

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007034.D
 Acq On : 06 Jan 2022 15:54
 Operator : SY/MD
 Sample : N1016-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3

Quant Time: Jan 07 11:48:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

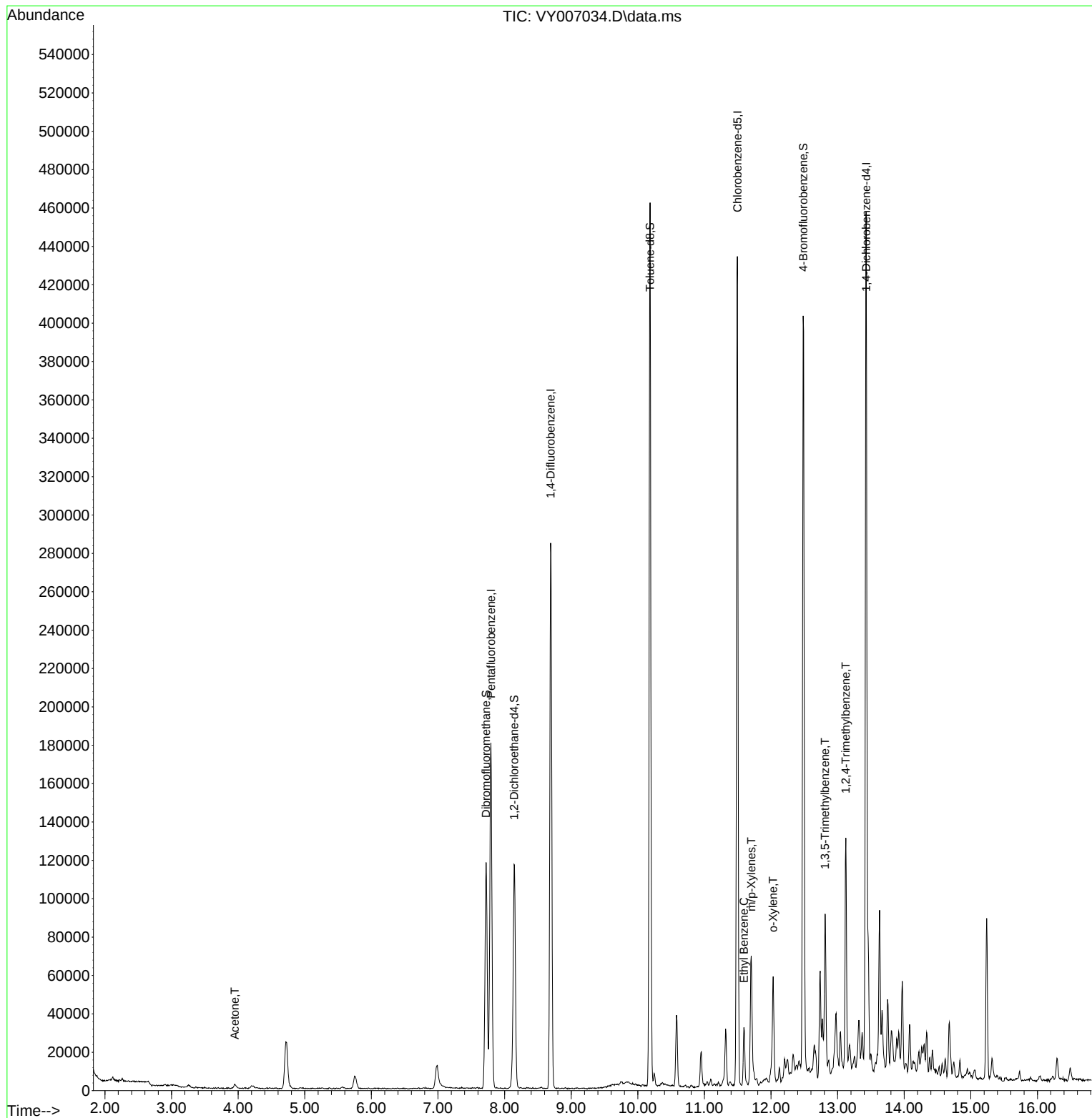
Internal Standards						
1) Pentafluorobenzene	7.795	168	134215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	252155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	239540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	91038	57.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.920%	
35) Dibromofluoromethane	7.722	113	86282	52.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.100%	
50) Toluene-d8	10.185	98	307075	49.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	12.483	95	118209	50.967	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3666	10.503	ug/l #	80
67) Ethyl Benzene	11.593	91	22079	2.200	ug/l	99
68) m/p-Xylenes	11.703	106	19259	5.040	ug/l	98
69) o-Xylene	12.032	106	13435	3.749	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	29183	3.558	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	65962	8.174	ug/l	98

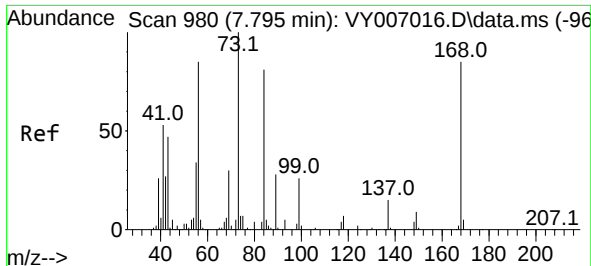
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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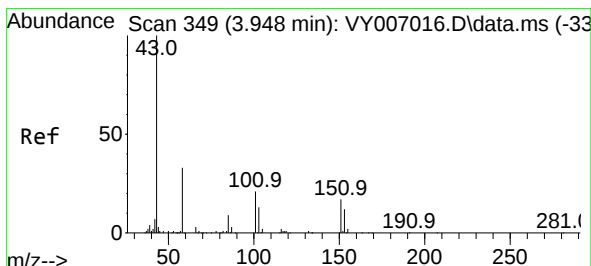
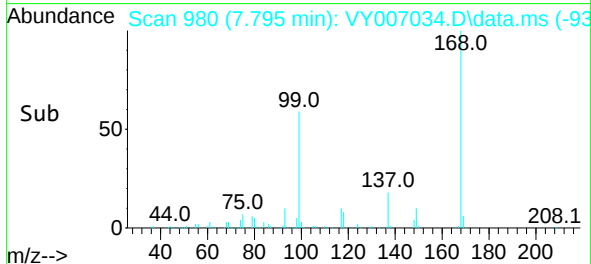
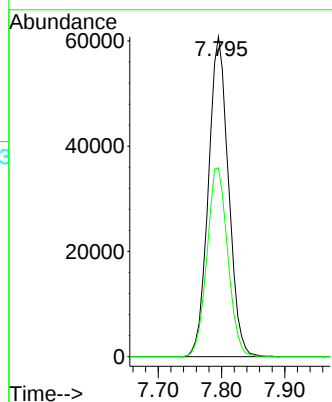
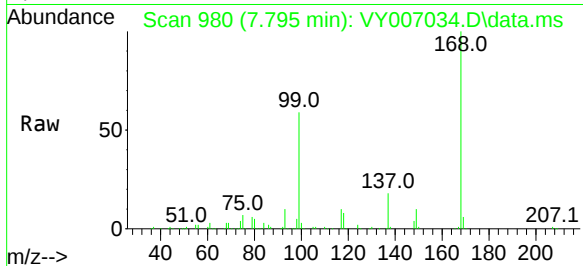




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007034.D
Acq: 06 Jan 2022 15:54

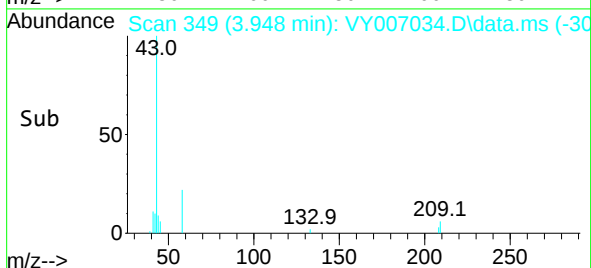
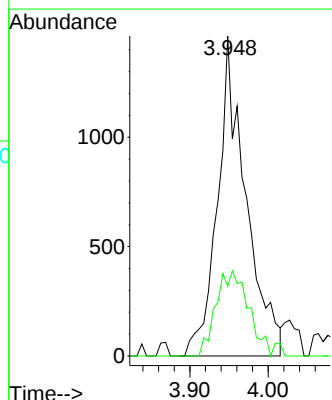
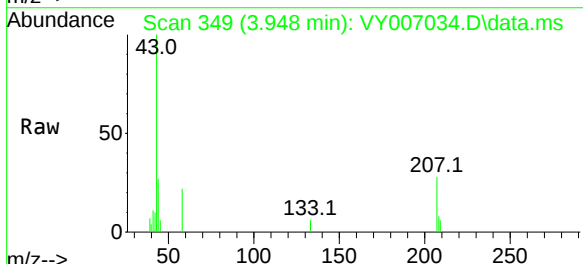
Instrument :
MSVOA_Y
ClientSampleId :
E3

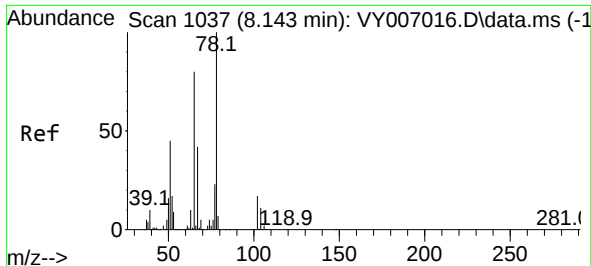
Tgt Ion:168 Resp: 134215
Ion Ratio Lower Upper
168 100
99 59.0 48.9 73.3



#16
Acetone
Concen: 10.503 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007034.D
Acq: 06 Jan 2022 15:54

Tgt Ion: 43 Resp: 3666
Ion Ratio Lower Upper
43 100
58 21.7 26.3 39.5#





#33

1,2-Dichloroethane-d4

Concen: 57.463 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007034.D

Acq: 06 Jan 2022 15:54

Instrument :

MSVOA_Y

ClientSampleId :

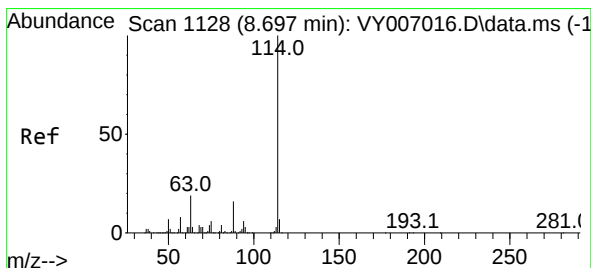
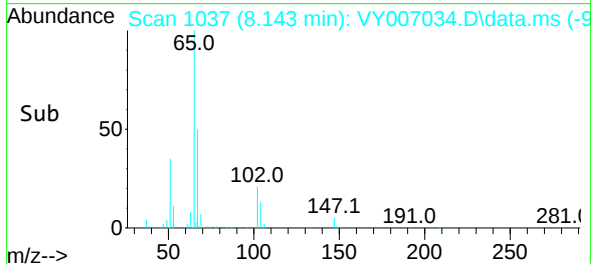
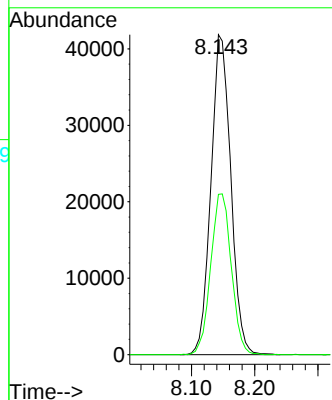
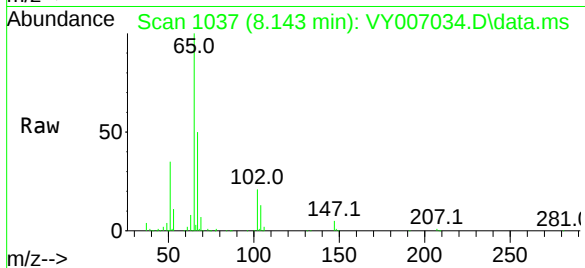
E3

Tgt Ion: 65 Resp: 91038

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007034.D

Acq: 06 Jan 2022 15:54

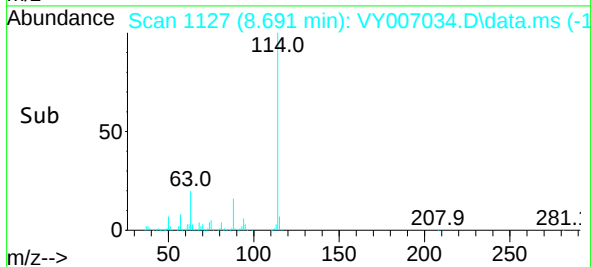
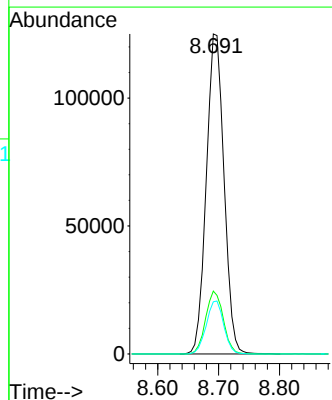
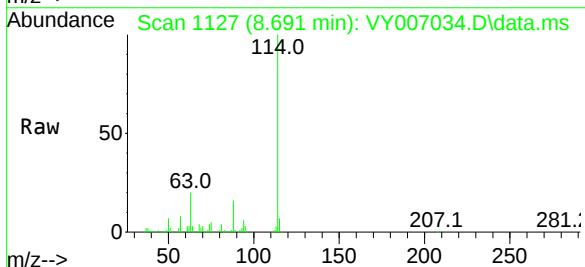
Tgt Ion: 114 Resp: 252155

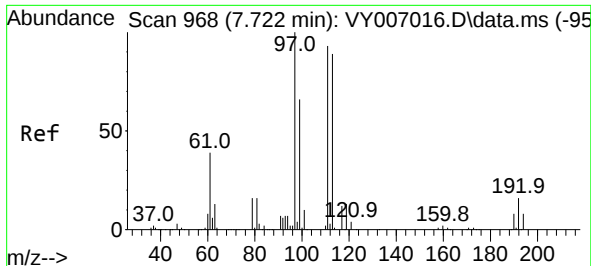
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.6

88 16.3 0.0 31.8

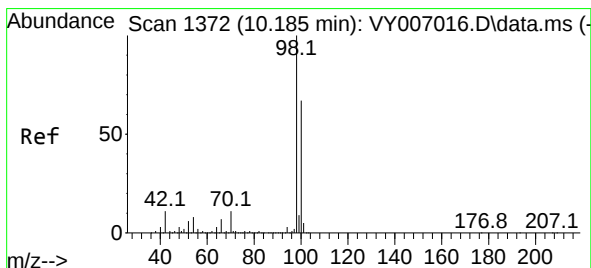
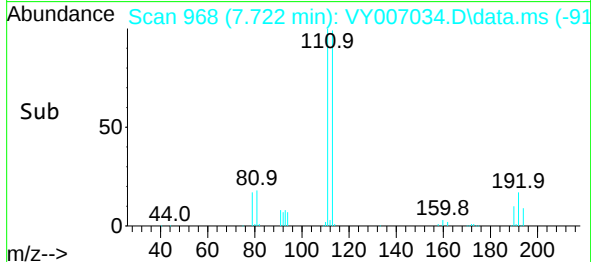
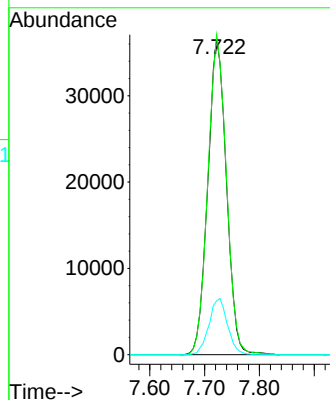
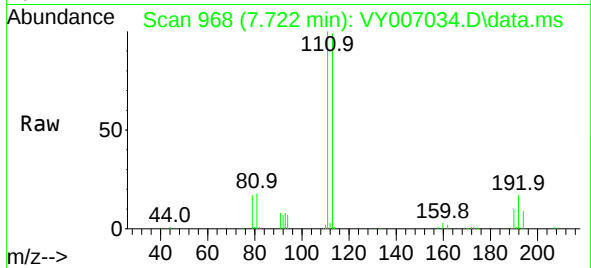




#35
Dibromofluoromethane
Concen: 52.055 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007034.D
Acq: 06 Jan 2022 15:54

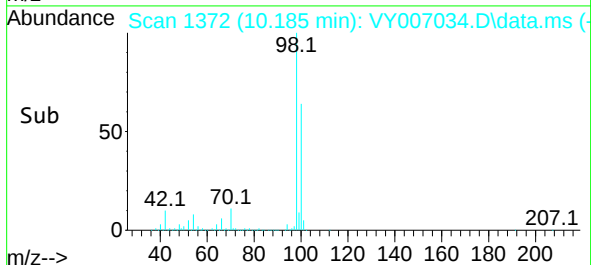
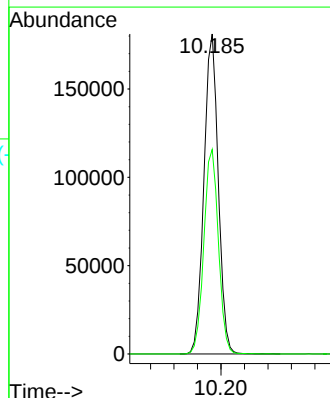
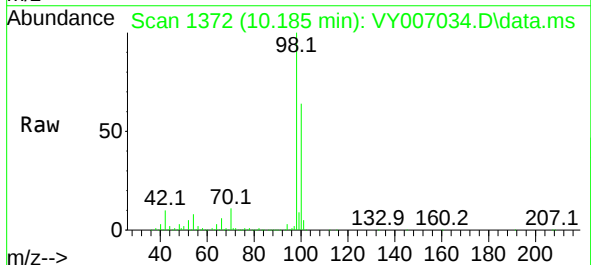
Instrument :
MSVOA_Y
ClientSampleId :
E3

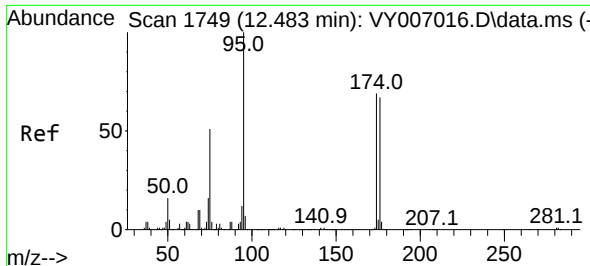
Tgt Ion:113 Resp: 86282
Ion Ratio Lower Upper
113 100
111 100.6 81.9 122.9
192 17.7 14.6 21.8



#50
Toluene-d8
Concen: 49.862 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007034.D
Acq: 06 Jan 2022 15:54

Tgt Ion: 98 Resp: 307075
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2

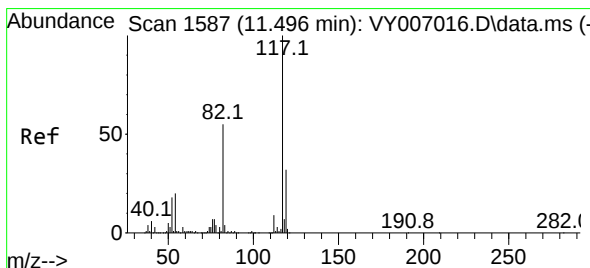
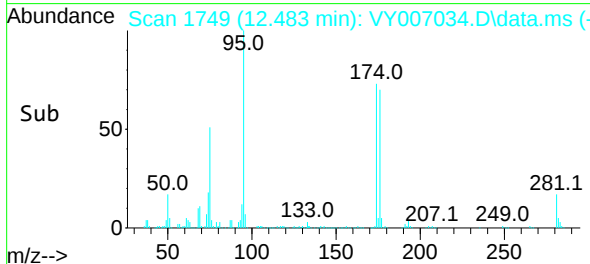
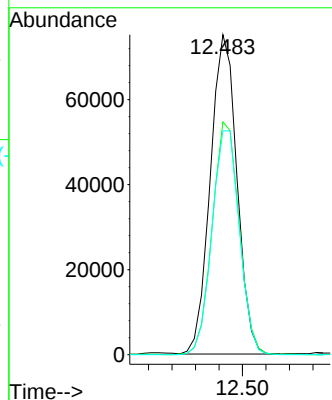
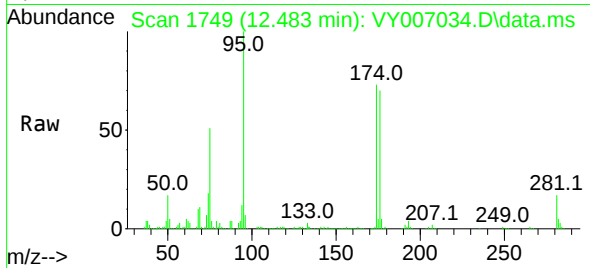




#62
4-Bromofluorobenzene
Concen: 50.967 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007034.D
Acq: 06 Jan 2022 15:54

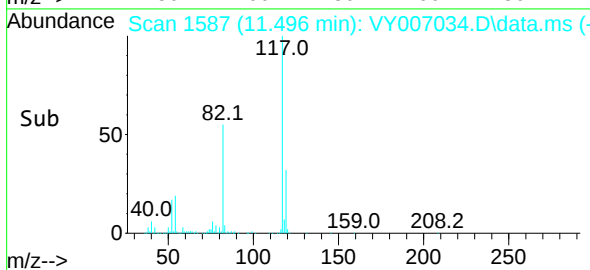
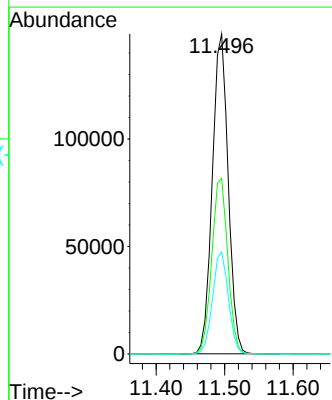
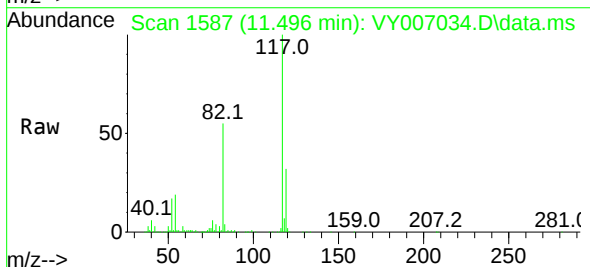
Instrument :
MSVOA_Y
ClientSampleId :
E3

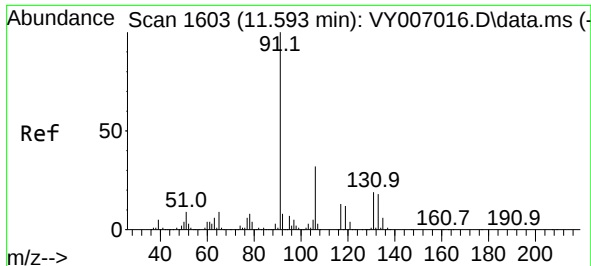
Tgt Ion: 95 Resp: 118209
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.6
176 72.2 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007034.D
Acq: 06 Jan 2022 15:54

Tgt Ion: 117 Resp: 239540
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 31.8 25.3 37.9

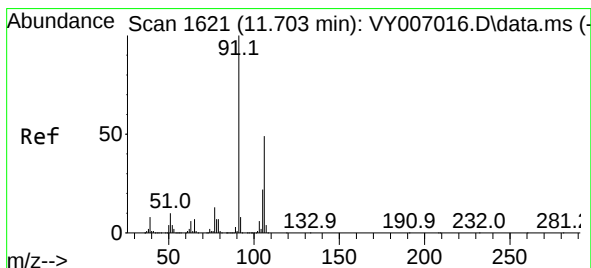
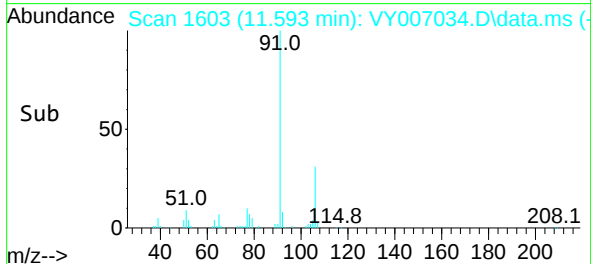
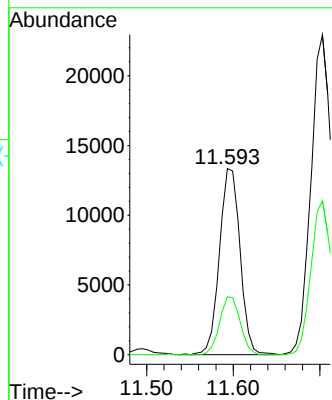
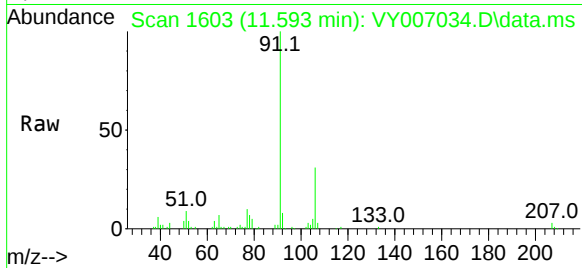




#67
Ethyl Benzene
Concen: 2.200 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007034.D
Acq: 06 Jan 2022 15:54

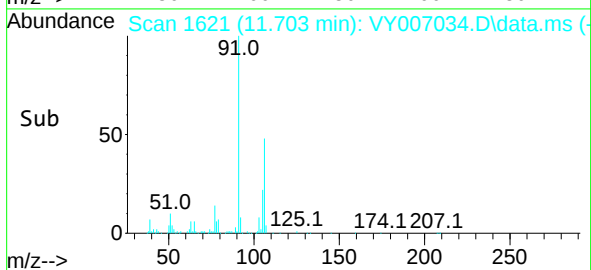
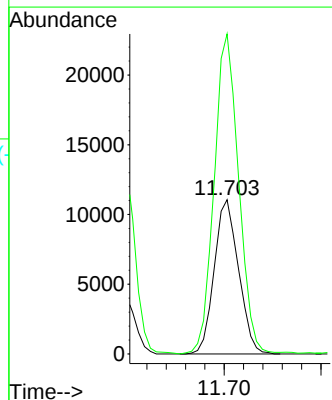
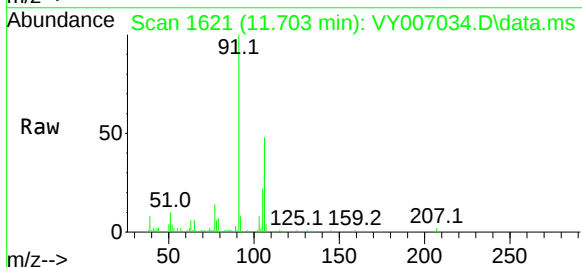
Instrument :
MSVOA_Y
ClientSampleId :
E3

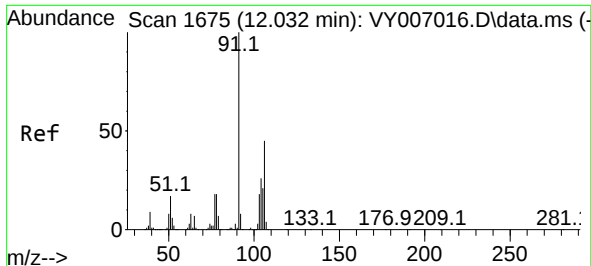
Tgt Ion: 91 Resp: 22079
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8



#68
m/p-Xylenes
Concen: 5.040 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007034.D
Acq: 06 Jan 2022 15:54

Tgt Ion: 106 Resp: 19259
Ion Ratio Lower Upper
106 100
91 209.9 165.3 247.9

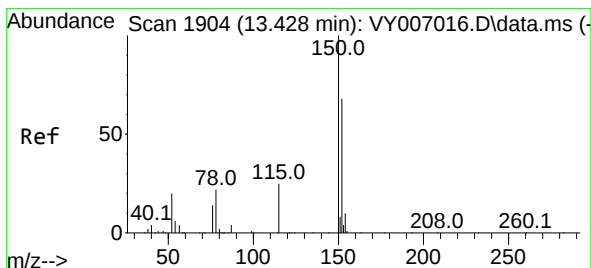
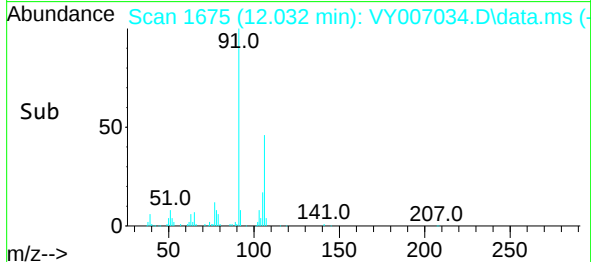
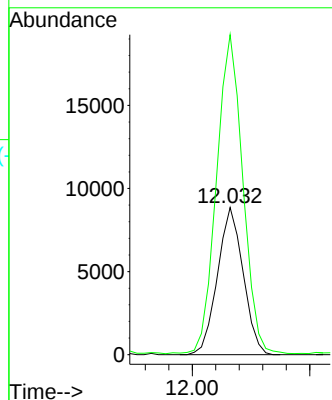
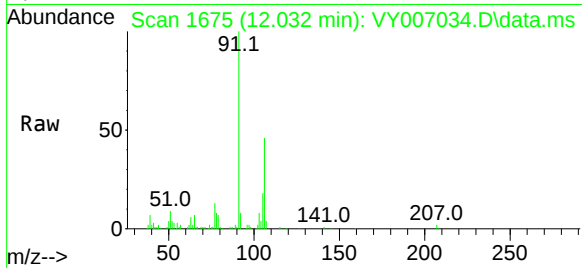




#69
o-Xylene
Concen: 3.749 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007034.D
Acq: 06 Jan 2022 15:54

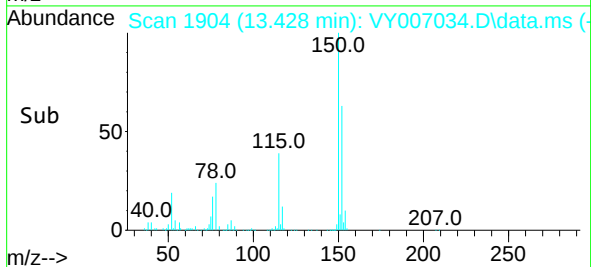
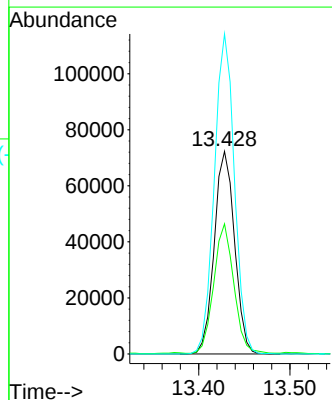
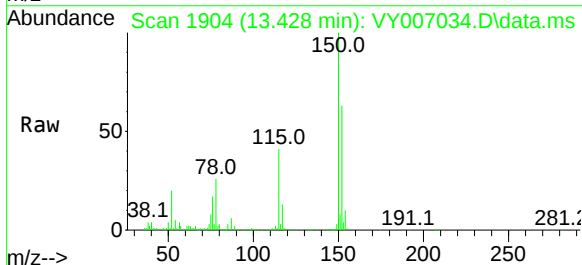
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ClientSampleId :
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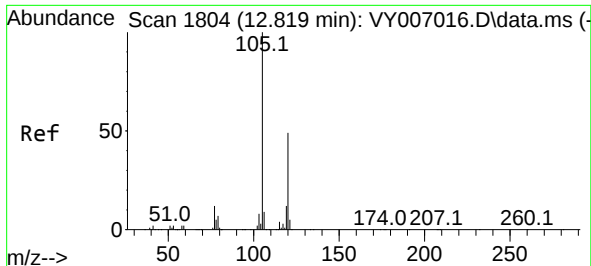
Tgt Ion:106 Resp: 13435
Ion Ratio Lower Upper
106 100
91 221.5 108.3 324.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007034.D
Acq: 06 Jan 2022 15:54

Tgt Ion:152 Resp: 111695
Ion Ratio Lower Upper
152 100
115 63.0 31.9 95.5
150 156.2 0.0 358.0





#80

1,3,5-Trimethylbenzene

Concen: 3.558 ug/l

RT: 12.813 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VY007034.D

Acq: 06 Jan 2022 15:54

Instrument :

MSVOA_Y

ClientSampleId :

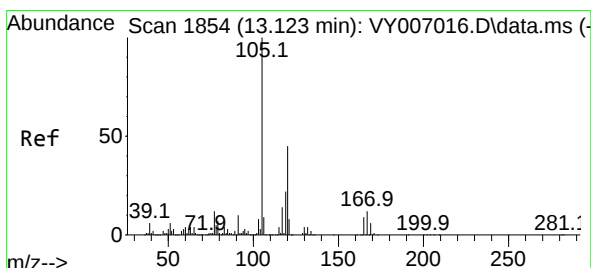
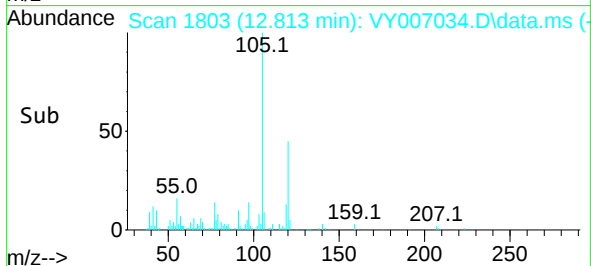
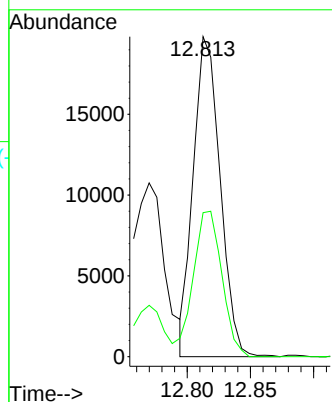
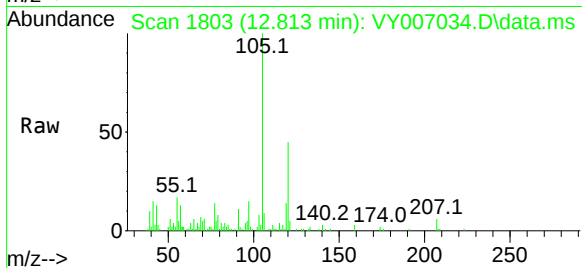
E3

Tgt Ion:105 Resp: 29183

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2



#84

1,2,4-Trimethylbenzene

Concen: 8.174 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY007034.D

Acq: 06 Jan 2022 15:54

Tgt Ion:105 Resp: 65962

Ion Ratio Lower Upper

105 100

120 42.9 22.1 66.5

