

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007325.D
 Acq On : 28 Jan 2022 16:55
 Operator : SY/MD
 Sample : N1309-07
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(7)

Quant Time: Jan 31 00:31:12 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)

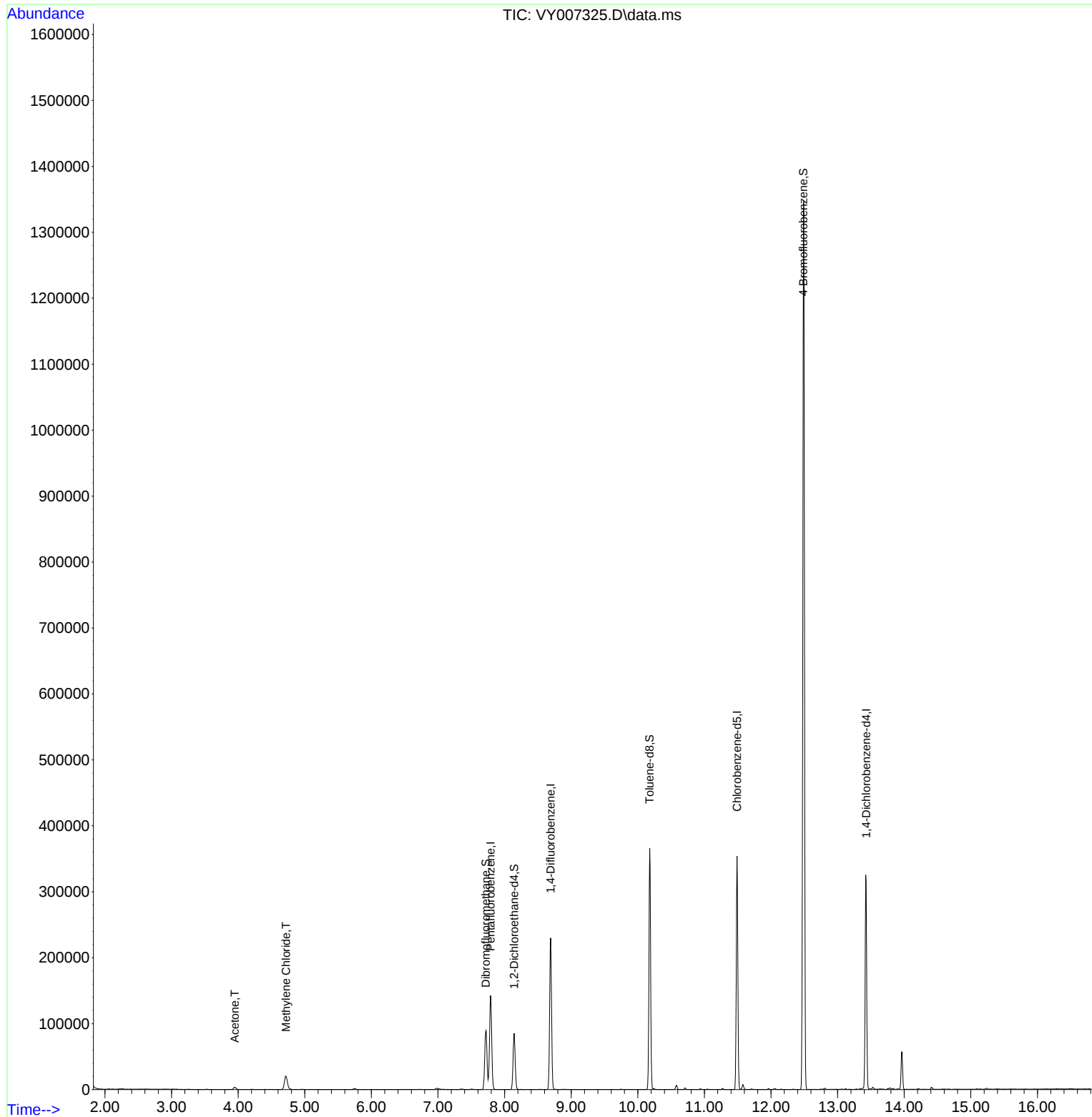
Internal Standards						
1) Pentafluorobenzene	7.789	168	104054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65479	51.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.580%	
35) Dibromofluoromethane	7.716	113	64947	49.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.760%	
50) Toluene-d8	10.179	98	239619	49.860	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	12.483	95	88814	51.953	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.900%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	6292	18.989	ug/l	100
20) Methylene Chloride	4.716	84	15575	11.367	ug/l	98

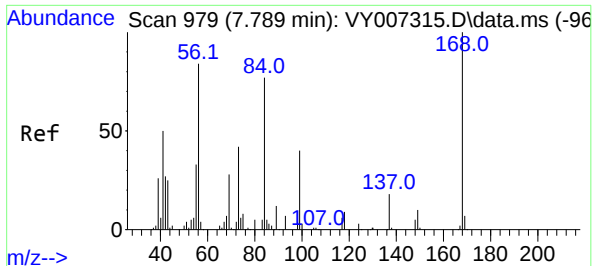
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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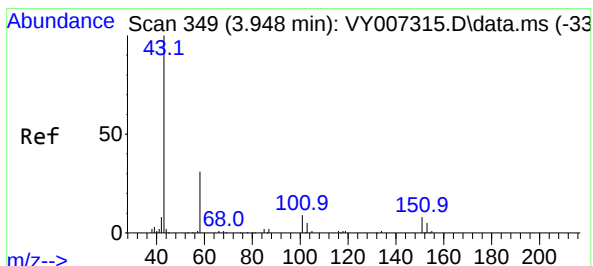
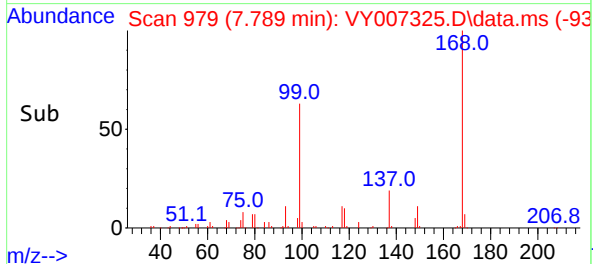
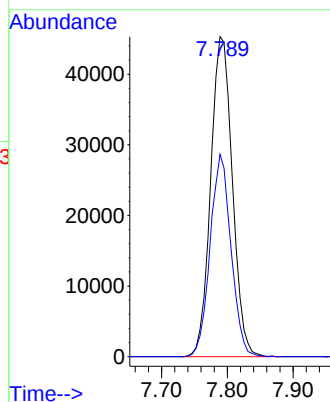
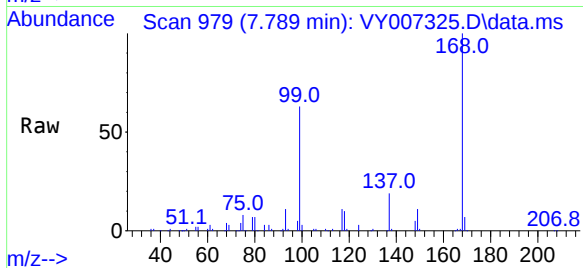




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

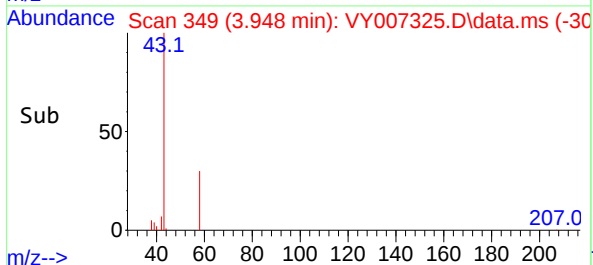
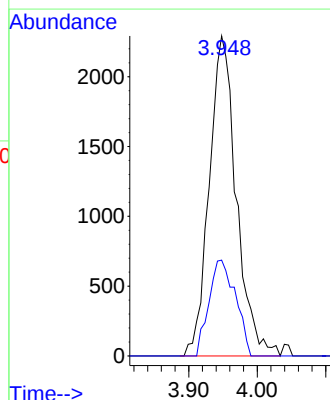
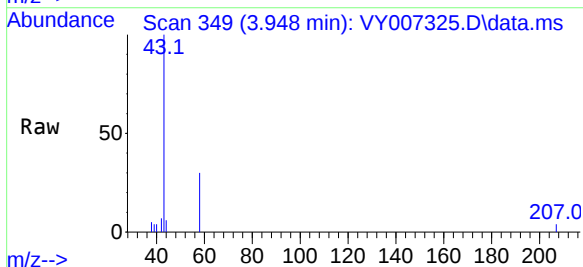
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(7)

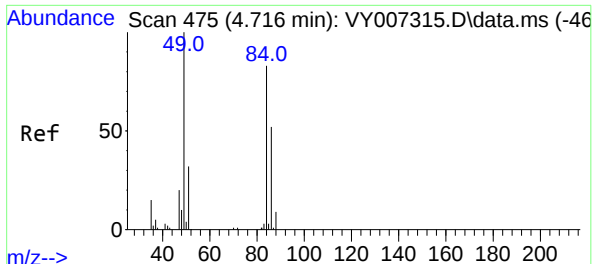
Tgt Ion:168 Resp: 104054
Ion Ratio Lower Upper
168 100
99 63.2 49.1 73.7



#16
Acetone
Concen: 18.989 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

Tgt Ion: 43 Resp: 6292
Ion Ratio Lower Upper
43 100
58 29.9 23.8 35.6



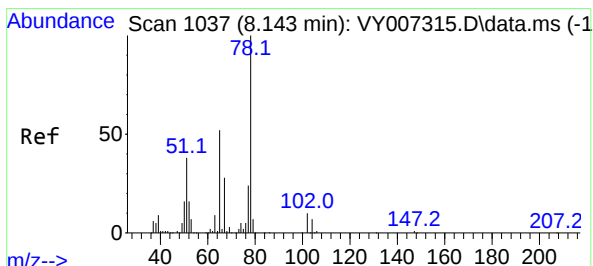
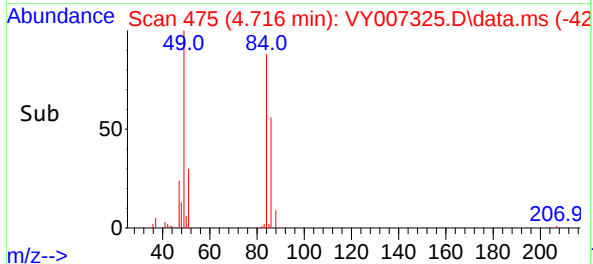
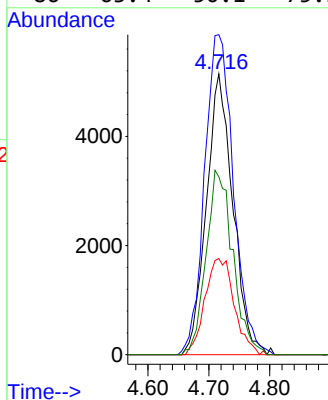
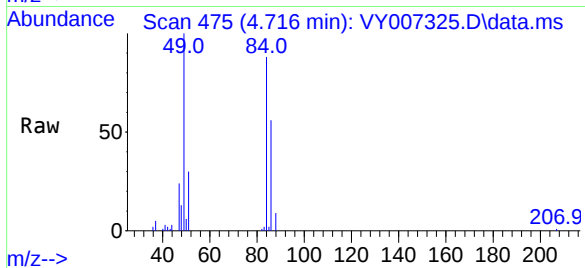


#20
Methylene Chloride
Concen: 11.367 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(7)

Tgt Ion: 84 Resp: 15575

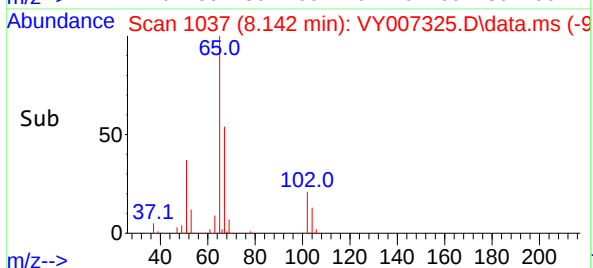
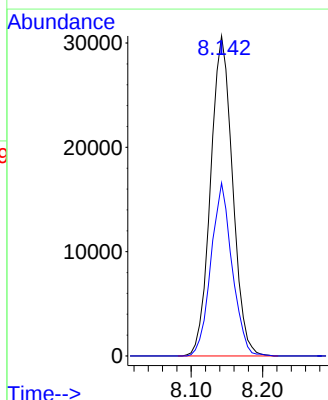
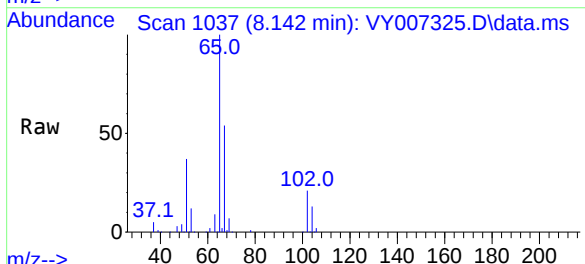
Ion	Ratio	Lower	Upper
84	100		
49	114.0	92.6	139.0
51	34.3	28.6	42.8
86	63.4	50.1	75.1

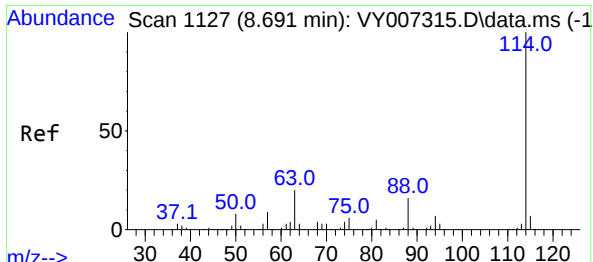


#33
1,2-Dichloroethane-d4
Concen: 51.285 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

Tgt Ion: 65 Resp: 65479

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.6



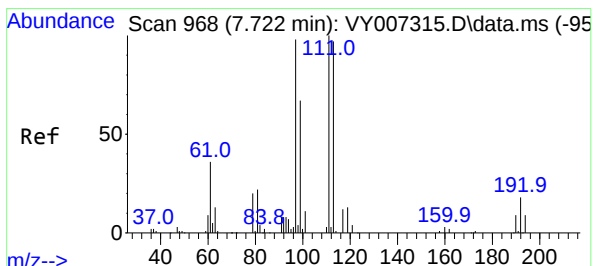
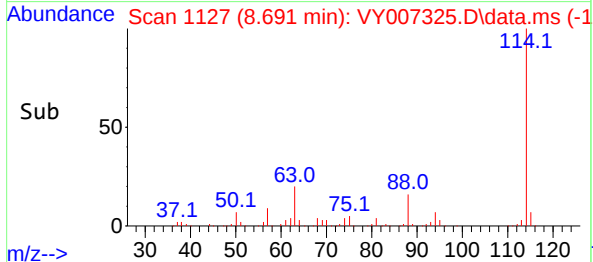
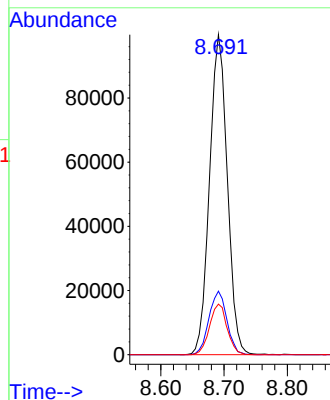
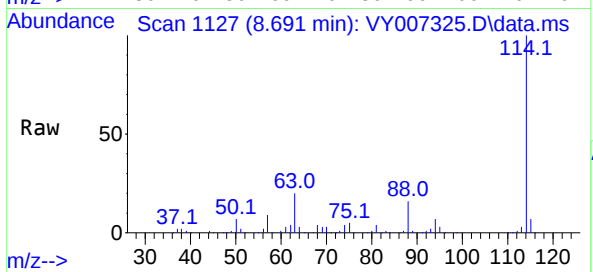


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(7)

Tgt Ion:114 Resp: 194508

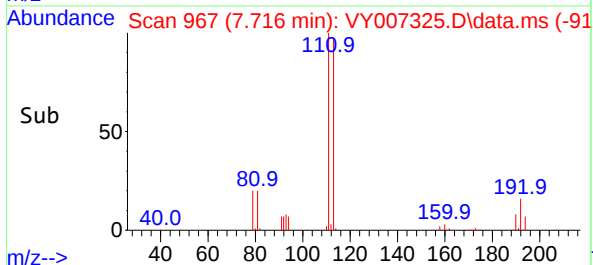
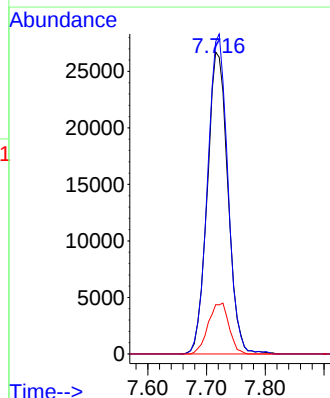
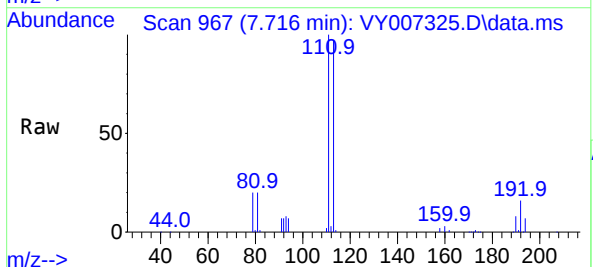
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.2
88	15.8	0.0	31.0

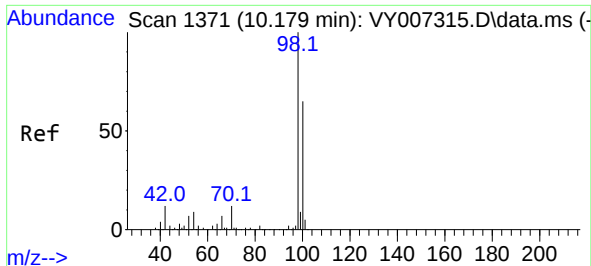


#35
Dibromofluoromethane
Concen: 49.381 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

Tgt Ion:113 Resp: 64947

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.4
192	17.0	14.2	21.4

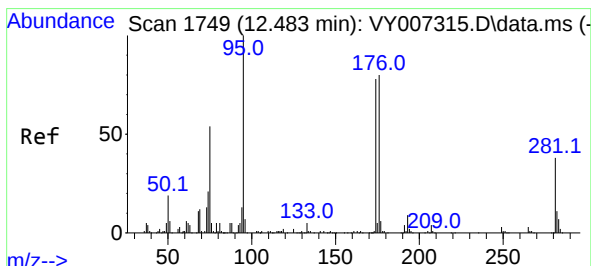
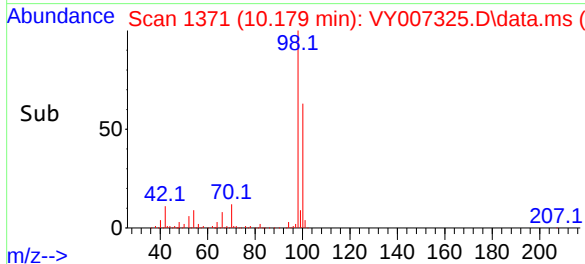
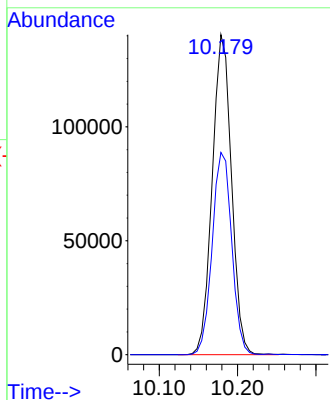
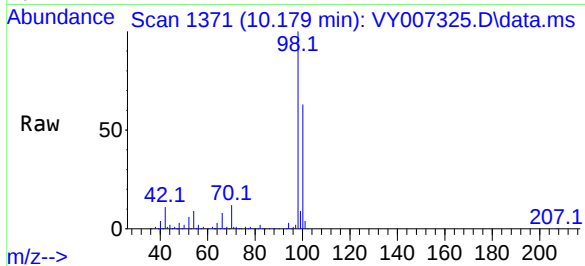




#50
Toluene-d8
Concen: 49.860 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

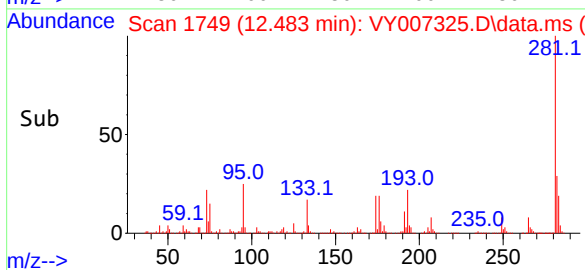
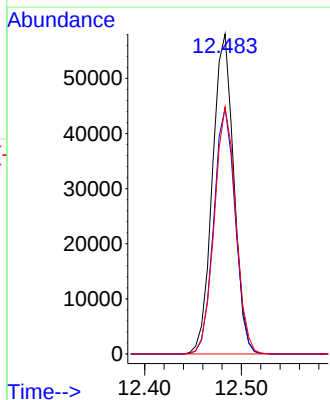
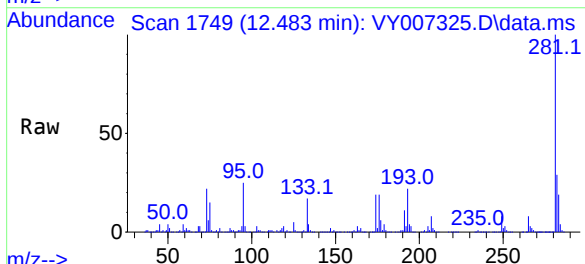
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(7)

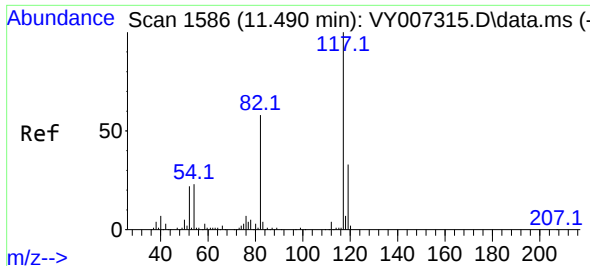
Tgt Ion: 98 Resp: 239619
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.953 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

Tgt Ion: 95 Resp: 88814
Ion Ratio Lower Upper
95 100
174 77.4 0.0 148.4
176 77.8 0.0 146.6

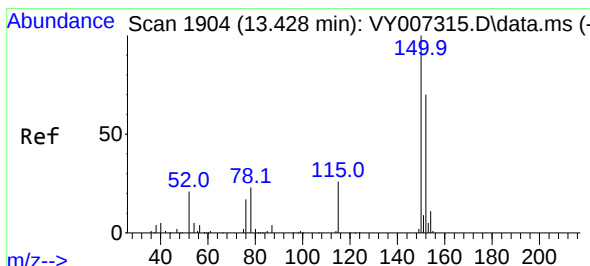
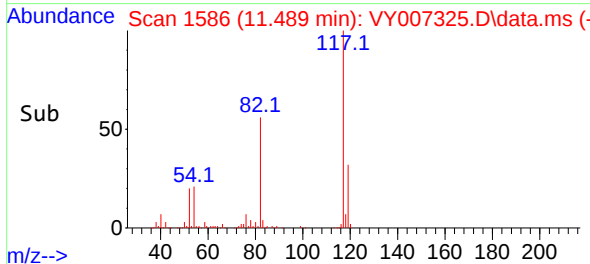
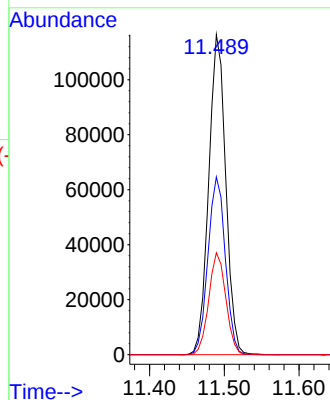
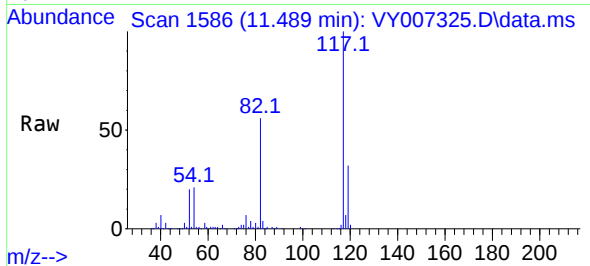




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(7)

Tgt Ion:	117	Resp:	184194
Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.0
119	31.9	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: VY007325.D
Acq: 28 Jan 2022 16:55

Tgt Ion:	152	Resp:	79451
Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.4	94.0
150	156.2	0.0	348.4

