

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008330.D
 Acq On : 14 Apr 2022 16:13
 Operator : KP/MD
 Sample : N2423-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D2460-D2462

Quant Time: Apr 15 06:15:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

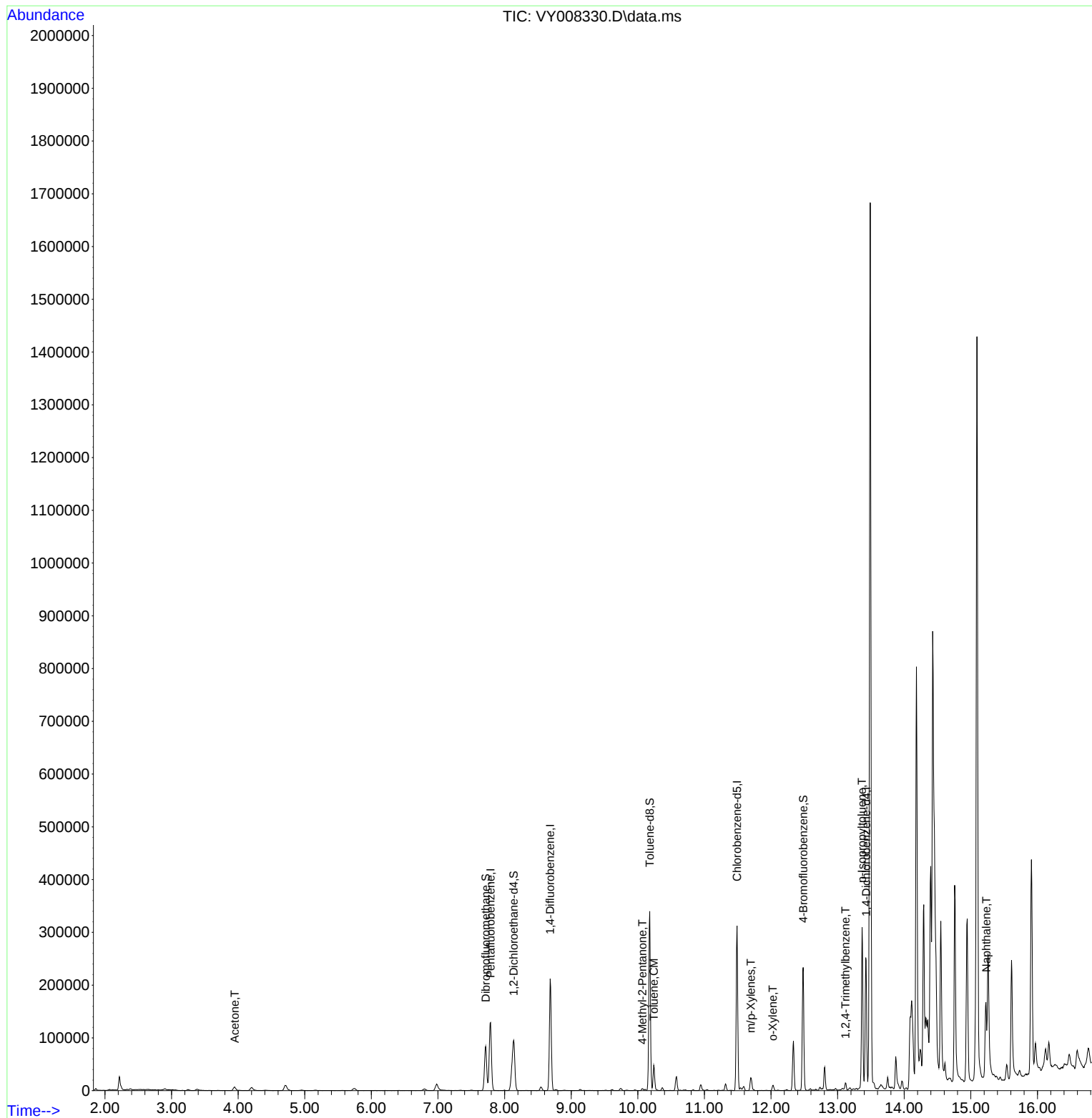
Internal Standards						
1) Pentafluorobenzene	7.789	168	102866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	187195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58726	60.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.560%	
35) Dibromofluoromethane	7.716	113	58330	53.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.900%	
50) Toluene-d8	10.179	98	224679	60.729	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.460%	
62) 4-Bromofluorobenzene	12.483	95	69250	49.765	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.540%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	11043	47.516	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	2851	3.342	ug/l	100
52) Toluene	10.240	92	20023	5.911	ug/l	92
68) m/p-Xylenes	11.697	106	7648	3.081	ug/l	86
69) o-Xylene	12.026	106	2615	1.086	ug/l	89
84) 1,2,4-Trimethylbenzene	13.117	105	7313	1.864	ug/l	97
86) p-Isopropyltoluene	13.367	119	163778	37.222	ug/l	98
95) Naphthalene	15.233	128	5111	1.932	ug/l #	82

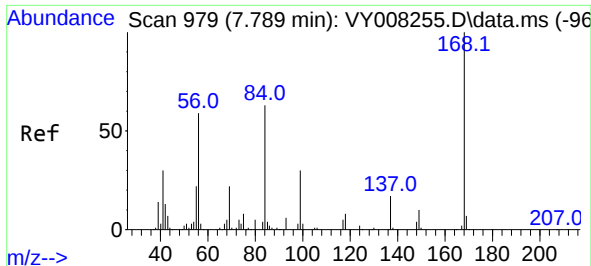
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D2460-D2462

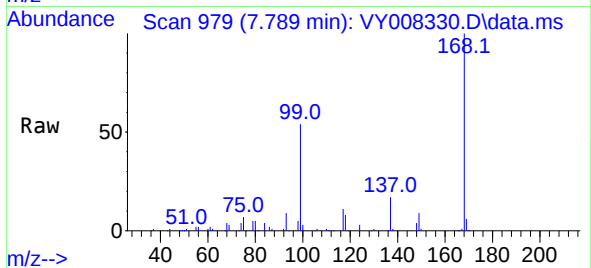
Quant Time: Apr 15 06:15:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration



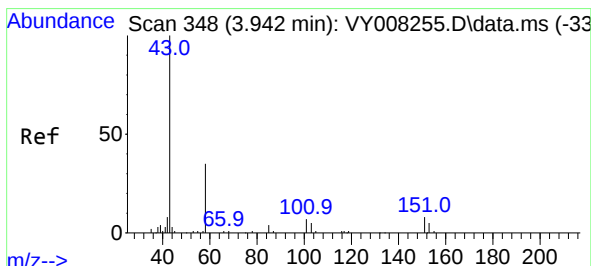
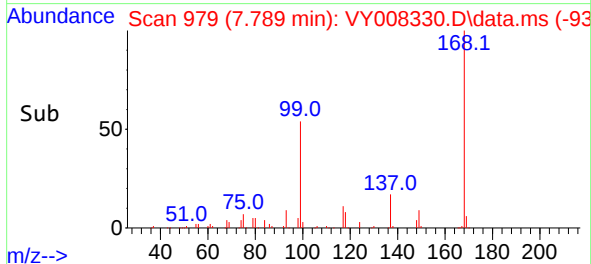
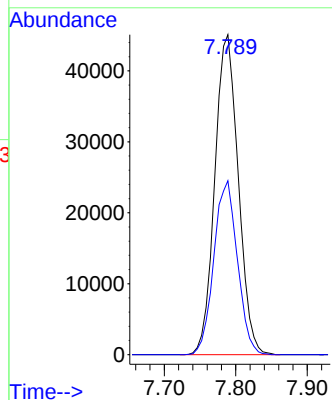


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
D2460-D2462

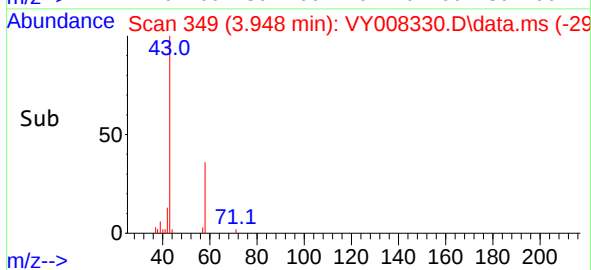
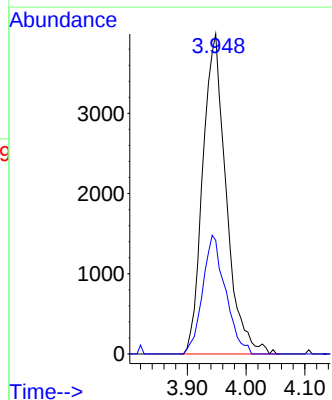
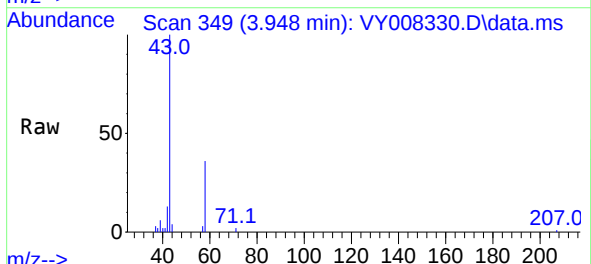


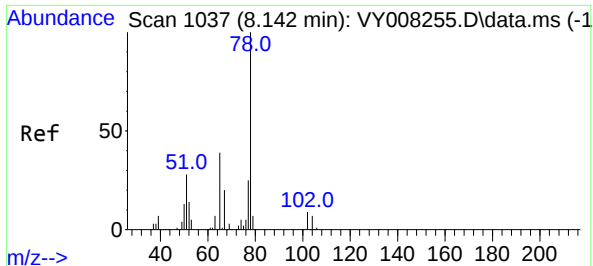
Tgt Ion:168 Resp: 102866
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#16
Acetone
Concen: 47.516 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

Tgt Ion: 43 Resp: 11043
Ion Ratio Lower Upper
43 100
58 35.5 22.0 33.0#

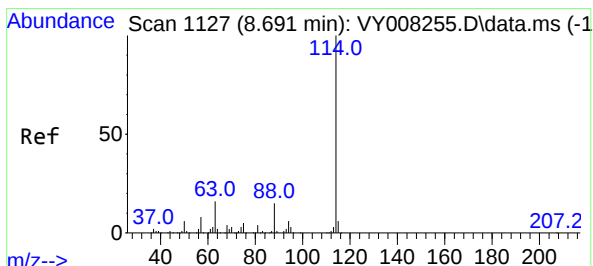
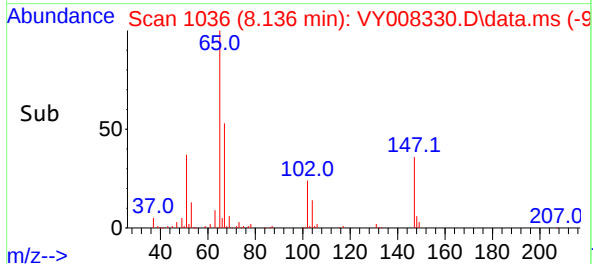
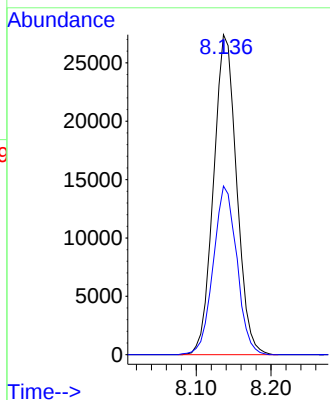
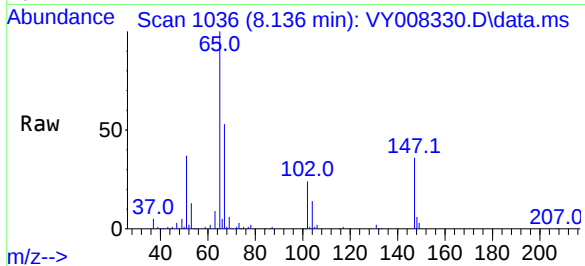




#33
1,2-Dichloroethane-d4
Concen: 60.778 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

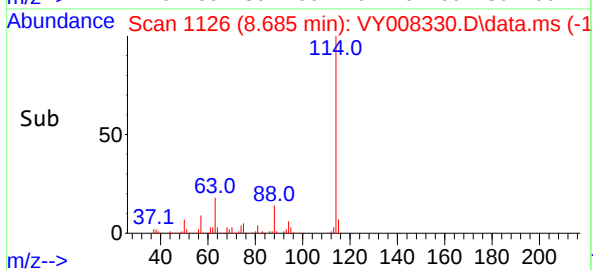
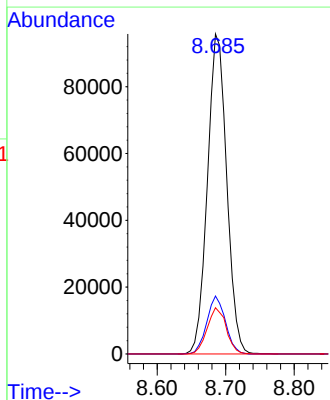
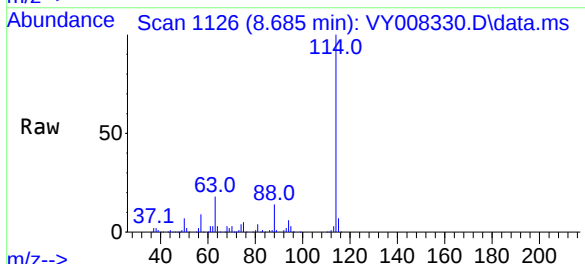
Instrument :
MSVOA_Y
ClientSampleId :
D2460-D2462

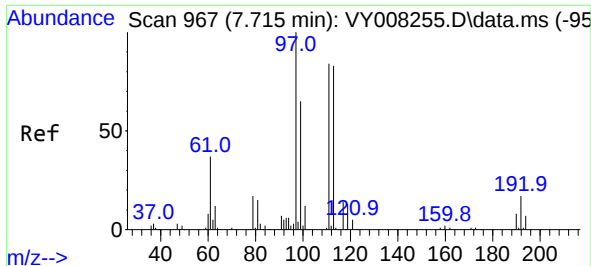
Tgt Ion: 65 Resp: 58726
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

Tgt Ion: 114 Resp: 187195
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 14.4 0.0 31.8

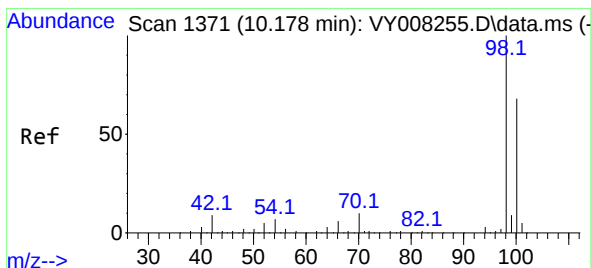
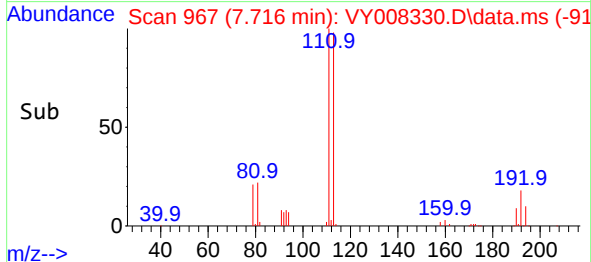
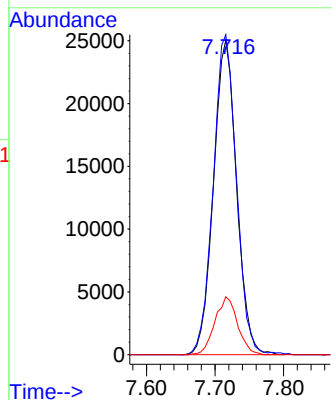
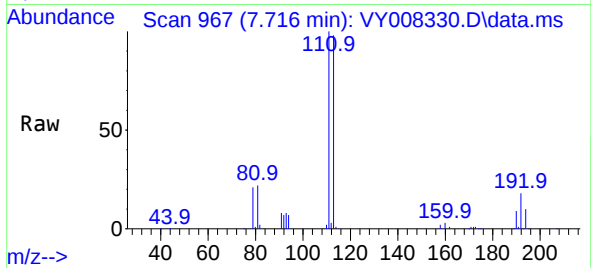




#35
Dibromofluoromethane
Concen: 53.949 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.001 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

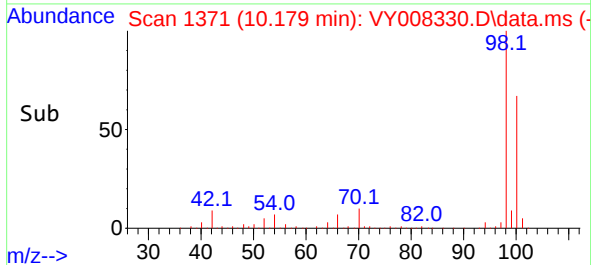
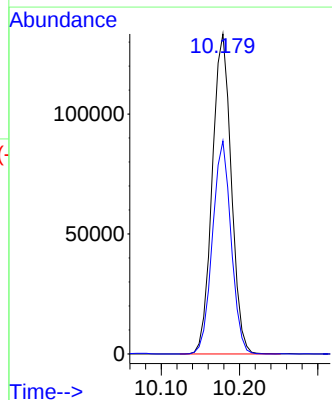
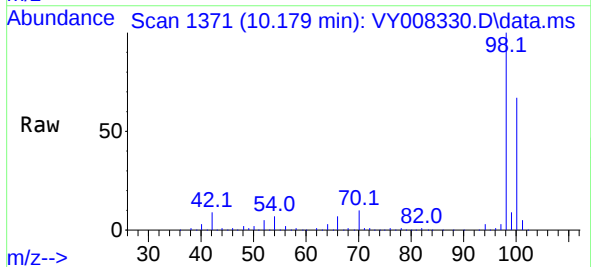
Instrument :
MSVOA_Y
ClientSampleId :
D2460-D2462

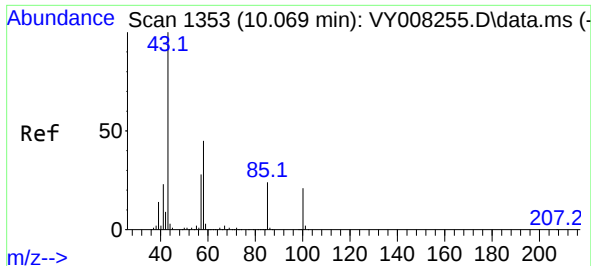
Tgt Ion:113 Resp: 58330
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.1 17.6 26.4



#50
Toluene-d8
Concen: 60.729 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

Tgt Ion: 98 Resp: 224679
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

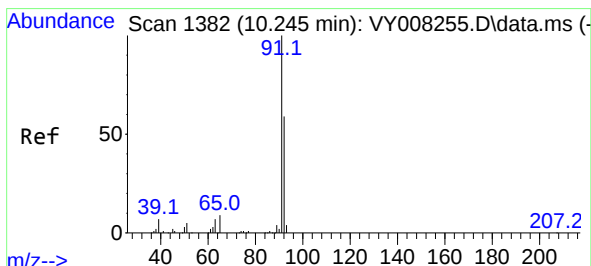
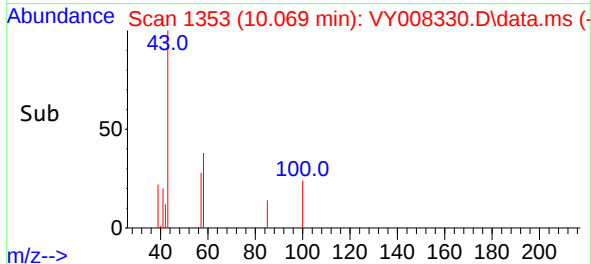
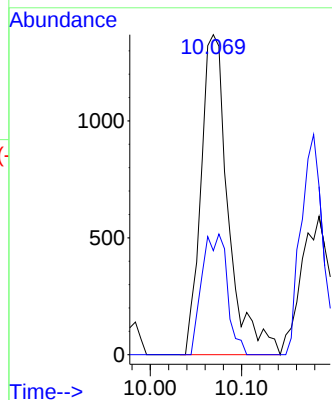
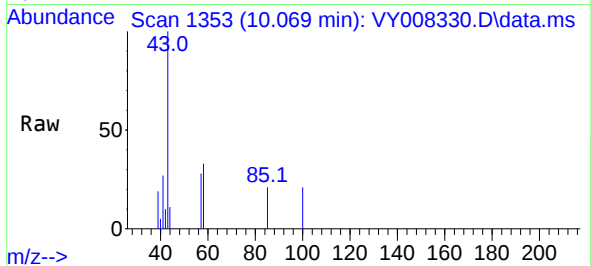




#51
4-Methyl-2-Pentanone
Concen: 3.342 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

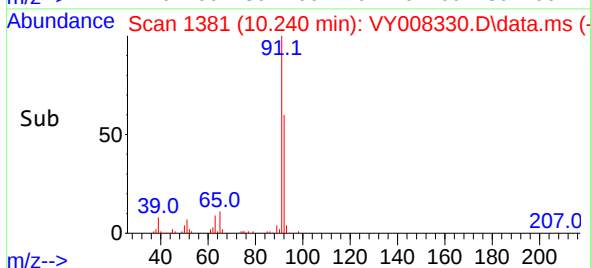
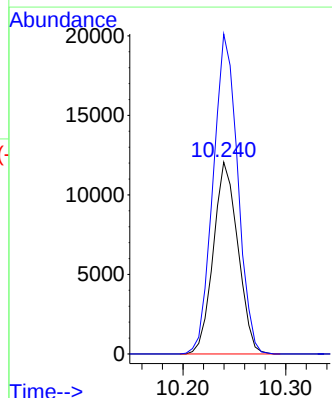
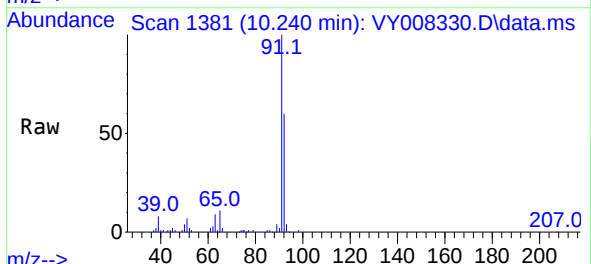
Instrument :
MSVOA_Y
ClientSampleId :
D2460-D2462

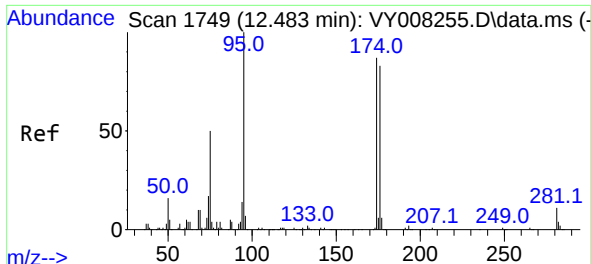
Tgt Ion: 43 Resp: 2851
Ion Ratio Lower Upper
43 100
58 34.9 28.1 42.1



#52
Toluene
Concen: 5.911 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.005 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

Tgt Ion: 92 Resp: 20023
Ion Ratio Lower Upper
92 100
91 166.5 142.6 213.8

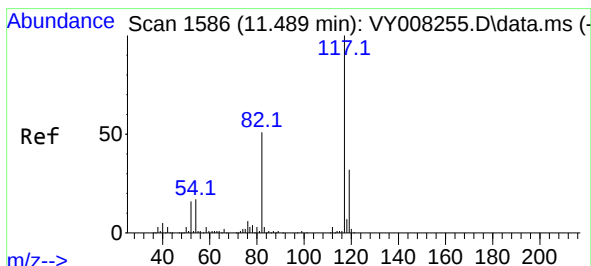
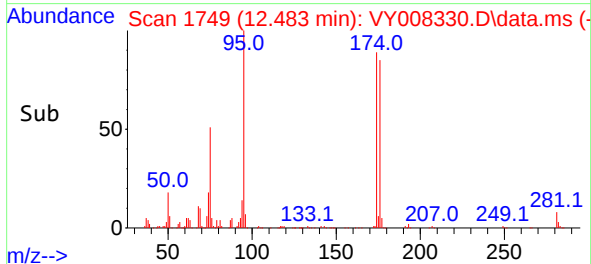
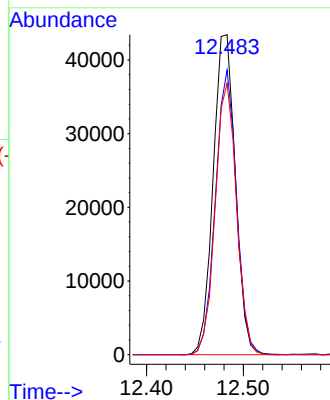
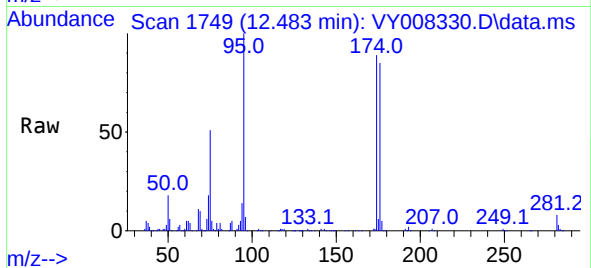




#62
4-Bromofluorobenzene
Concen: 49.765 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

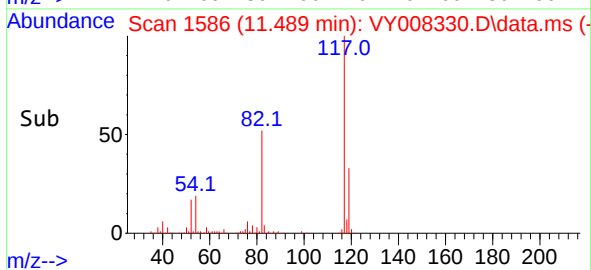
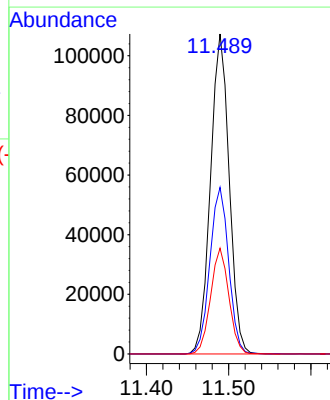
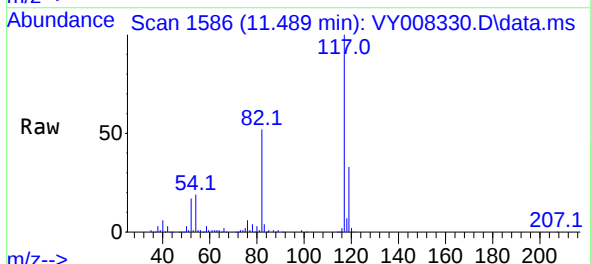
Instrument :
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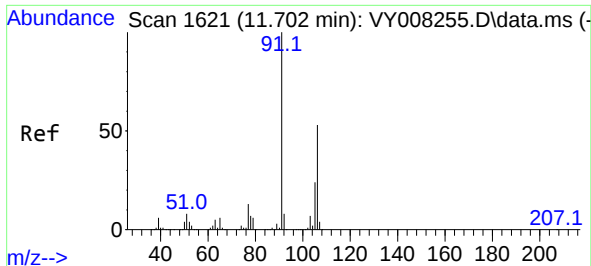
Tgt Ion:	95	Resp:	69250
Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	177.0
176	81.2	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

Tgt Ion:	117	Resp:	169252
Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.0	64.4
119	33.1	25.4	38.0

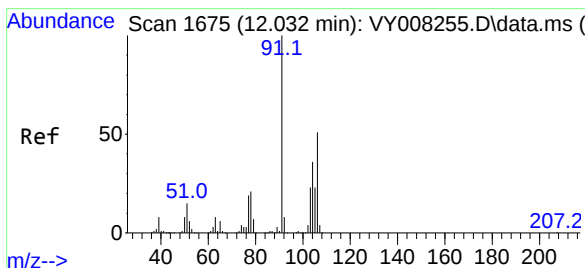
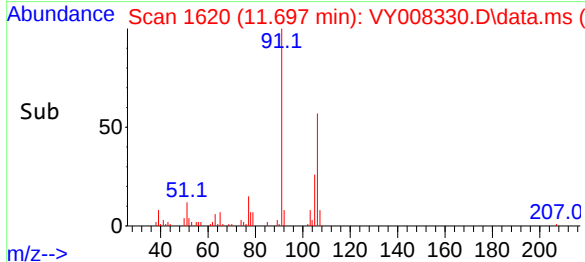
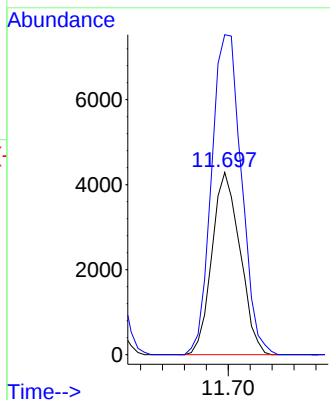
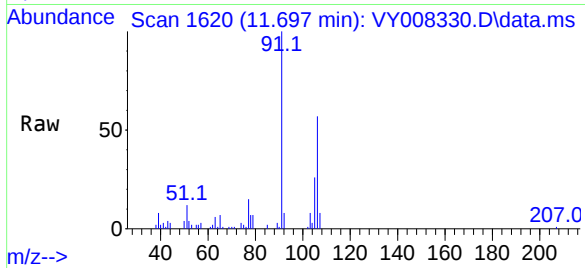




#68
m/p-Xylenes
Concen: 3.081 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.005 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

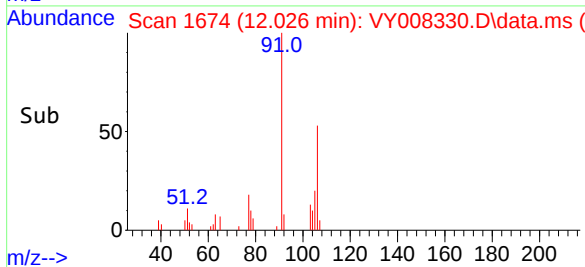
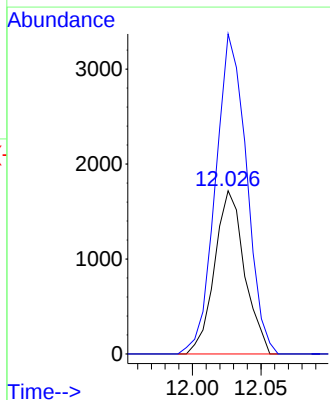
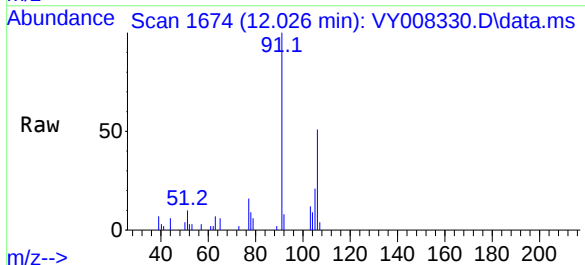
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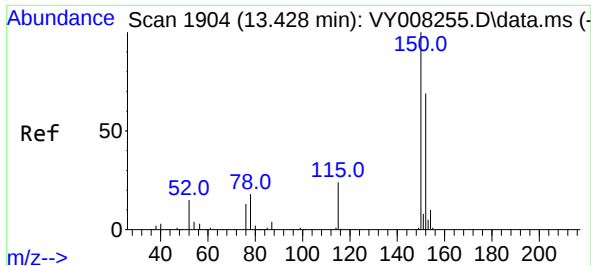
Tgt Ion:106 Resp: 7648
Ion Ratio Lower Upper
106 100
91 186.8 166.6 249.8



#69
o-Xylene
Concen: 1.086 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

Tgt Ion:106 Resp: 2615
Ion Ratio Lower Upper
106 100
91 203.1 110.3 331.0

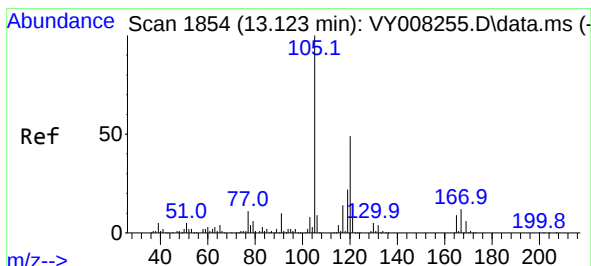
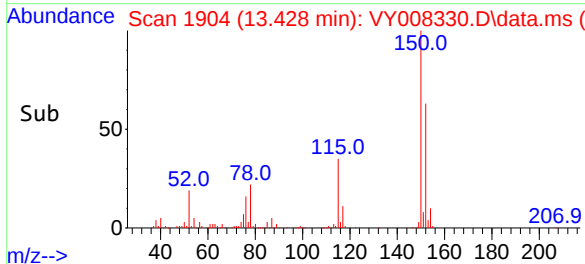
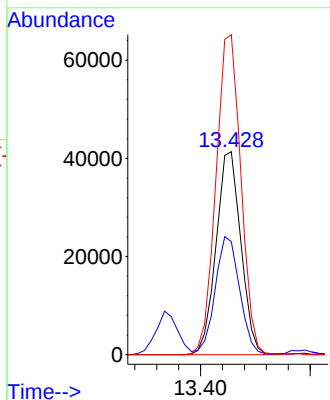
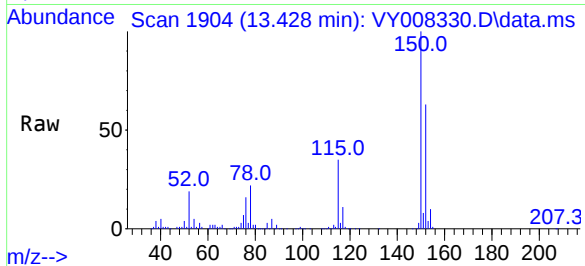




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

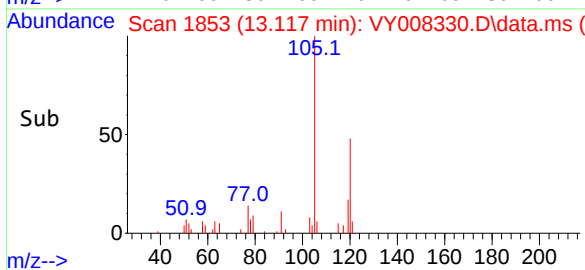
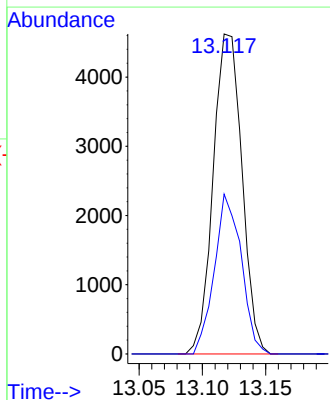
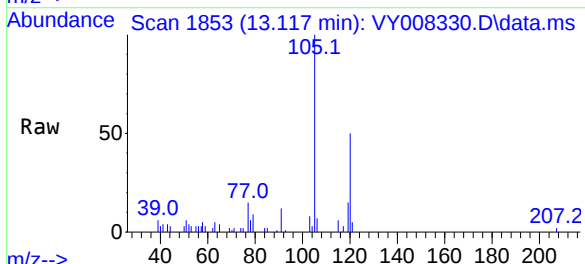
Instrument :
MSVOA_Y
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D2460-D2462

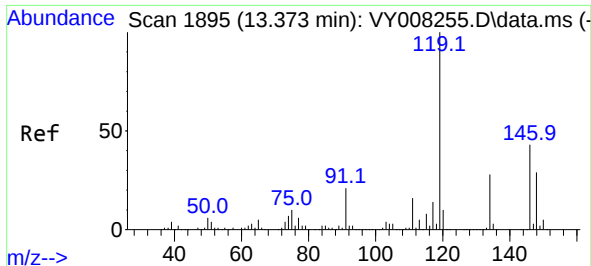
Tgt Ion:152 Resp: 65029
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 158.5 0.0 347.6



#84
1,2,4-Trimethylbenzene
Concen: 1.864 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

Tgt Ion:105 Resp: 7313
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9

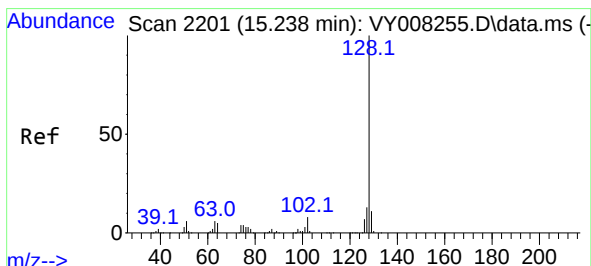
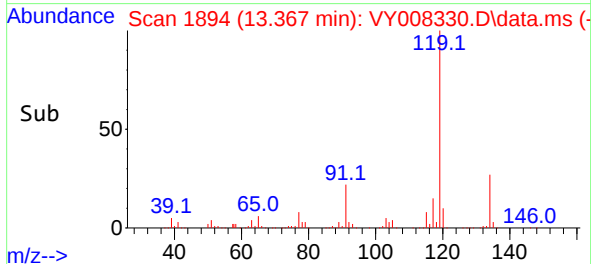
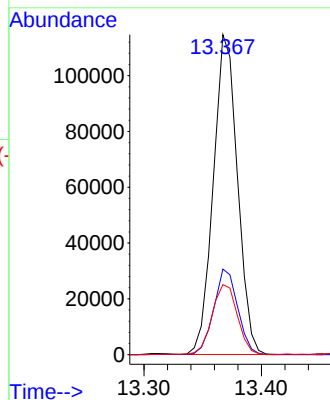
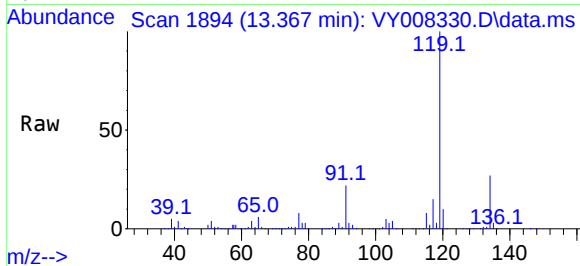




#86
p-Isopropyltoluene
Concen: 37.222 ug/l
RT: 13.367 min Scan# 119
Delta R.T. -0.006 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
D2460-D2462

Tgt Ion:119 Resp: 163778
Ion Ratio Lower Upper
119 100
134 26.5 13.2 39.5
91 23.2 12.4 37.2



#95
Naphthalene
Concen: 1.932 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.005 min
Lab File: VY008330.D
Acq: 14 Apr 2022 16:13

Tgt Ion:128 Resp: 5111
Ion Ratio Lower Upper
128 100
127 23.9 11.0 16.4#
129 13.7 8.4 12.6#

