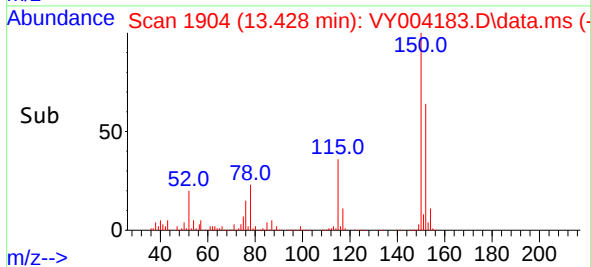
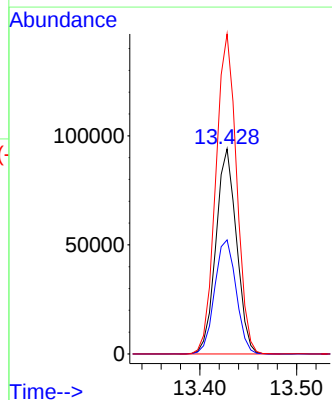
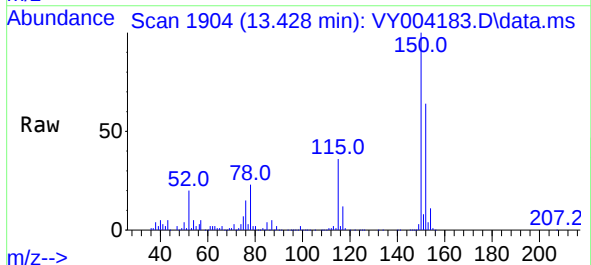
Instrument :
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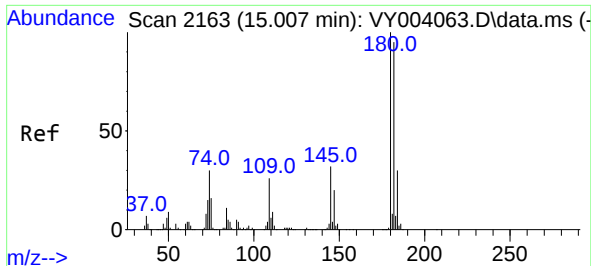
Tgt Ion:	117	Resp:	291877
Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.8	65.6
119	32.3	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion:	152	Resp:	139366
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.6
150	157.2	0.0	347.2

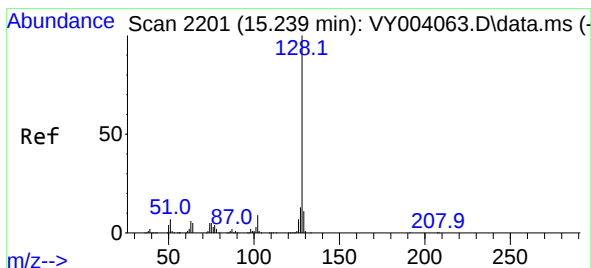
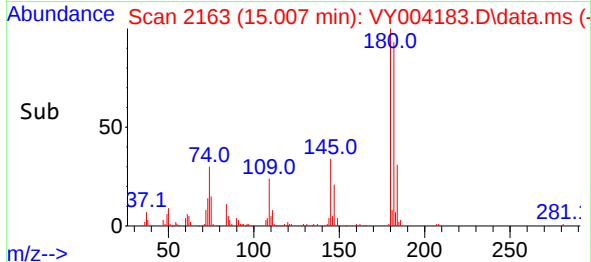
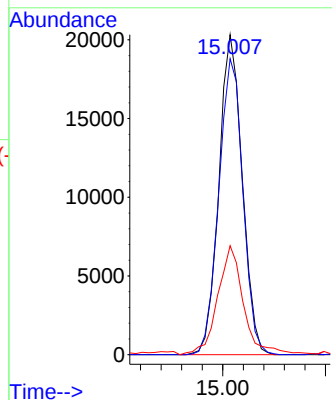
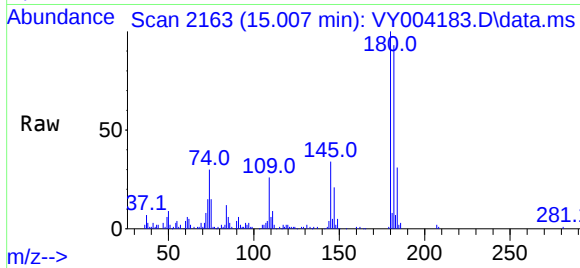




#93
1,2,4-Trichlorobenzene
Concen: 12.32 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

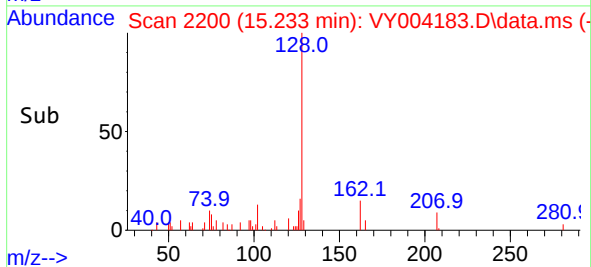
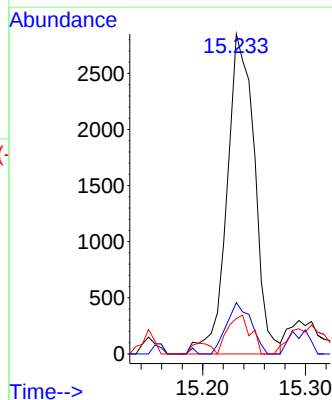
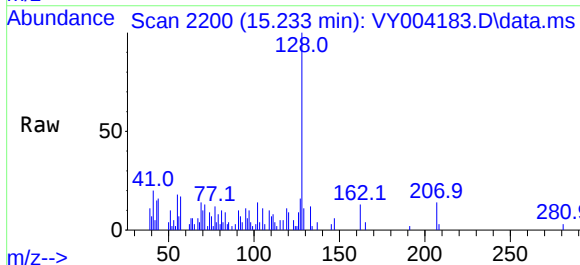
Instrument :
MSVOA_Y
ClientSampled :
244

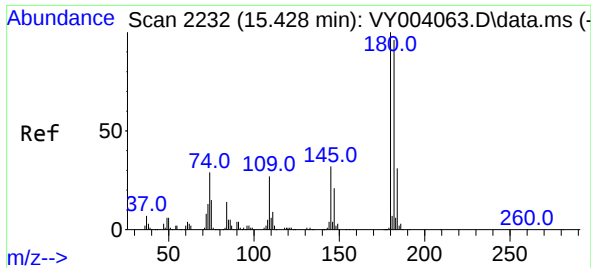
Tgt Ion:	180	Resp:	32002
Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.0
145	37.9	14.1	42.2



#95
Naphthalene
Concen: 1.03 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004183.D
Acq: 24 Mar 2021 13:15

Tgt Ion:	128	Resp:	5306
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.6	16.0
129	10.1	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.37 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: VY004183.D
 Acq: 24 Mar 2021 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	180	Resp:	7368
Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.6	142.8
145	56.6	15.3	45.9#

