

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007189.D
 Acq On : 17 Jan 2022 16:01
 Operator : SY/MD
 Sample : N1145-05
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A3-5-8.5

Quant Time: Jan 18 03:09:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

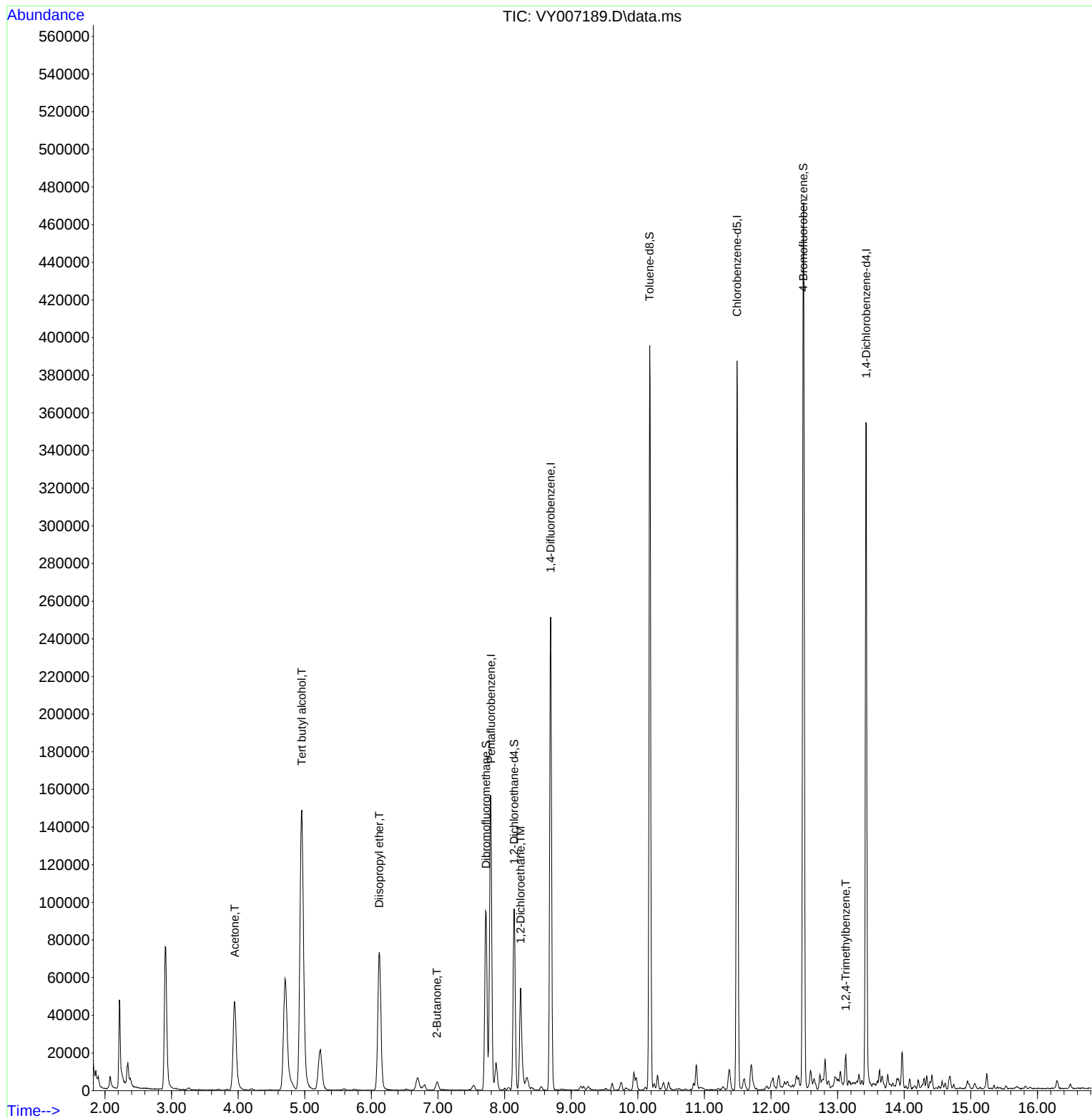
Internal Standards						
1) Pentafluorobenzene	7.795	168	113187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	193232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78409	56.457	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.920%			
35) Dibromofluoromethane	7.722	113	69022	49.025	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.060%			
50) Toluene-d8	10.179	98	256846	49.928	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.860%			
62) 4-Bromofluorobenzene	12.483	95	94300	51.533	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.060%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	334450	2874.806	ug/l	99
16) Acetone	3.948	43	51980	144.215	ug/l #	82
22) Diisopropyl ether	6.119	45	101459	24.387	ug/l	94
25) 2-Butanone	6.984	43	5025	10.783	ug/l	98
42) 1,2-Dichloroethane	8.240	62	28776	15.235	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	8860	1.532	ug/l	97

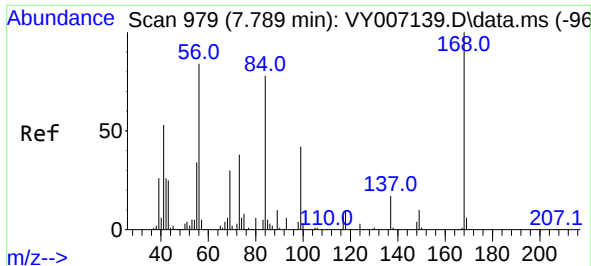
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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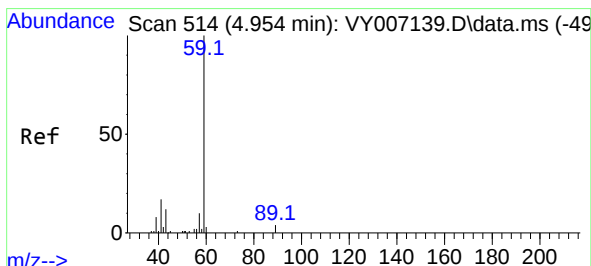
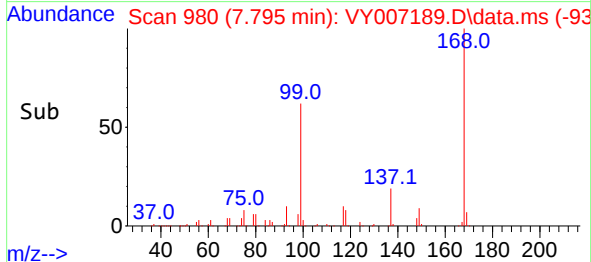
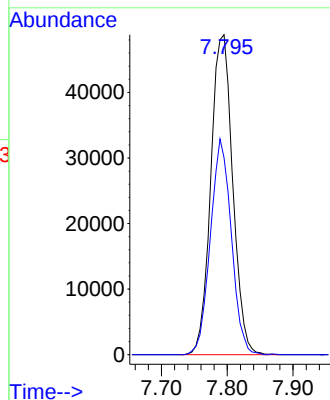
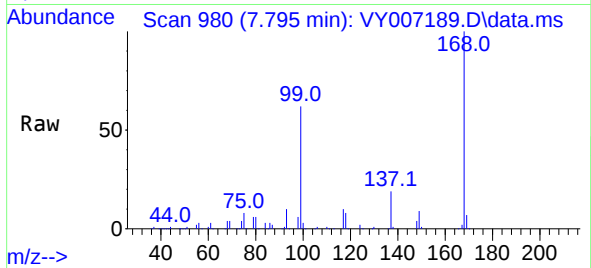




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007189.D
Acq: 17 Jan 2022 16:01

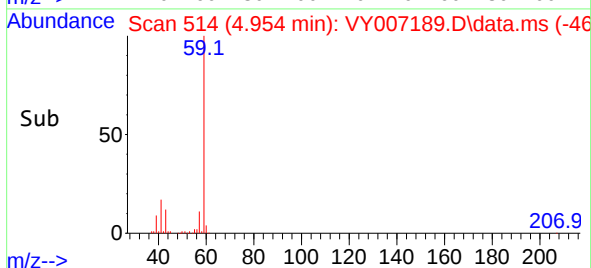
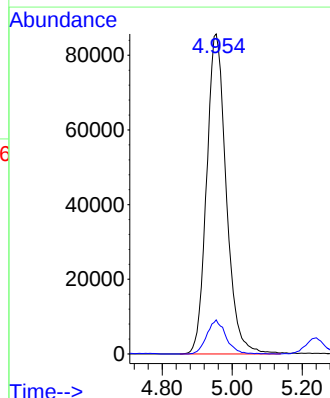
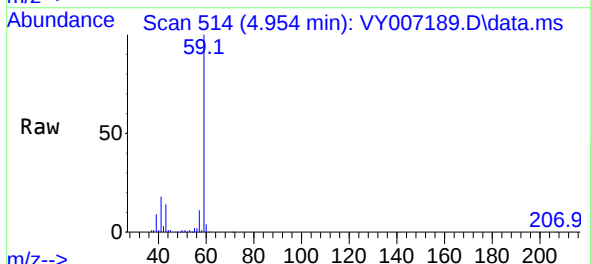
Instrument :
MSVOA_Y
ClientSampleId :
A3-5-8.5

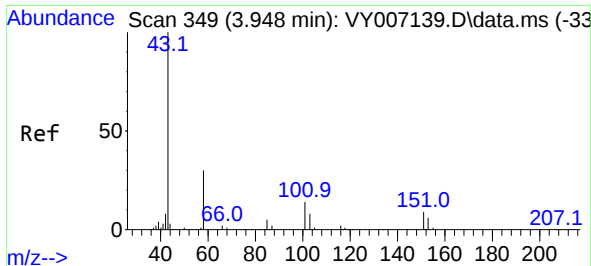
Tgt Ion:168 Resp: 113187
Ion Ratio Lower Upper
168 100
99 61.5 49.1 73.7



#11
Tert butyl alcohol
Concen: 2874.806 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY007189.D
Acq: 17 Jan 2022 16:01

Tgt Ion: 59 Resp: 334450
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

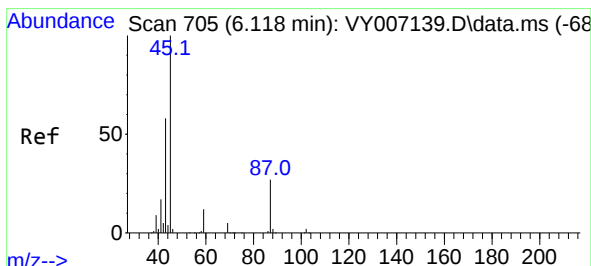
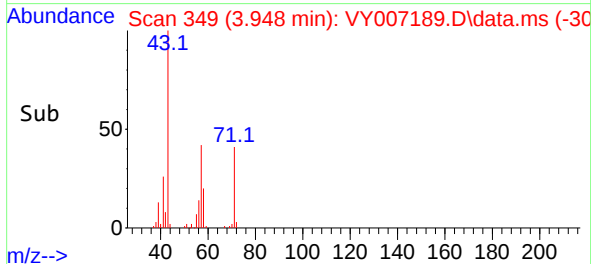
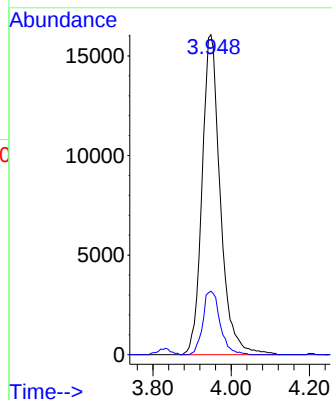
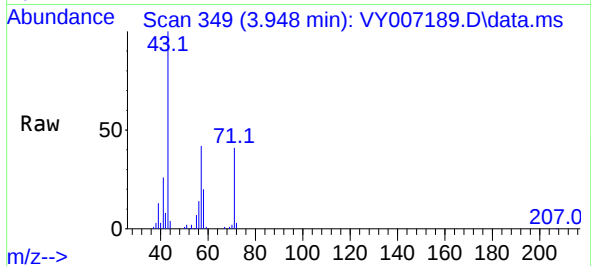




#16
Acetone
Concen: 144.215 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007189.D
Acq: 17 Jan 2022 16:01

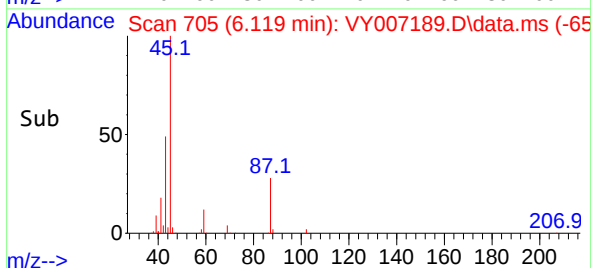
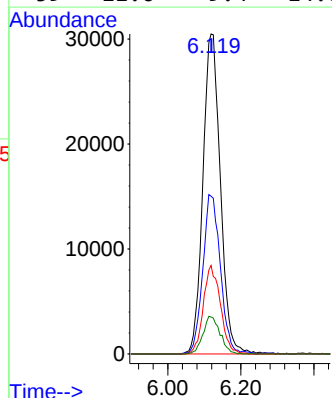
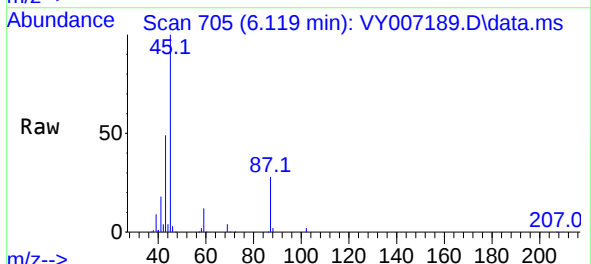
Instrument :
MSVOA_Y
ClientSampleId :
A3-5-8.5

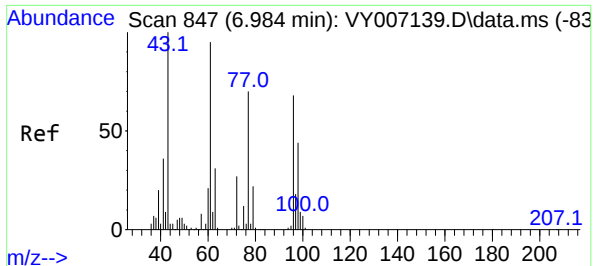
Tgt Ion: 43 Resp: 51980
Ion Ratio Lower Upper
43 100
58 19.9 23.8 35.6#



#22
Diisopropyl ether
Concen: 24.387 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY007189.D
Acq: 17 Jan 2022 16:01

Tgt Ion: 45 Resp: 101459
Ion Ratio Lower Upper
45 100
43 49.3 45.6 68.4
87 27.6 22.2 33.2
59 11.6 9.4 14.0

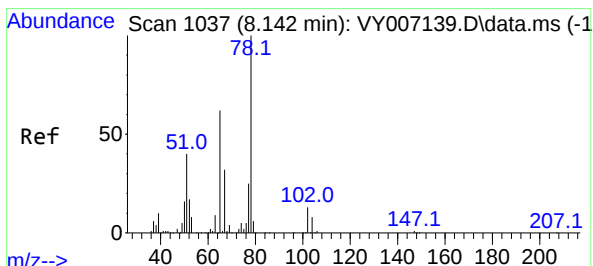
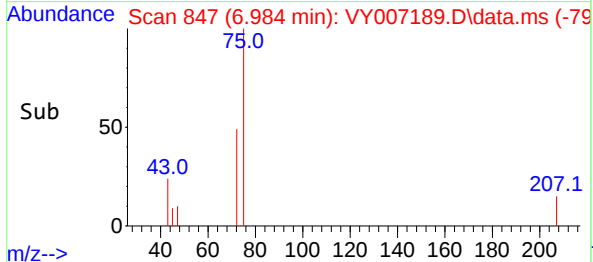
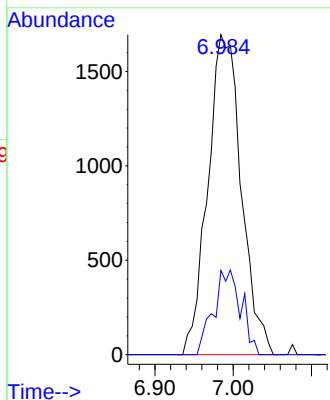
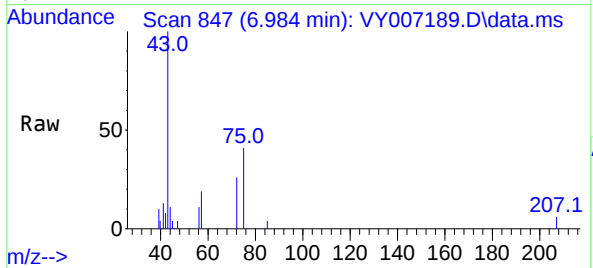




#25
2-Butanone
Concen: 10.783 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007189.D
Acq: 17 Jan 2022 16:01

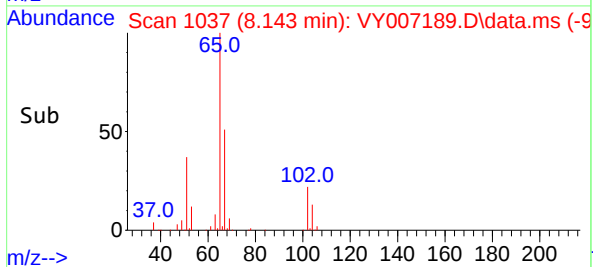
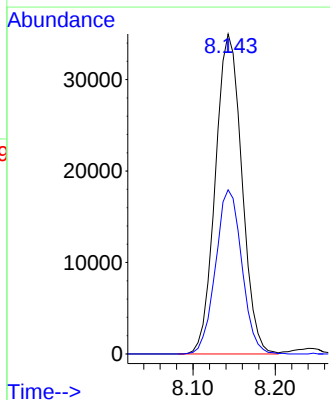
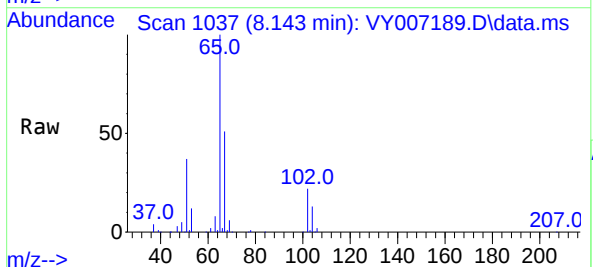
Instrument :
MSVOA_Y
ClientSampleId :
A3-5-8.5

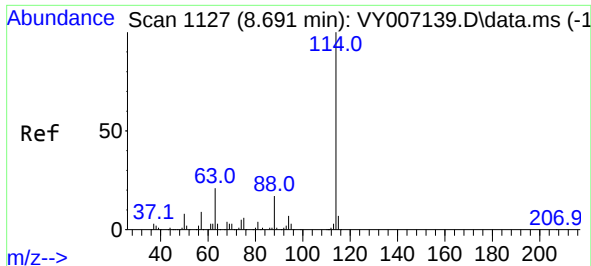
Tgt Ion: 43 Resp: 5025
Ion Ratio Lower Upper
43 100
72 26.3 21.9 32.9



#33
1,2-Dichloroethane-d4
Concen: 56.457 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007189.D
Acq: 17 Jan 2022 16:01

Tgt Ion: 65 Resp: 78409
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.6

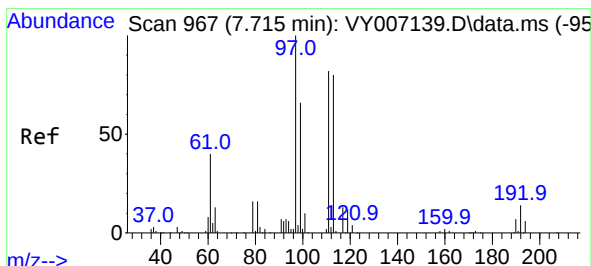
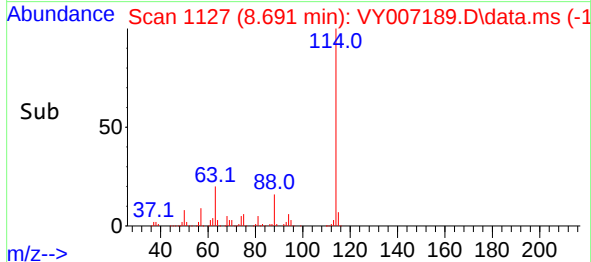
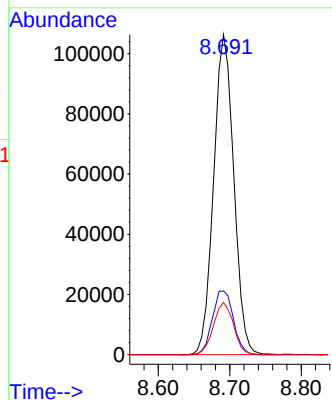
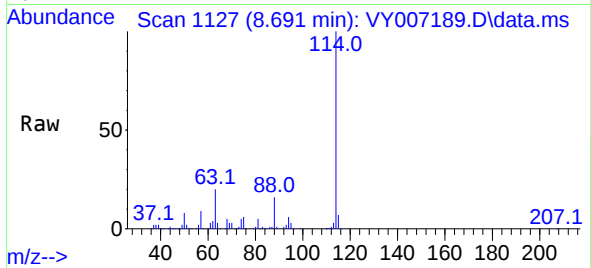




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007189.D
Acq: 17 Jan 2022 16:01

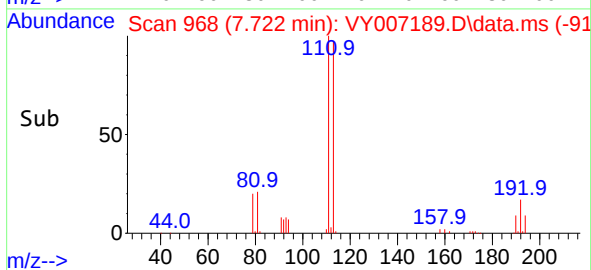
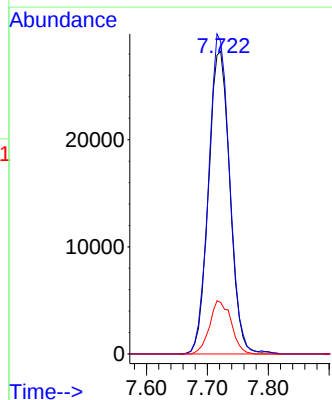
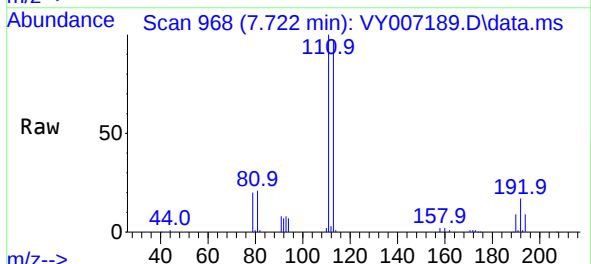
Instrument :
MSVOA_Y
ClientSampleId :
A3-5-8.5

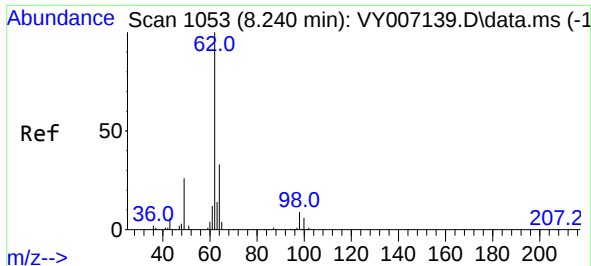
Tgt Ion:	114	Resp:	208209
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.2
88	16.3	0.0	31.0



#35
Dibromofluoromethane
Concen: 49.025 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007189.D
Acq: 17 Jan 2022 16:01

Tgt Ion:	113	Resp:	69022
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.4
192	17.7	14.2	21.4





#42

1,2-Dichloroethane

Concen: 15.235 ug/l

RT: 8.240 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VY007189.D

Acq: 17 Jan 2022 16:01

Instrument :

MSVOA_Y

ClientSampleId :

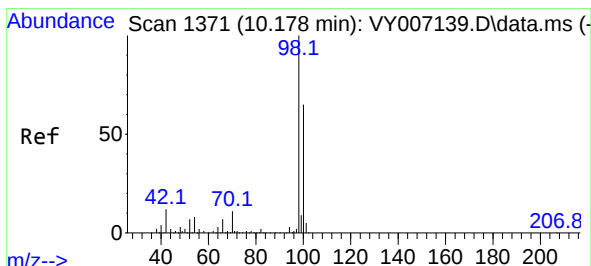
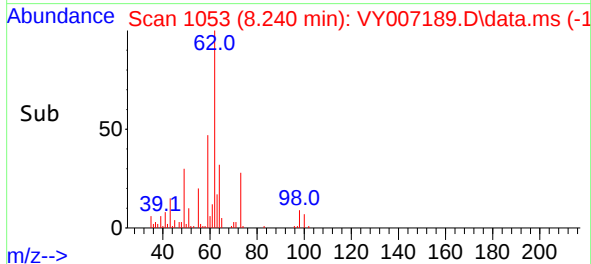
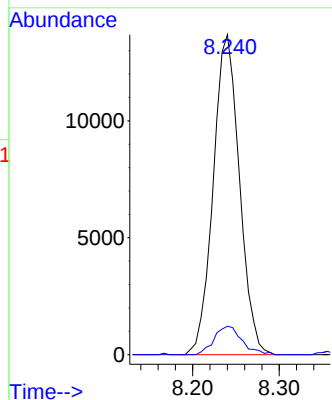
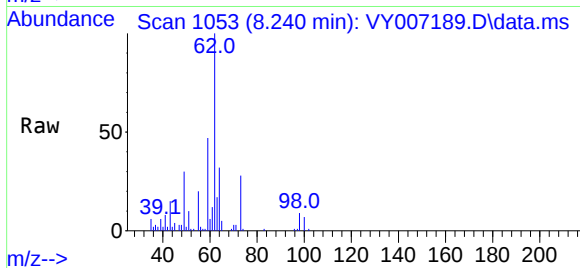
A3-5-8.5

Tgt Ion: 62 Resp: 28776

Ion Ratio Lower Upper

62 100

98 9.4 0.0 19.2



#50

Toluene-d8

Concen: 49.928 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY007189.D

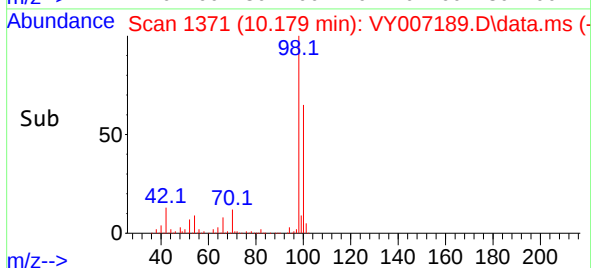
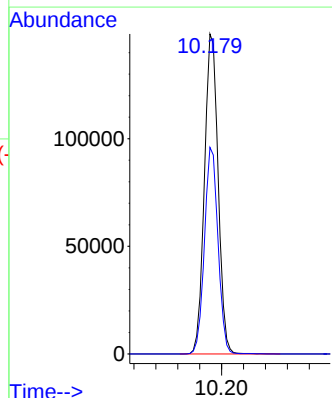
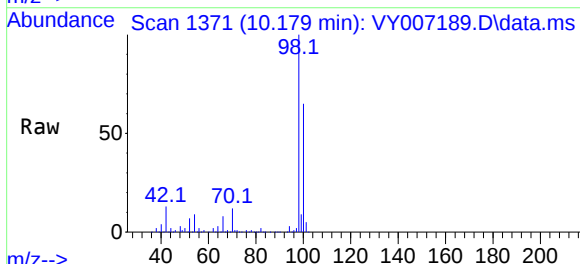
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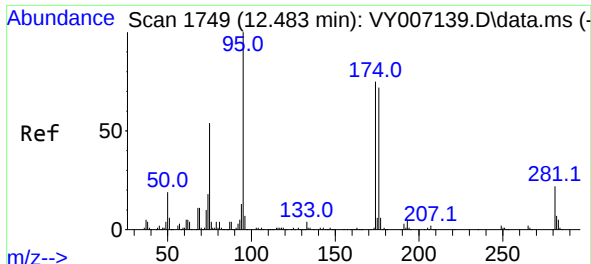
Tgt Ion: 98 Resp: 256846

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.2

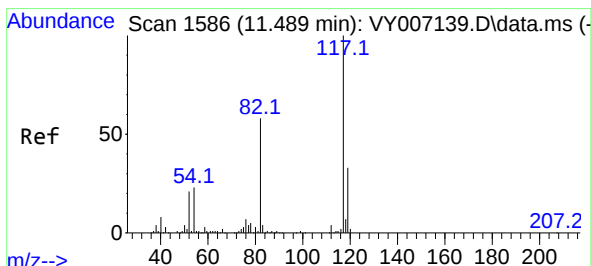
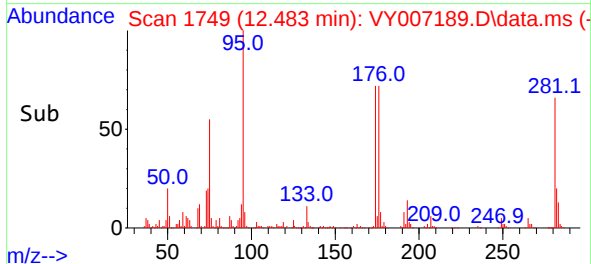
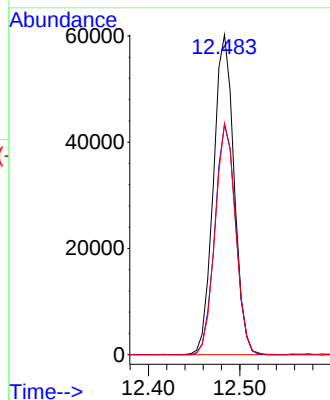
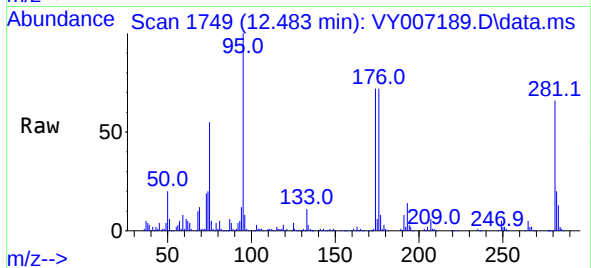




#62
4-Bromofluorobenzene
Concen: 51.533 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007189.D
Acq: 17 Jan 2022 16:01

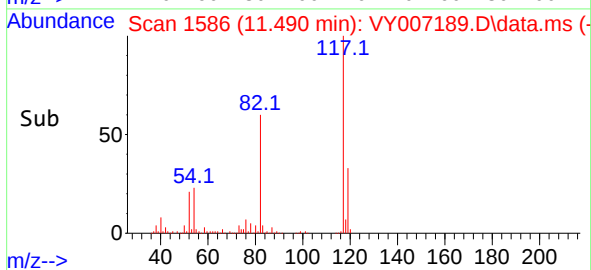
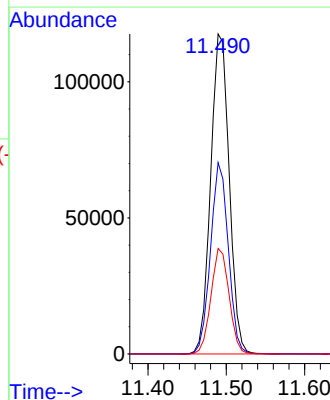
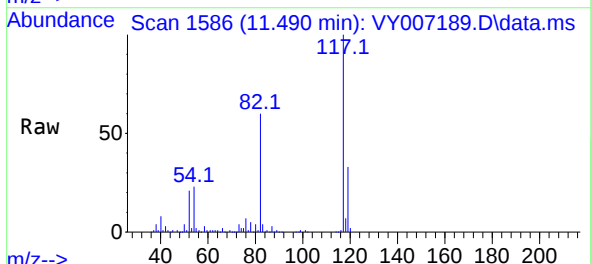
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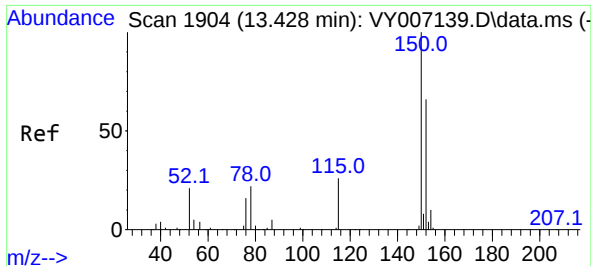
Tgt Ion: 95 Resp: 94300
Ion Ratio Lower Upper
95 100
174 72.5 0.0 148.4
176 71.8 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007189.D
Acq: 17 Jan 2022 16:01

Tgt Ion: 117 Resp: 193232
Ion Ratio Lower Upper
117 100
82 59.8 45.4 68.0
119 33.0 26.4 39.6

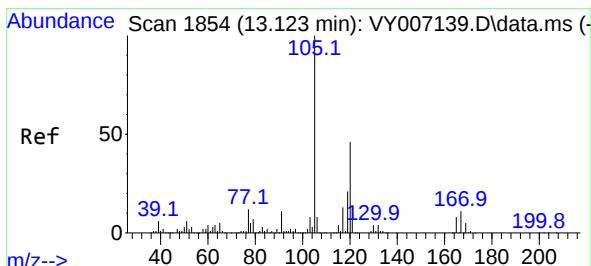
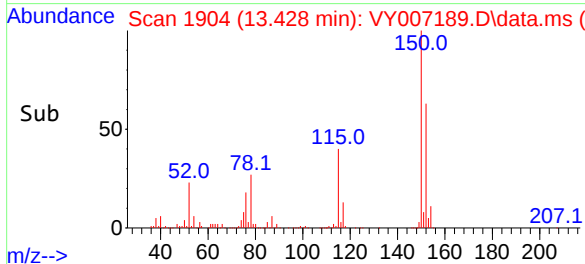
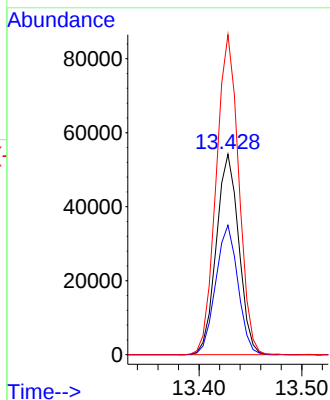
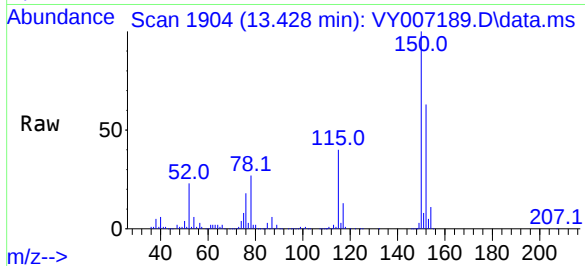




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007189.D
Acq: 17 Jan 2022 16:01

Instrument :
MSVOA_Y
ClientSampleId :
A3-5-8.5

Tgt Ion:152 Resp: 82276
Ion Ratio Lower Upper
152 100
115 64.2 31.4 94.0
150 159.9 0.0 348.4



#84
1,2,4-Trimethylbenzene
Concen: 1.532 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007189.D
Acq: 17 Jan 2022 16:01

Tgt Ion:105 Resp: 8860
Ion Ratio Lower Upper
105 100
120 41.4 21.6 64.6

