

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007321.D
 Acq On : 28 Jan 2022 15:22
 Operator : SY/MD
 Sample : N1309-03
 Misc : 4.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(3)

Quant Time: Jan 31 00:30:39 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)

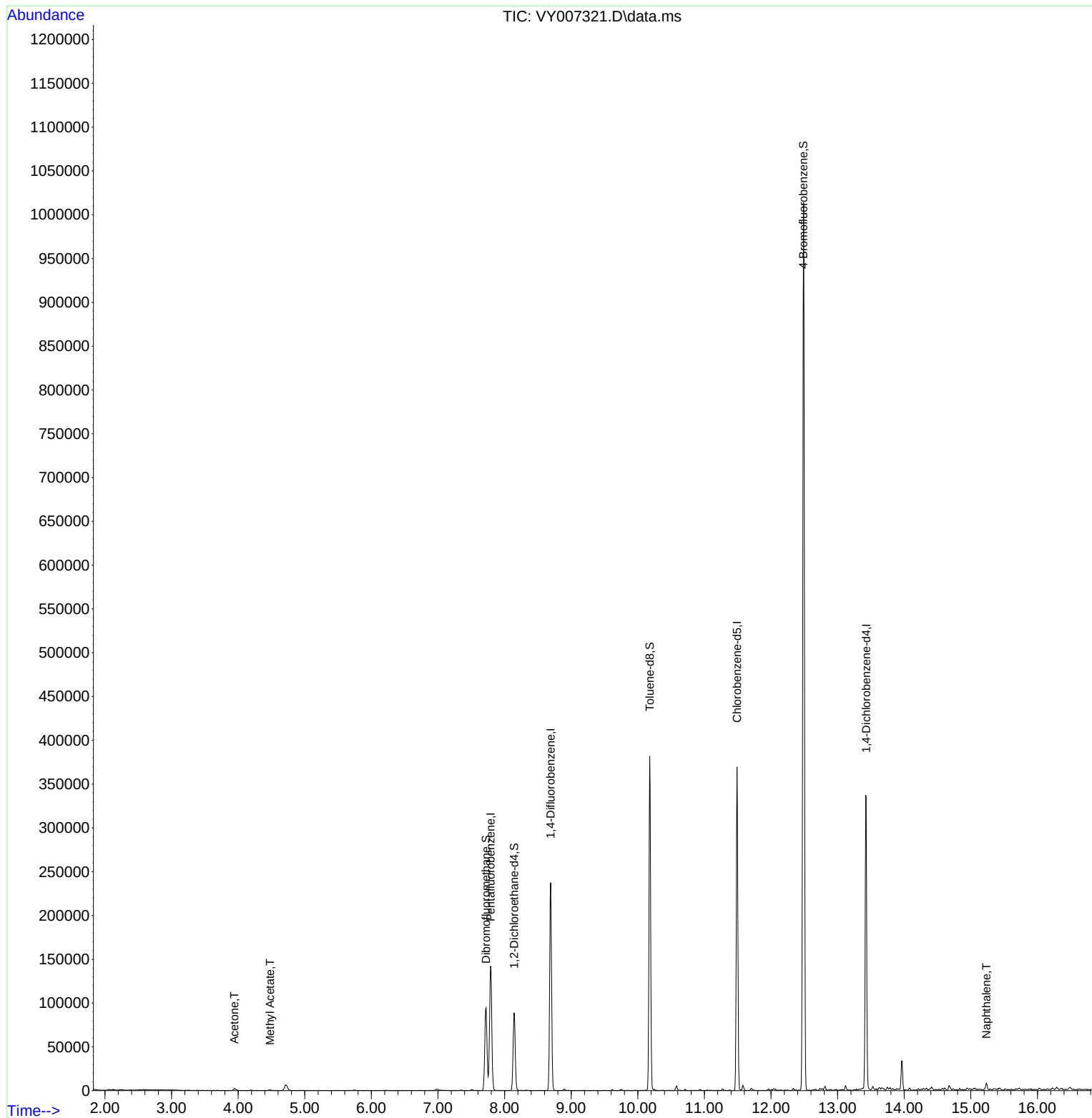
Internal Standards						
1) Pentafluorobenzene	7.789	168	107384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70092	53.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.400%	
35) Dibromofluoromethane	7.722	113	66137	48.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.940%	
50) Toluene-d8	10.179	98	247261	50.105	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	12.483	95	90096	51.325	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.640%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	4121	12.051	ug/l	97
18) Methyl Acetate	4.478	43	1406	1.156	ug/l #	85
95) Naphthalene	15.233	128	6106	1.740	ug/l	98

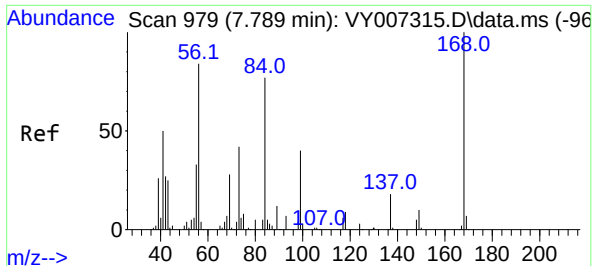
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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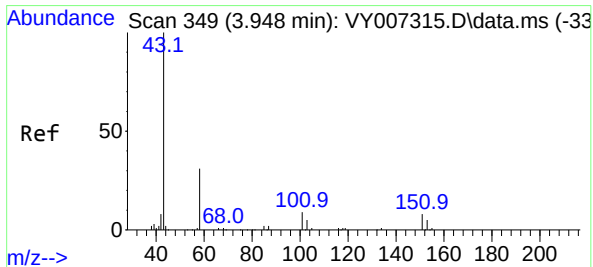
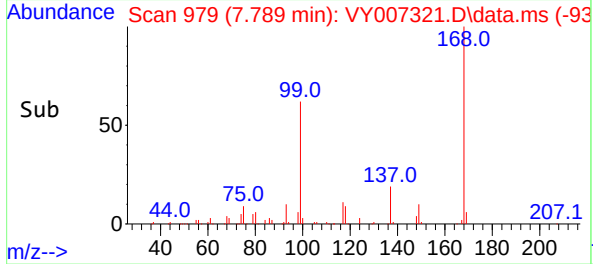
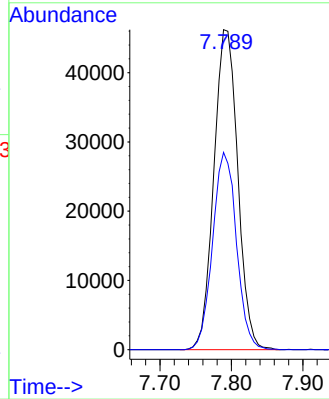
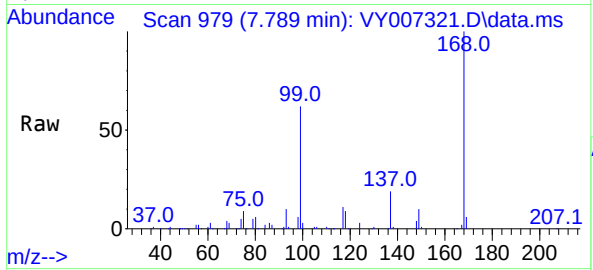




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007321.D
Acq: 28 Jan 2022 15:22

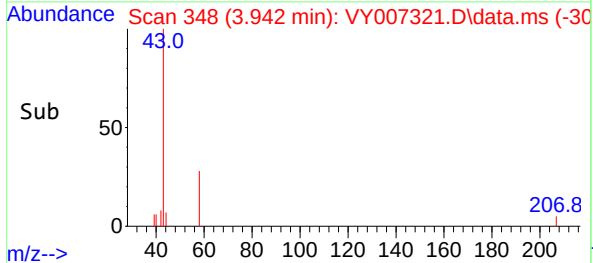
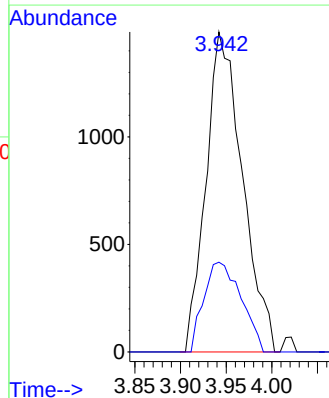
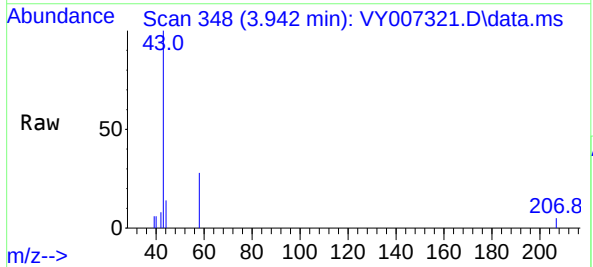
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(3)

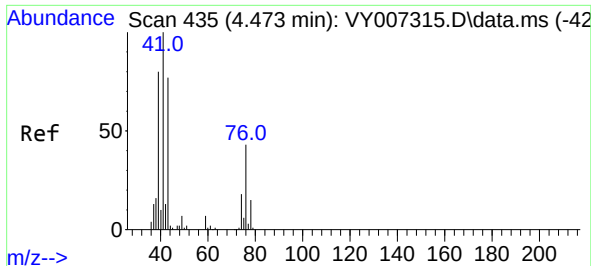
Tgt Ion:168 Resp: 107384
Ion Ratio Lower Upper
168 100
99 61.7 49.1 73.7



#16
Acetone
Concen: 12.051 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007321.D
Acq: 28 Jan 2022 15:22

Tgt Ion: 43 Resp: 4121
Ion Ratio Lower Upper
43 100
58 28.0 23.8 35.6

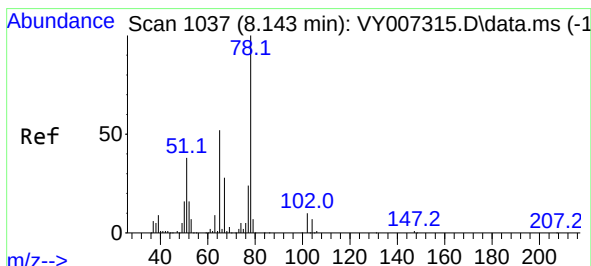
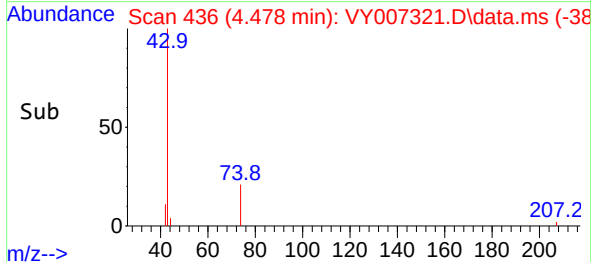
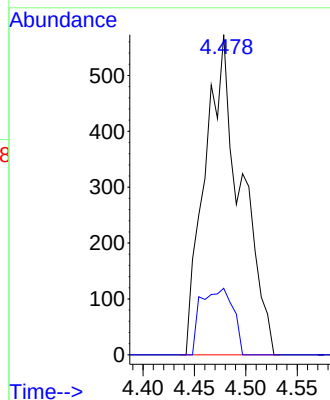
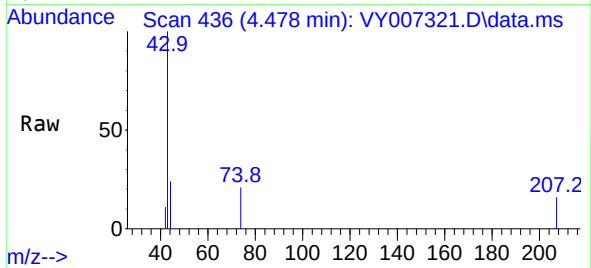




#18
Methyl Acetate
Concen: 1.156 ug/l
RT: 4.478 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007321.D
Acq: 28 Jan 2022 15:22

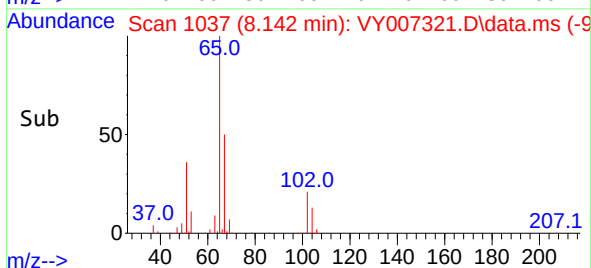
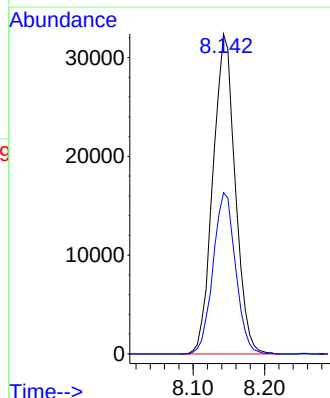
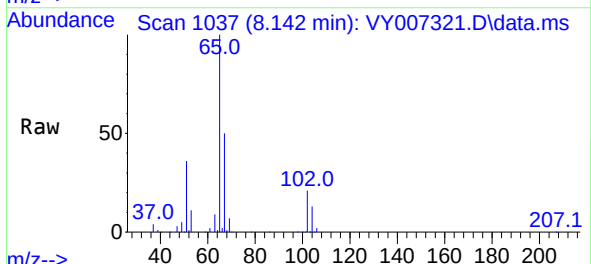
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(3)

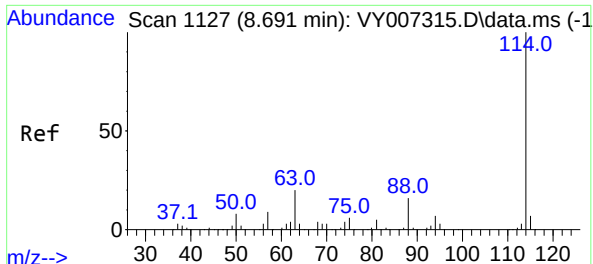
Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
74 18.3 20.9 31.3#



#33
1,2-Dichloroethane-d4
Concen: 53.196 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007321.D
Acq: 28 Jan 2022 15:22

Tgt Ion: 65 Resp: 70092
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.6

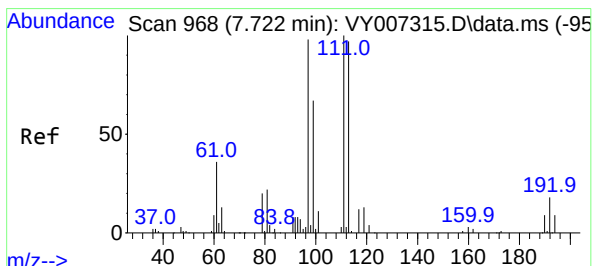
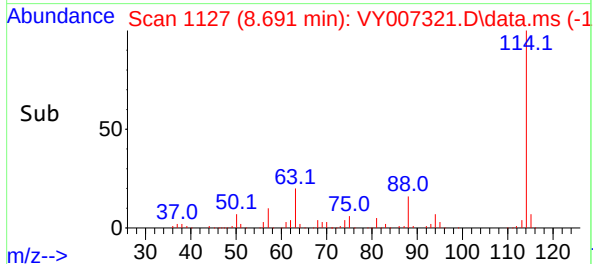
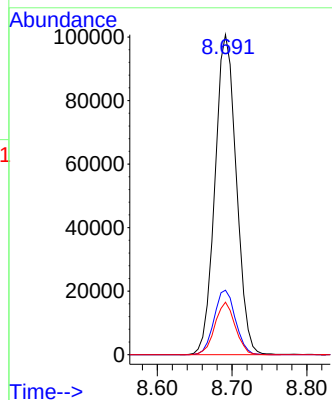
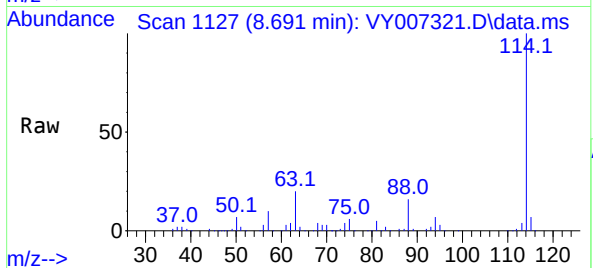




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007321.D
Acq: 28 Jan 2022 15:22

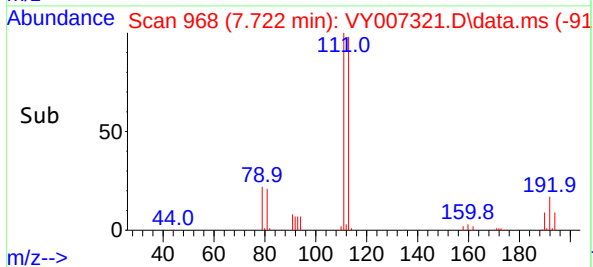
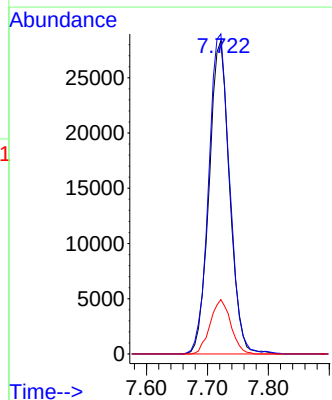
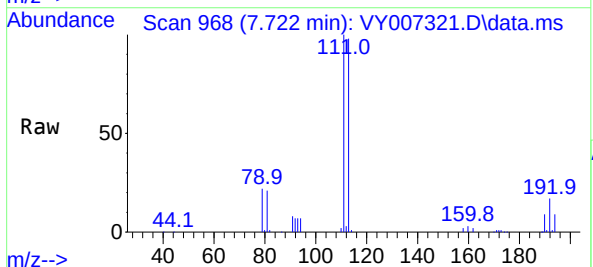
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(3)

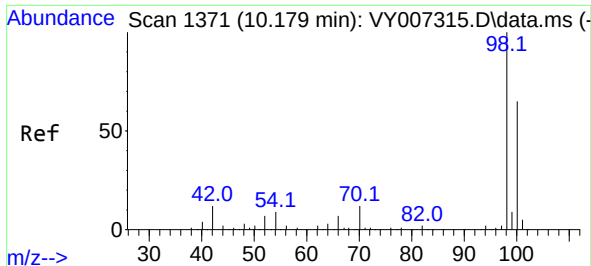
Tgt Ion:114 Resp: 199732
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 16.4 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.970 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007321.D
Acq: 28 Jan 2022 15:22

Tgt Ion:113 Resp: 66137
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 17.5 14.2 21.4

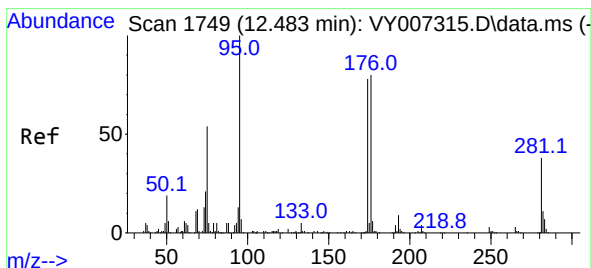
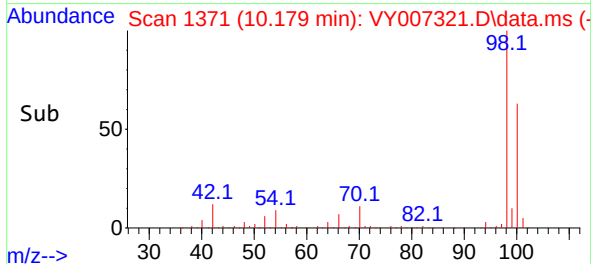
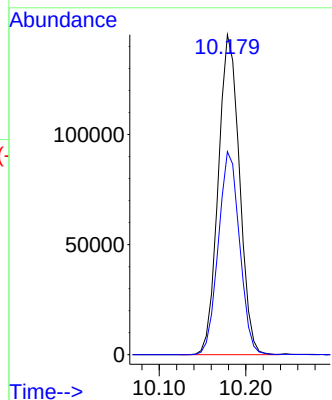
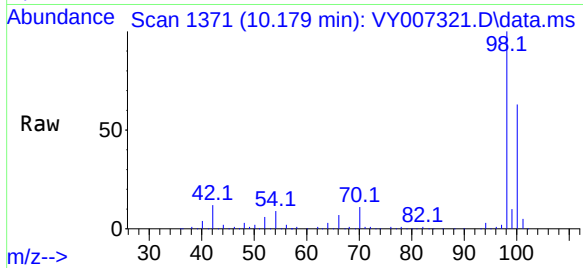




#50
Toluene-d8
Concen: 50.105 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007321.D
Acq: 28 Jan 2022 15:22

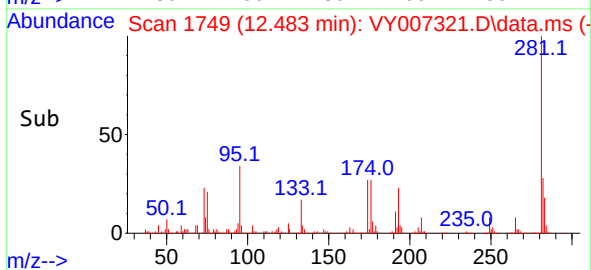
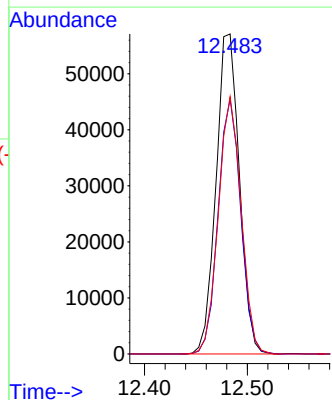
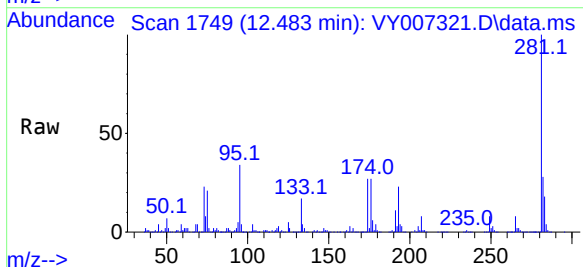
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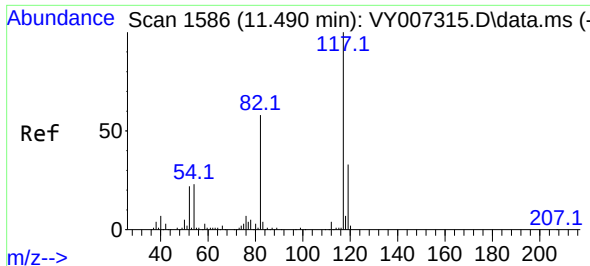
Tgt Ion: 98 Resp: 247261
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.325 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007321.D
Acq: 28 Jan 2022 15:22

Tgt Ion: 95 Resp: 90096
Ion Ratio Lower Upper
95 100
174 77.0 0.0 148.4
176 78.5 0.0 146.6

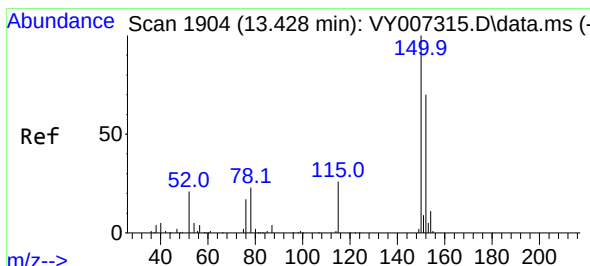
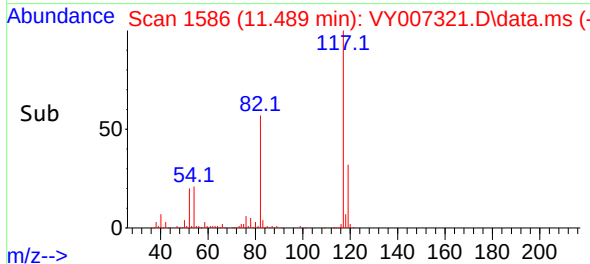
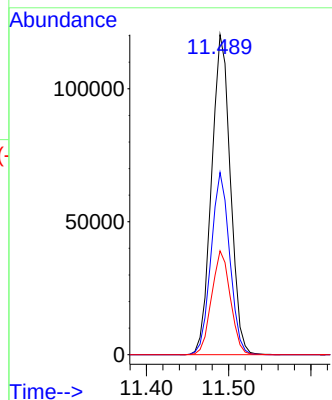
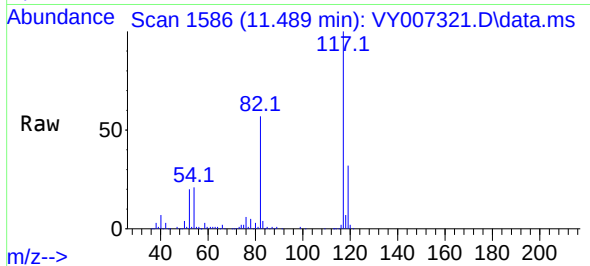




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007321.D
Acq: 28 Jan 2022 15:22

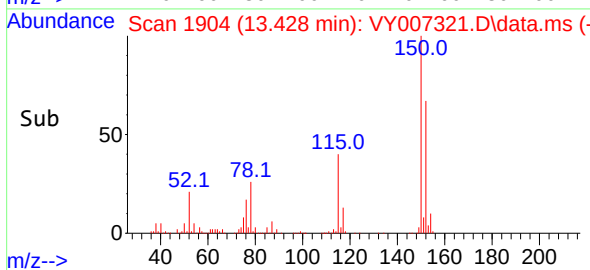
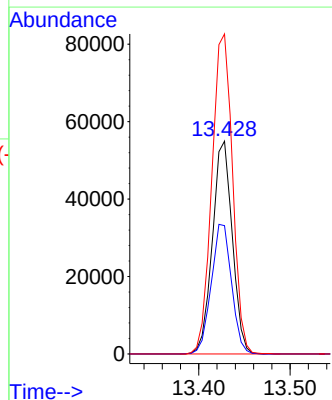
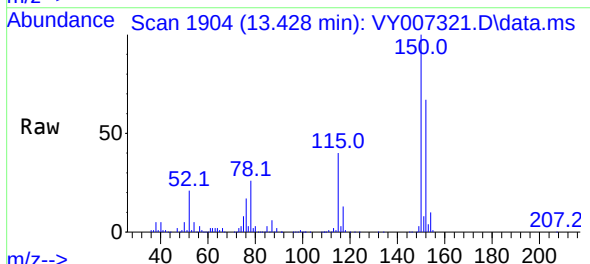
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ClientSampleId :
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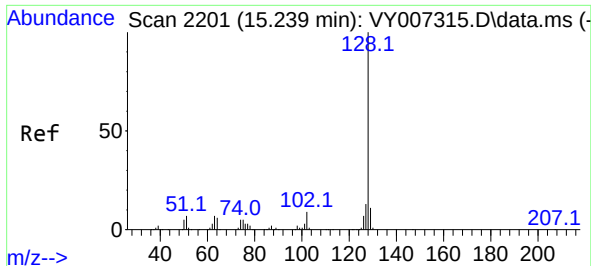
Tgt Ion:	117	Resp:	191815
Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.4	68.0
119	32.4	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007321.D
Acq: 28 Jan 2022 15:22

Tgt Ion:	152	Resp:	83007
Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.4	94.0
150	156.2	0.0	348.4





#95

Naphthalene

Concen: 1.740 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY007321.D

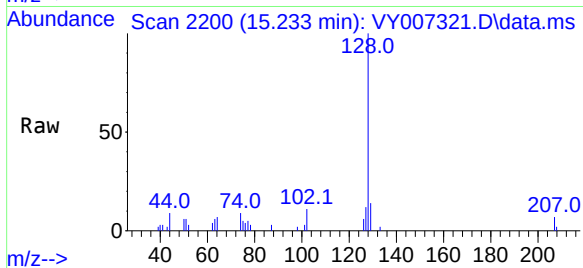
Acq: 28 Jan 2022 15:22

Instrument :

MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(3)



Tgt Ion:128 Resp: 6106

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 12.1 8.9 13.3

