

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)

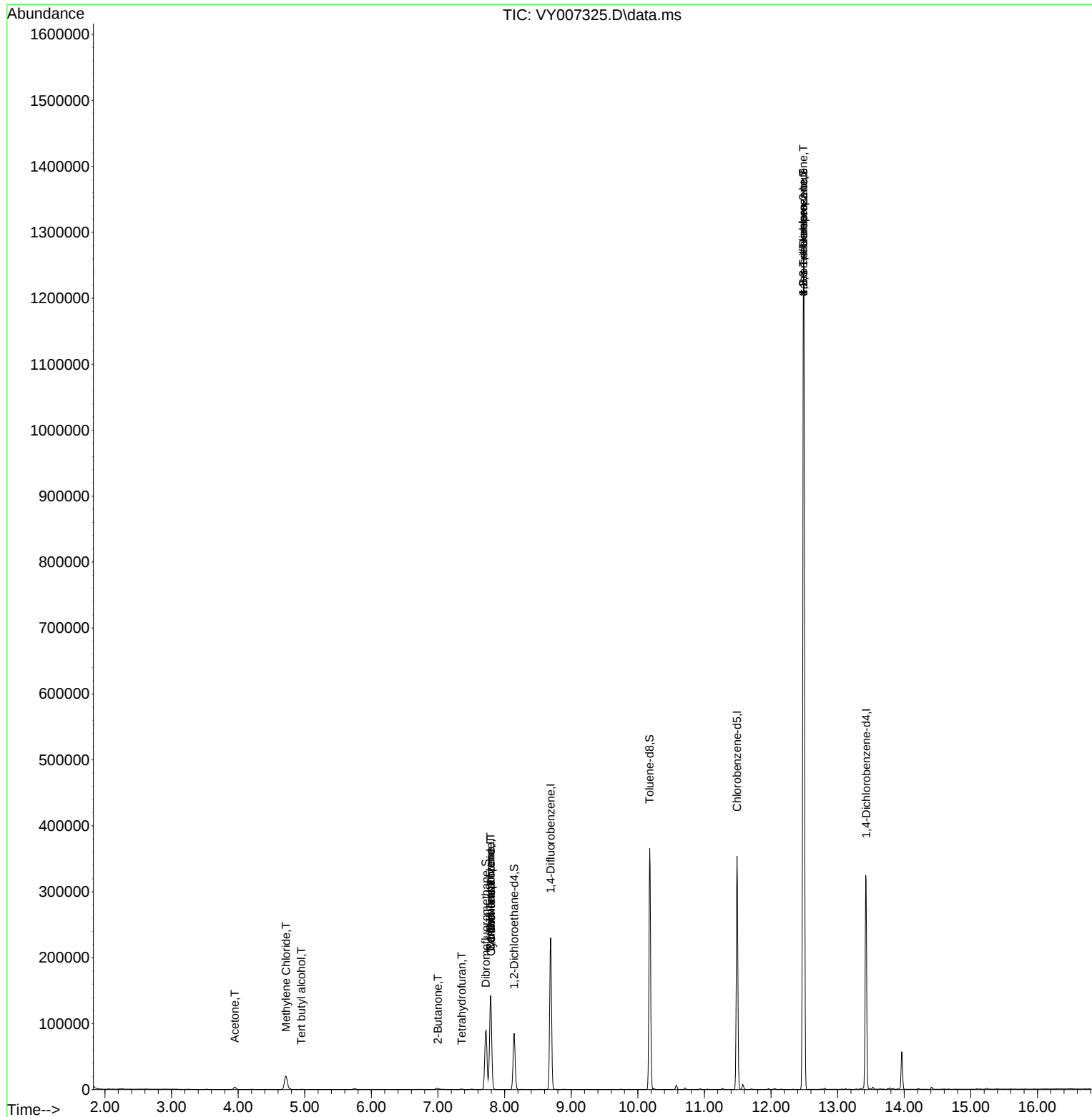
Internal Standards						
1) Pentafluorobenzene	7.789	168	104054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
11) Tert butyl alcohol	4.948	59	819	2.764	ug/l #	73
16) Acetone	3.948	43	6292	18.989	ug/l	100
20) Methylene Chloride	4.716	84	15575	11.367	ug/l	98
25) 2-Butanone	6.996	43	644	1.503	ug/l #	47
29) Tetrahydrofuran	7.356	42	481	1.747	ug/l #	61
31) Cyclohexane	7.795	56	2474	1.146	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	8903	4.238	ug/l #	52
38) Carbon Tetrachloride	7.789	117	11098	5.023	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	58715	64.810	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58715	118.650	ug/l #	4

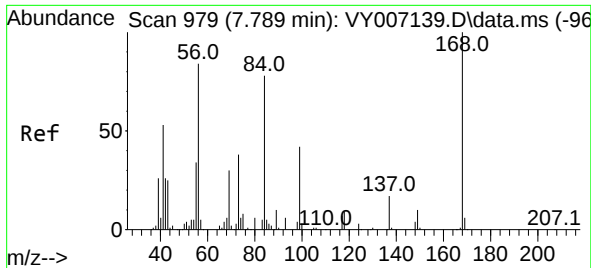
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
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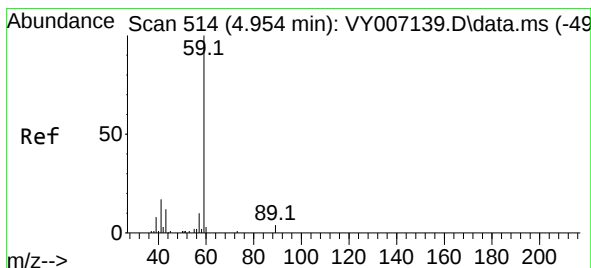
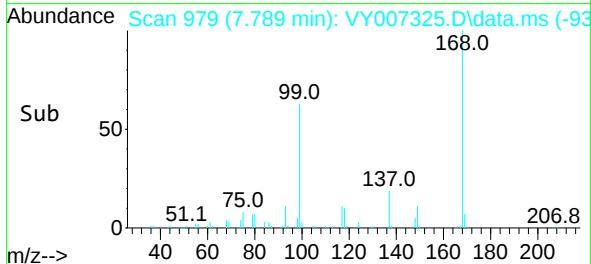
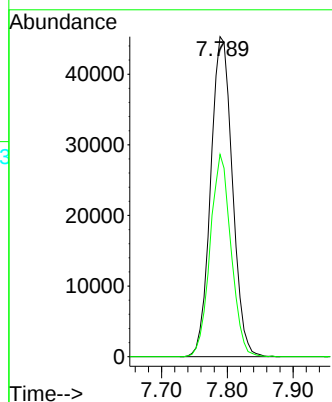
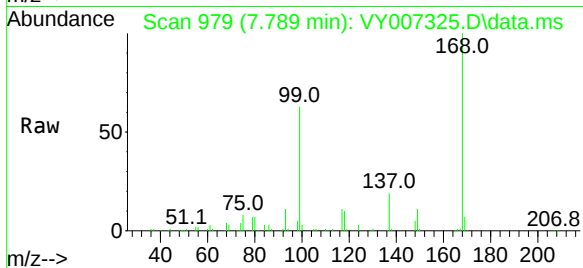




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

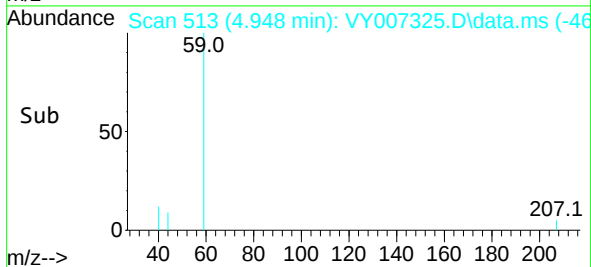
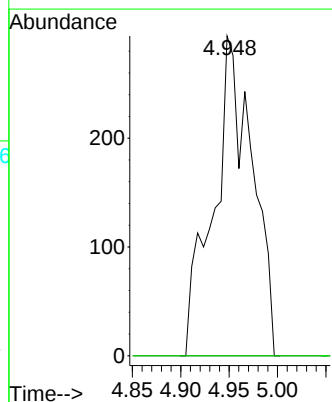
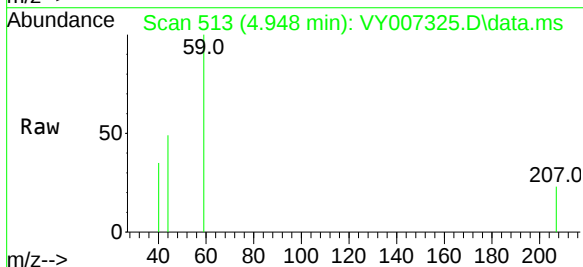
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(7)

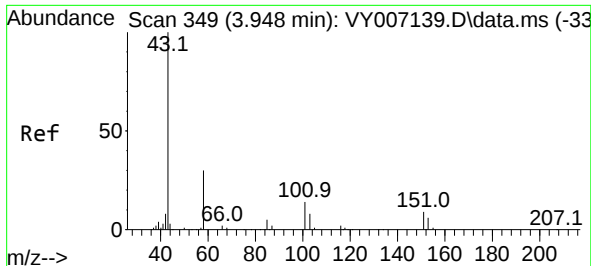
Tgt Ion:168 Resp: 104054
Ion Ratio Lower Upper
168 100
99 63.2 49.1 73.7



#11
Tert butyl alcohol
Concen: 2.764 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

Tgt Ion: 59 Resp: 819
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

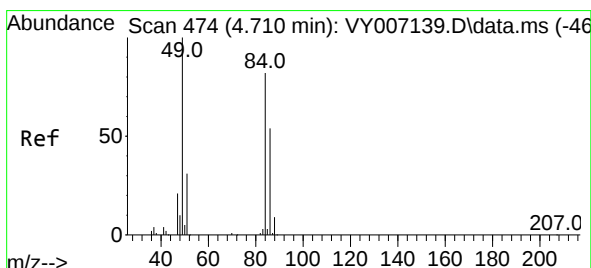
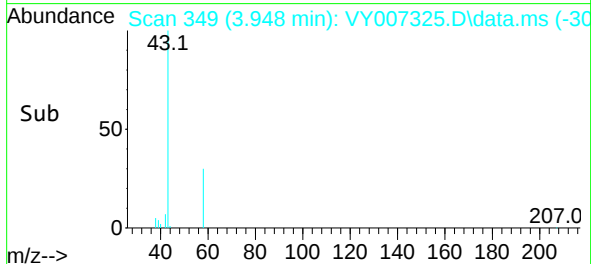
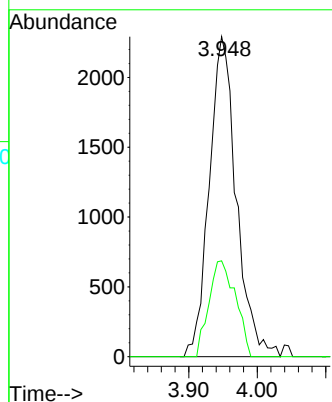
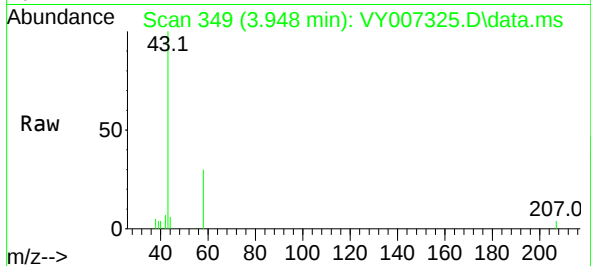




#16
Acetone
Concen: 18.989 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

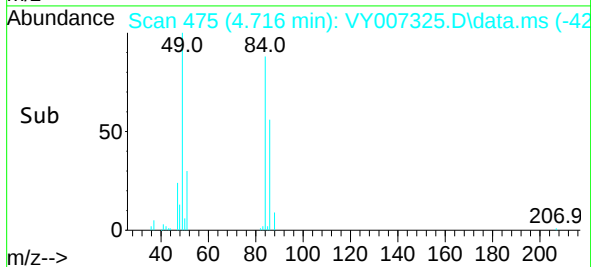
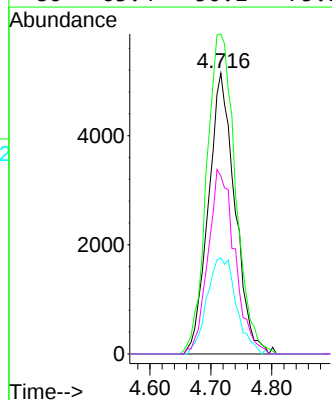
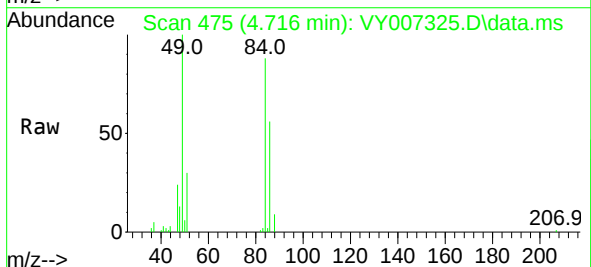
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(7)

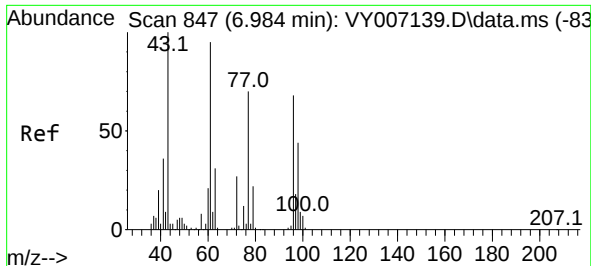
Tgt Ion: 43 Resp: 6292
Ion Ratio Lower Upper
43 100
58 29.9 23.8 35.6



#20
Methylene Chloride
Concen: 11.367 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

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

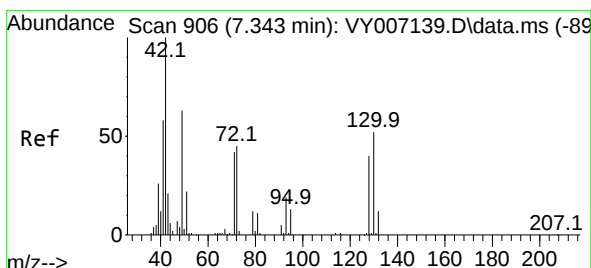
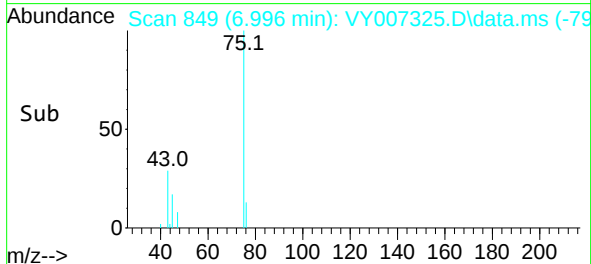
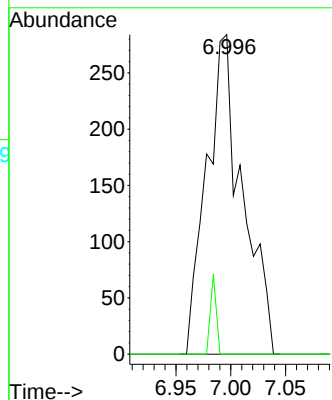
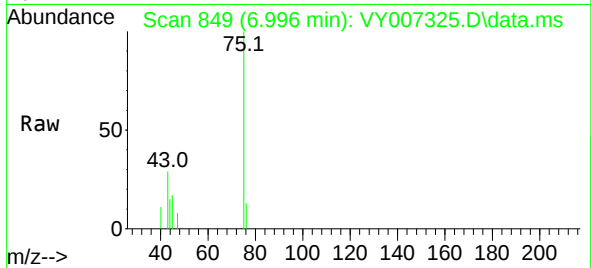




#25
2-Butanone
Concen: 1.503 ug/l
RT: 6.996 min Scan# 84
Delta R.T. 0.012 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

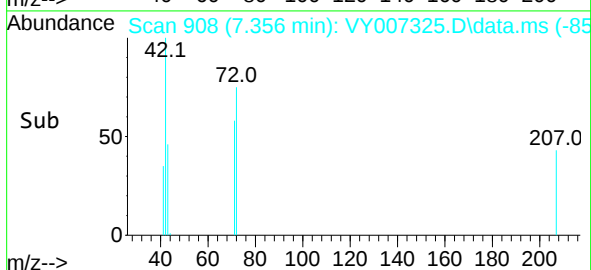
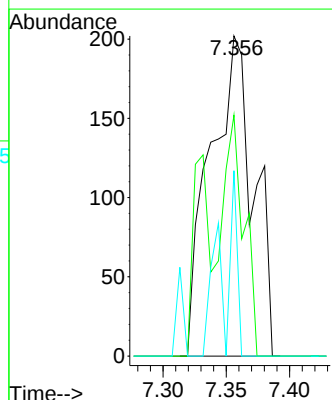
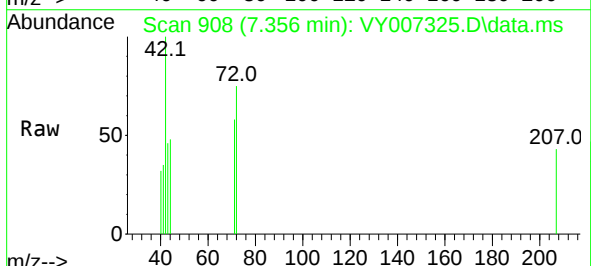
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(7)

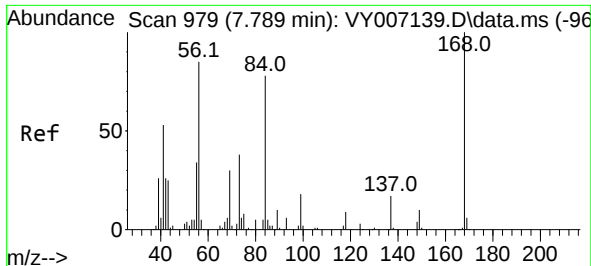
Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



#29
Tetrahydrofuran
Concen: 1.747 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

Tgt Ion: 42 Resp: 481
Ion Ratio Lower Upper
42 100
72 37.6 36.6 54.8
71 0.0 34.1 51.1#

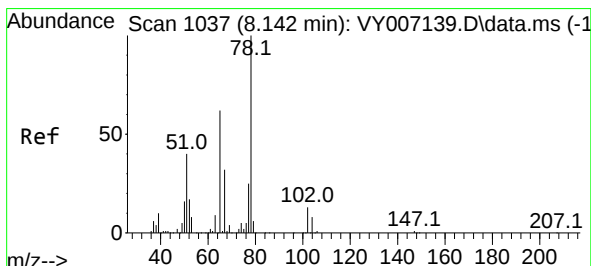
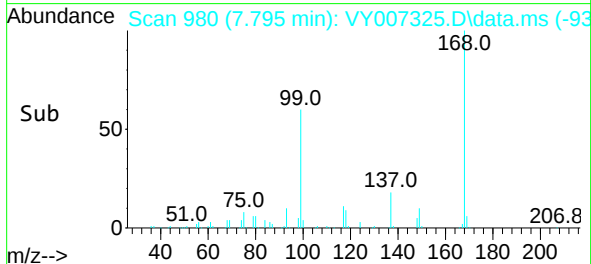
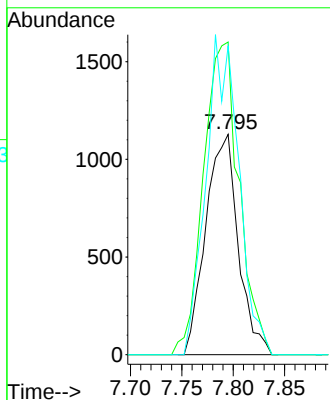
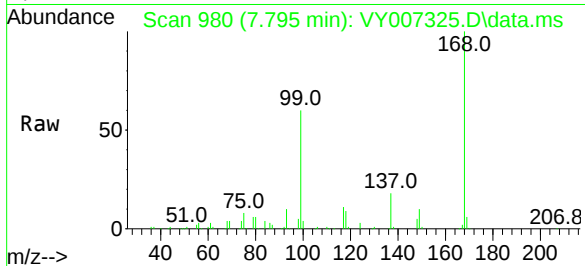




#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

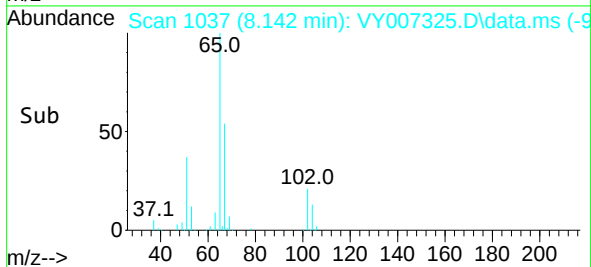
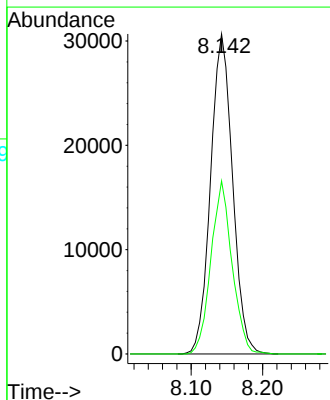
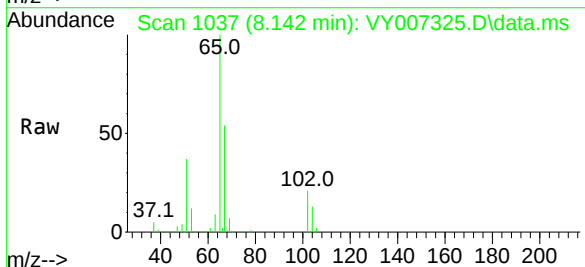
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(7)

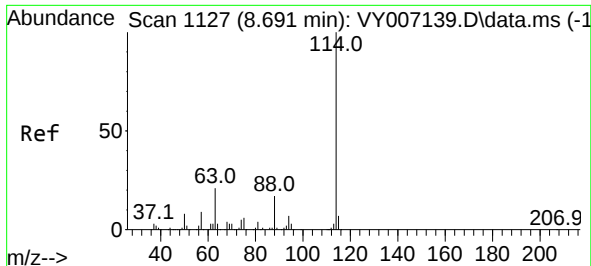
Tgt Ion: 56 Resp: 2474
Ion Ratio Lower Upper
56 100
69 141.8 27.2 40.8#
84 140.1 72.1 108.1#



#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

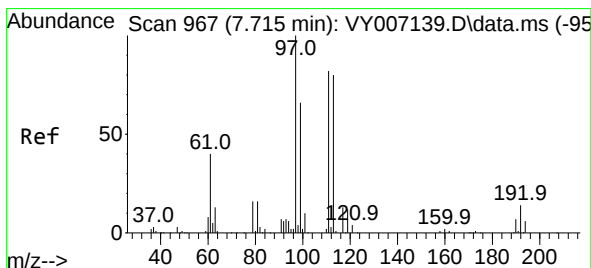
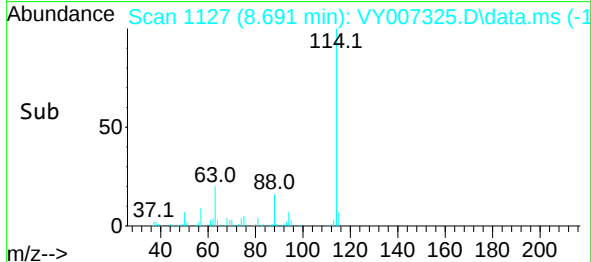
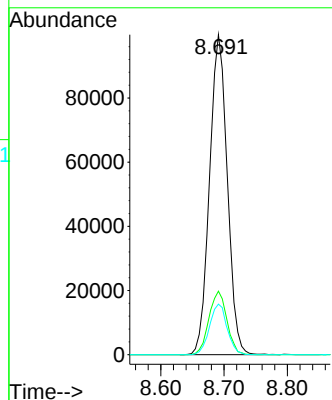
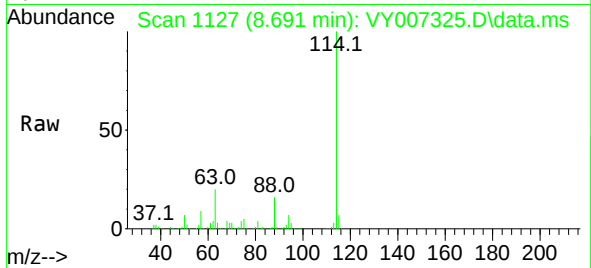




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007325.D
 Acq: 28 Jan 2022 16:55

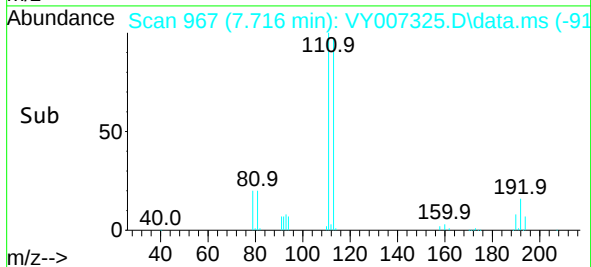
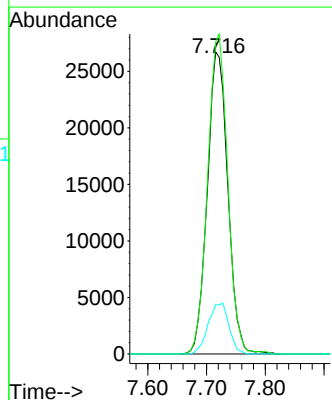
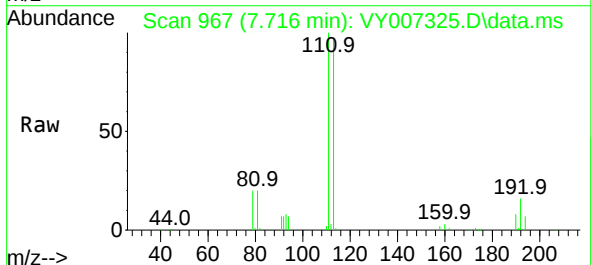
Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(7)

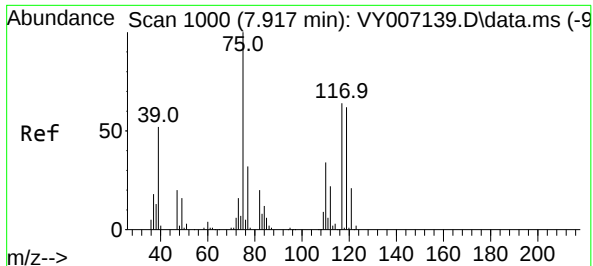
Tgt Ion:114 Resp: 194508
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.8 0.0 31.0



#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





#36

1,1-Dichloropropene

Concen: 4.238 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007325.D

Acq: 28 Jan 2022 16:55

Instrument :

MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(7)

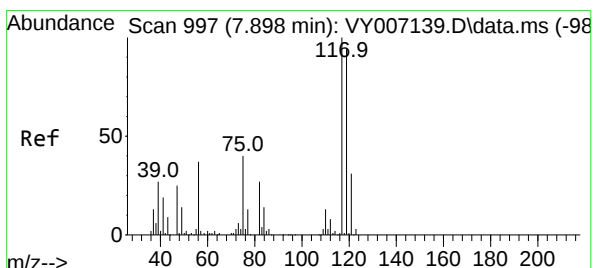
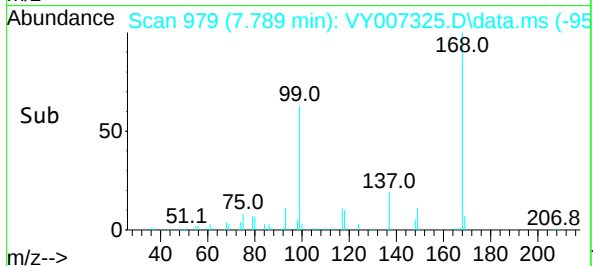
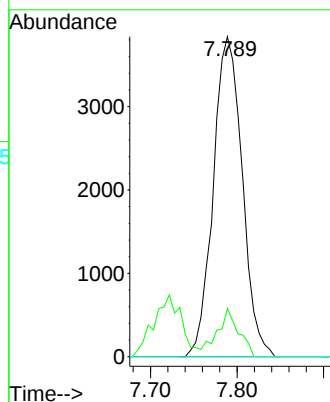
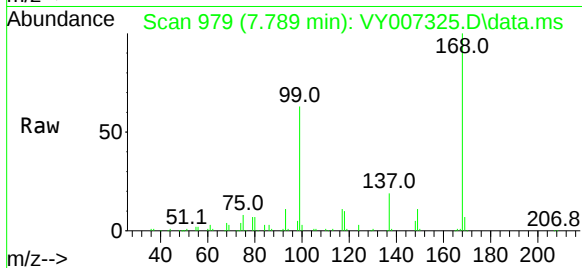
Tgt Ion: 75 Resp: 8903

Ion Ratio Lower Upper

75 100

110 11.1 17.3 51.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.023 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY007325.D

Acq: 28 Jan 2022 16:55

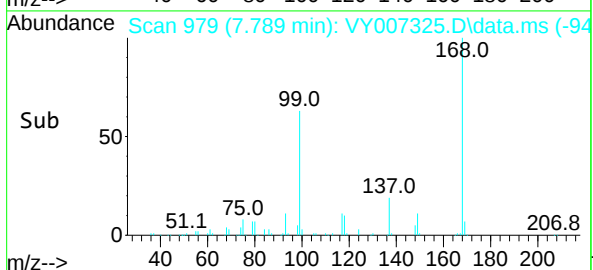
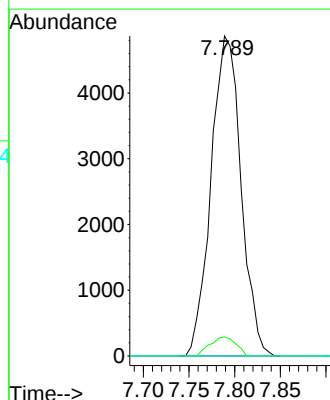
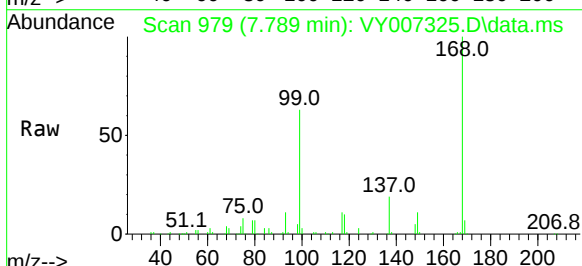
Tgt Ion: 117 Resp: 11098

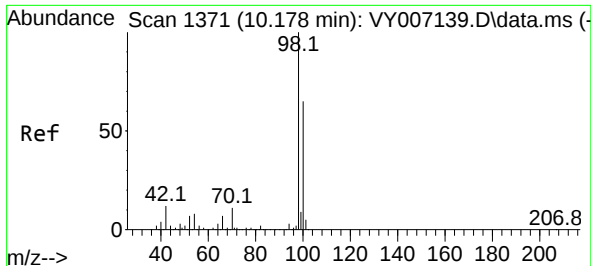
Ion Ratio Lower Upper

117 100

119 6.0 77.2 115.8#

121 0.0 24.2 36.2#

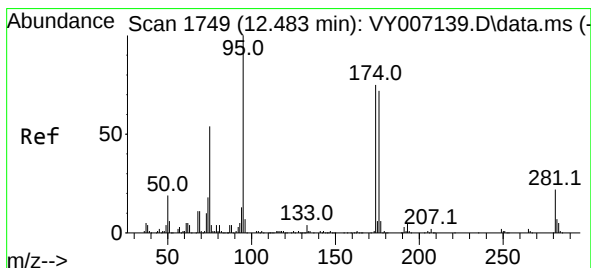
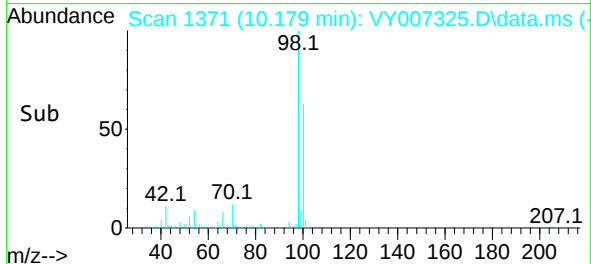
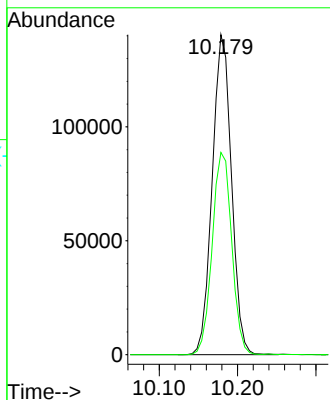
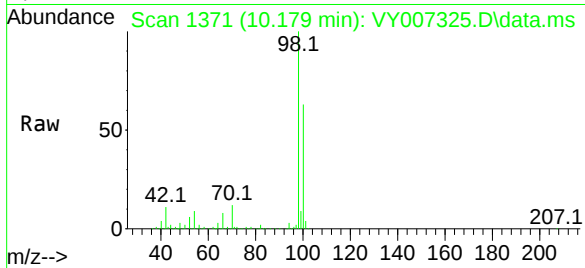




#50
Toluene-d8
Concen: 49.860 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

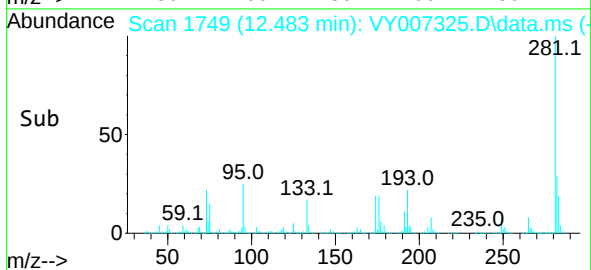
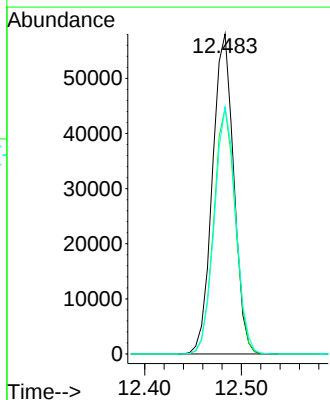
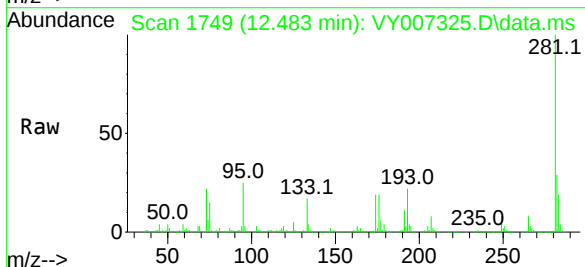
Instrument :
MSVOA_Y
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STATE-ST-SP1-(7)

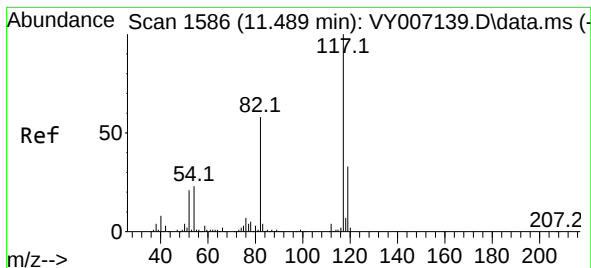
Tgt Ion: 98 Resp: 239619
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#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# 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)

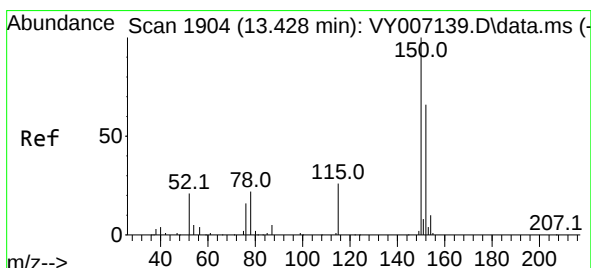
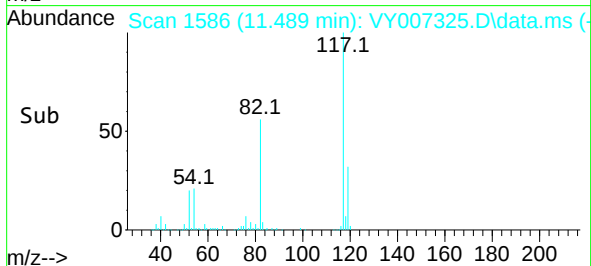
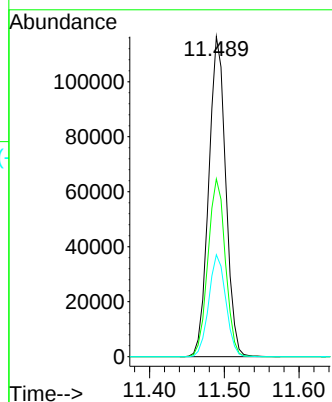
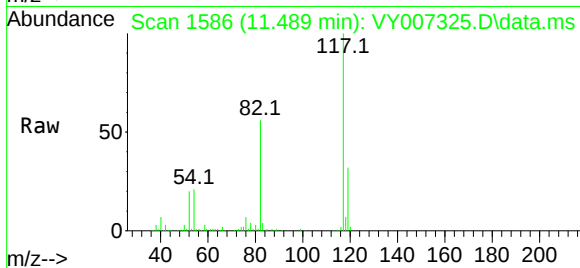
Tgt Ion:117 Resp: 184194

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

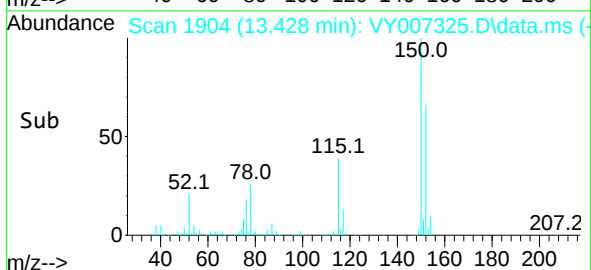
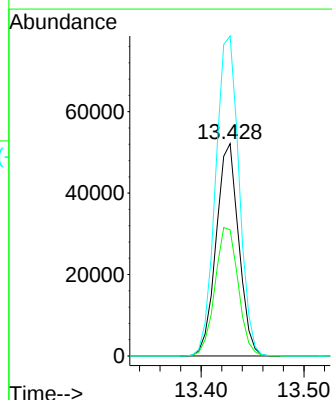
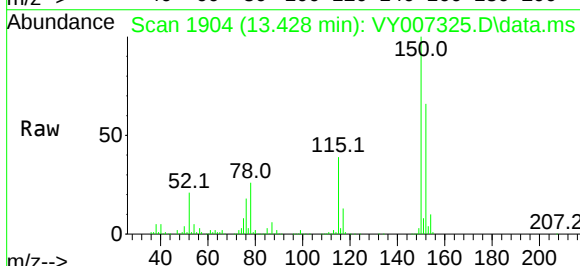
Tgt Ion:152 Resp: 79451

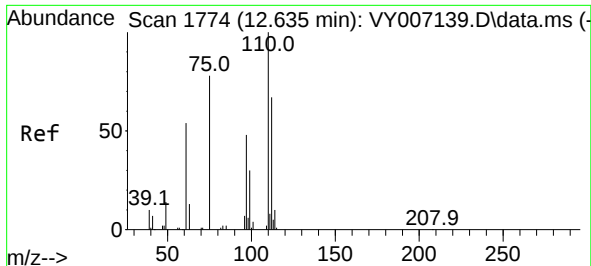
Ion Ratio Lower Upper

152 100

115 62.3 31.4 94.0

150 156.2 0.0 348.4

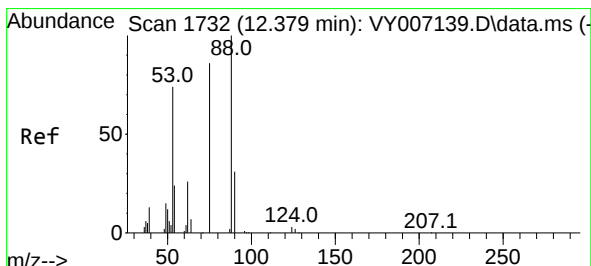
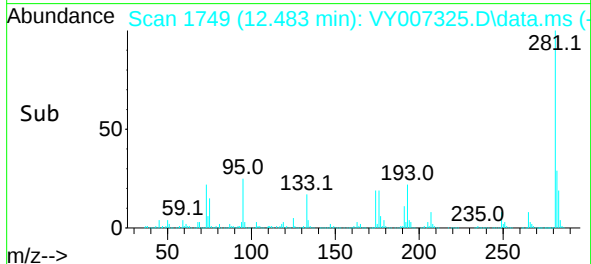
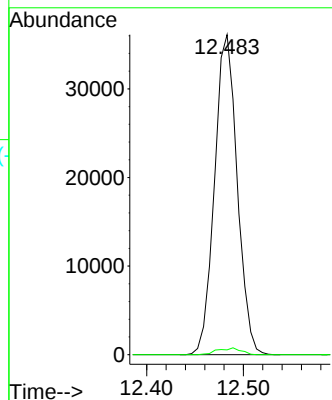
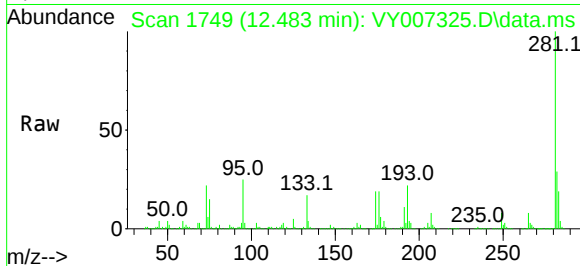




#76
1,2,3-Trichloropropane
Concen: 64.810 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

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

Tgt Ion: 75 Resp: 58715
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.650 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007325.D
Acq: 28 Jan 2022 16:55

Tgt Ion: 75 Resp: 58715
Ion Ratio Lower Upper
75 100
53 0.1 73.9 110.9#
89 7.0 0.0 0.0#

