

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007319.D
 Acq On : 28 Jan 2022 14:35
 Operator : SY/MD
 Sample : N1309-01
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(1)

Quant Time: Jan 31 00:30:23 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)

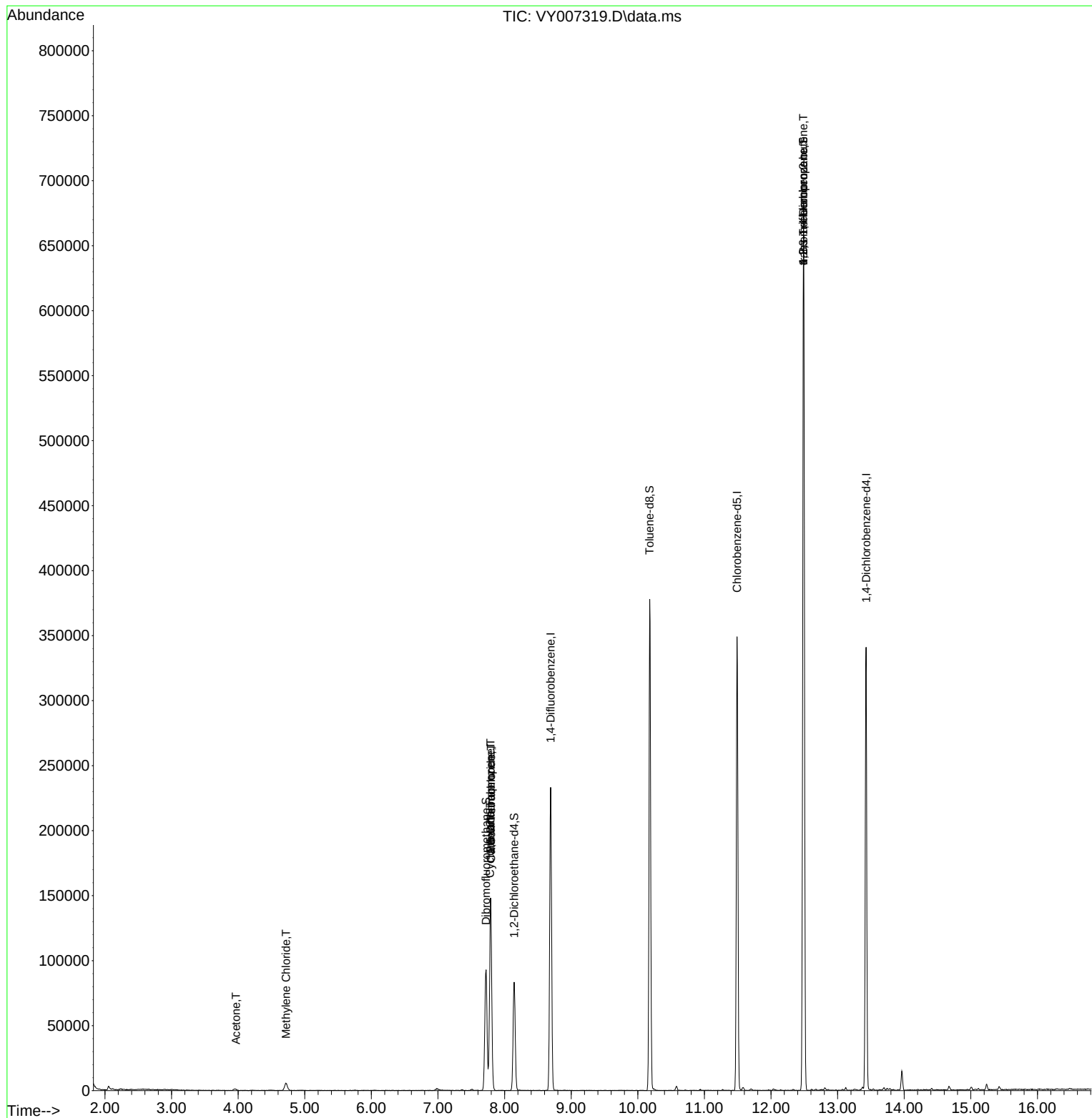
Internal Standards						
1) Pentafluorobenzene	7.789	168	106888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	189386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65829	50.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.380%	
35) Dibromofluoromethane	7.722	113	66586	49.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.720%	
50) Toluene-d8	10.179	98	244815	49.667	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	12.483	95	87423	49.860	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	59	Below Cal	#	73
16) Acetone	3.966	43	2371	6.966	ug/l #	83
20) Methylene Chloride	4.716	84	4580	3.254	ug/l	92
31) Cyclohexane	7.783	56	2557	1.153	ug/l #	7
36) 1,1-Dichloropropene	7.789	75	8878	4.121	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11570	5.106	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	53047	56.687	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53047	103.779	ug/l #	3

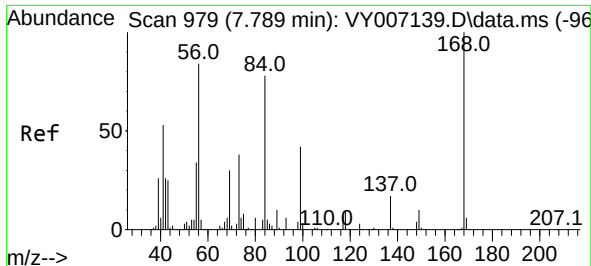
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STATE-ST-SP1-(1)

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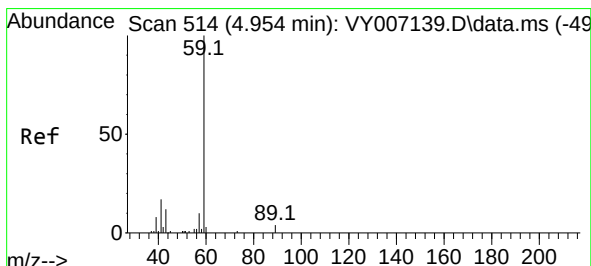
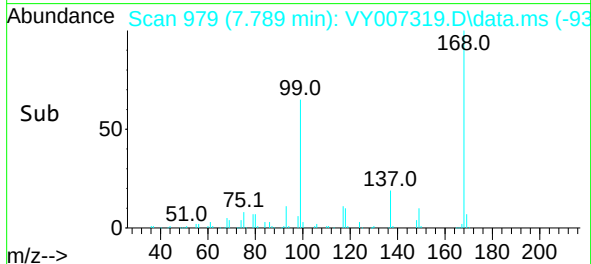
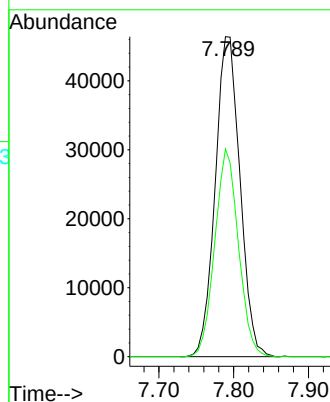
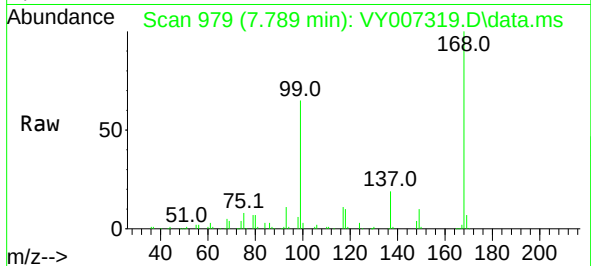




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

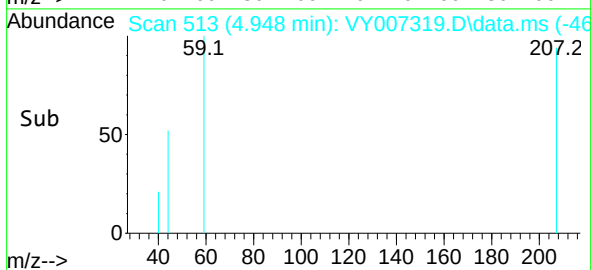
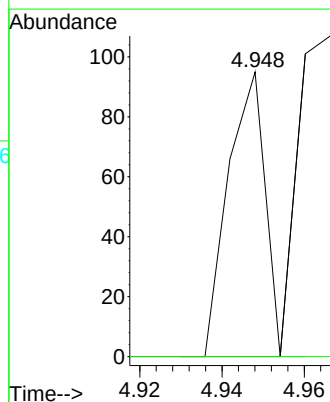
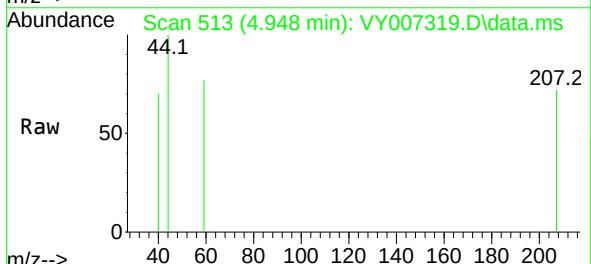
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(1)

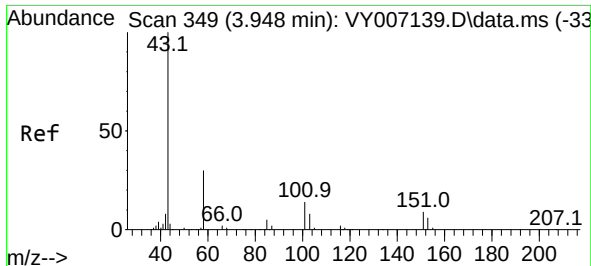
Tgt Ion:168 Resp: 106888
Ion Ratio Lower Upper
168 100
99 64.9 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

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

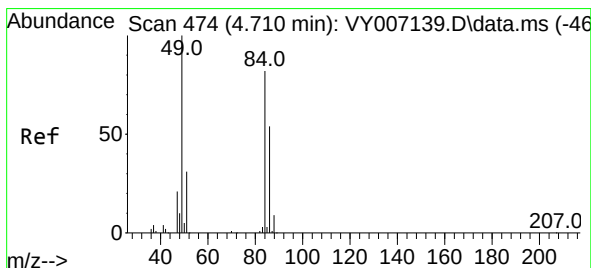
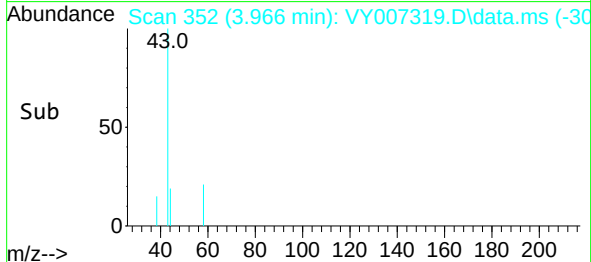
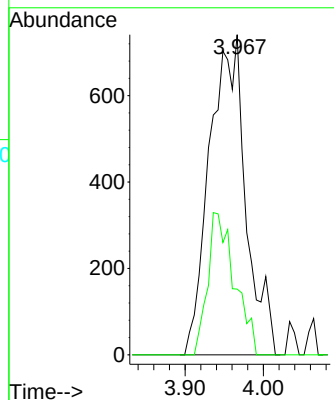
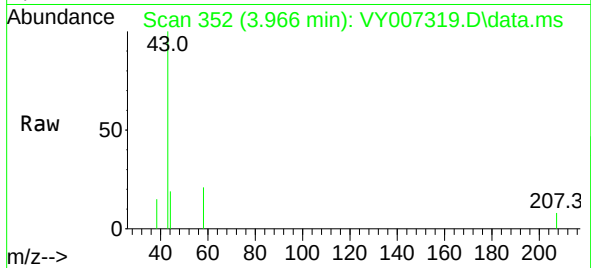




#16
Acetone
Concen: 6.966 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

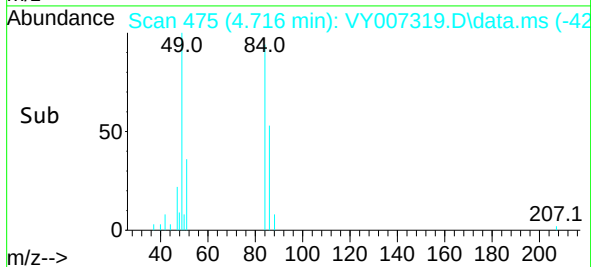
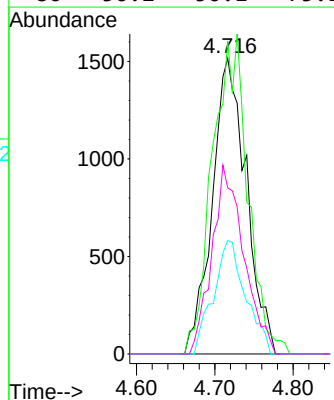
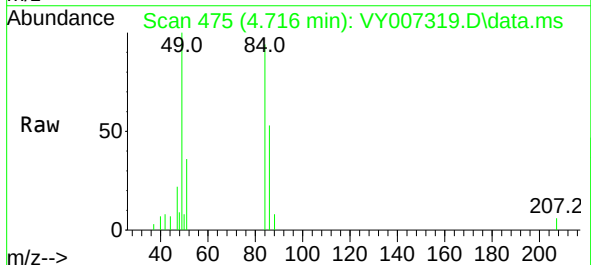
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(1)

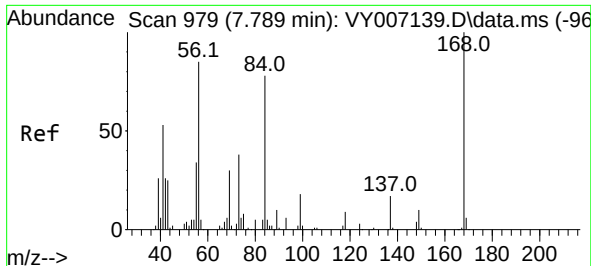
Tgt Ion: 43 Resp: 2371
Ion Ratio Lower Upper
43 100
58 20.5 23.8 35.6#



#20
Methylene Chloride
Concen: 3.254 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.007 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

Tgt Ion: 84 Resp: 4580
Ion Ratio Lower Upper
84 100
49 105.9 92.6 139.0
51 38.4 28.6 42.8
86 56.2 50.1 75.1

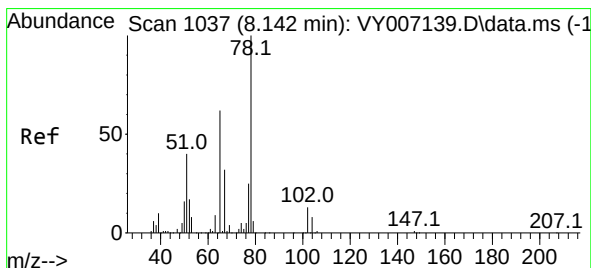
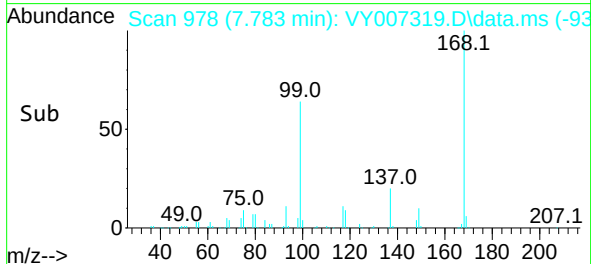
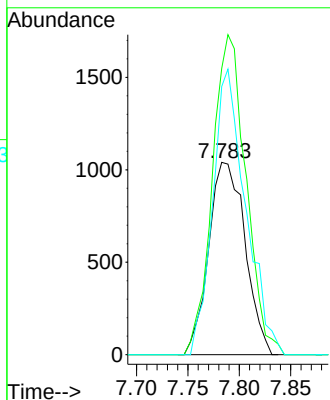
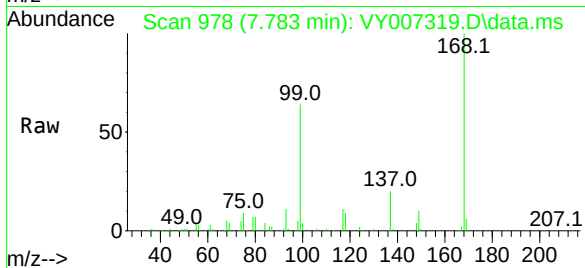




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

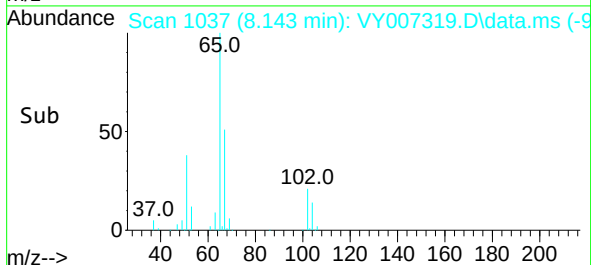
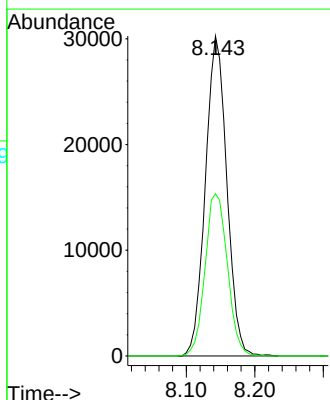
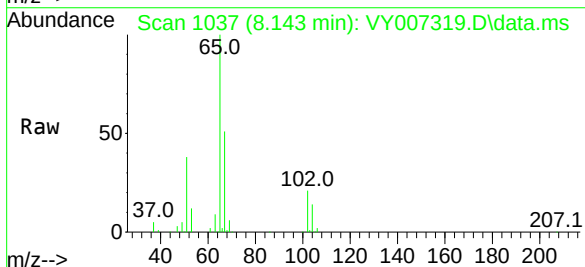
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(1)

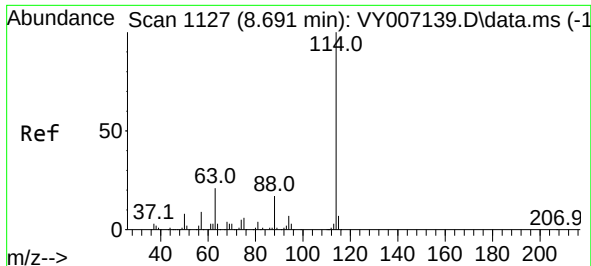
Tgt Ion: 56 Resp: 2557
Ion Ratio Lower Upper
56 100
69 148.8 27.2 40.8#
84 139.5 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 50.193 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

Tgt Ion: 65 Resp: 65829
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.6

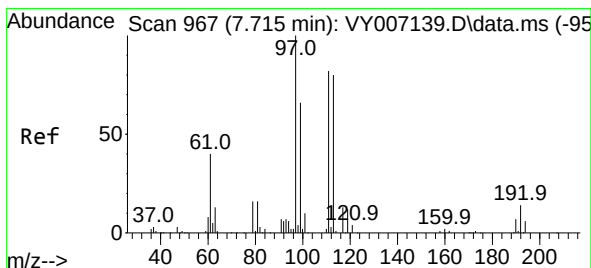
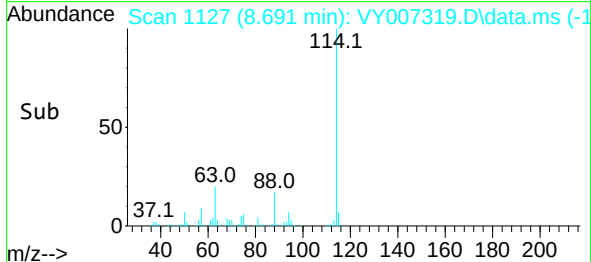
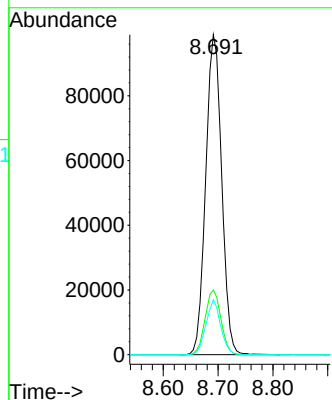
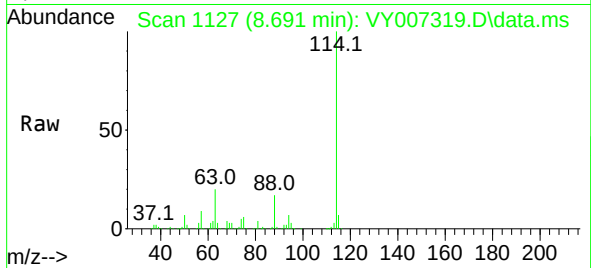




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

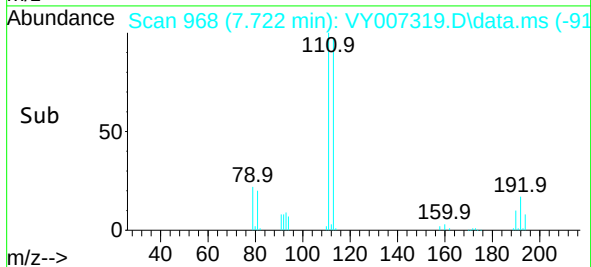
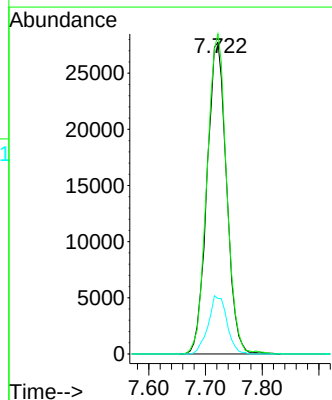
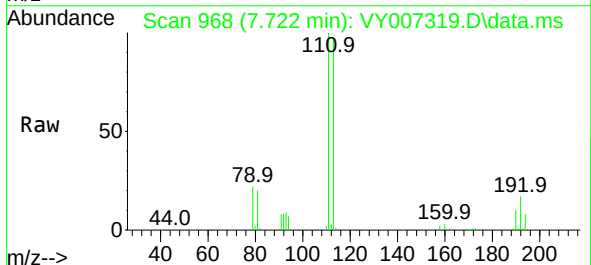
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(1)

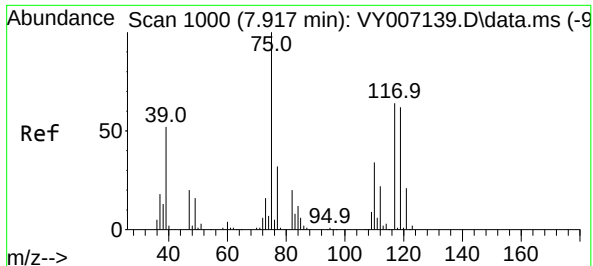
Tgt Ion:114 Resp: 199499
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 17.2 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.360 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

Tgt Ion:113 Resp: 66586
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.8 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.121 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007319.D

Acq: 28 Jan 2022 14:35

Instrument :

MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(1)

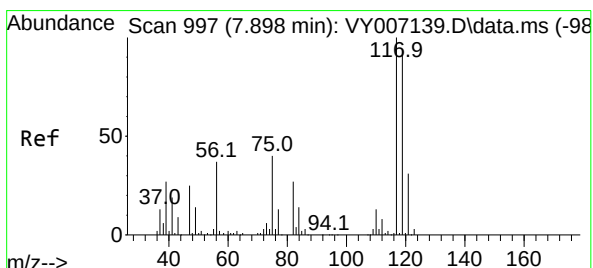
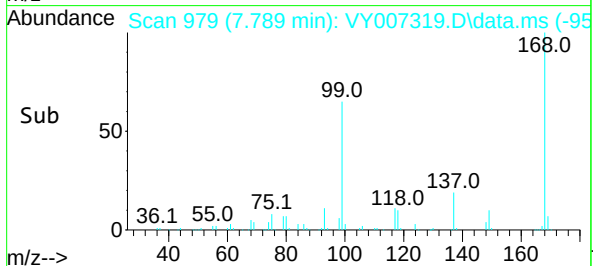
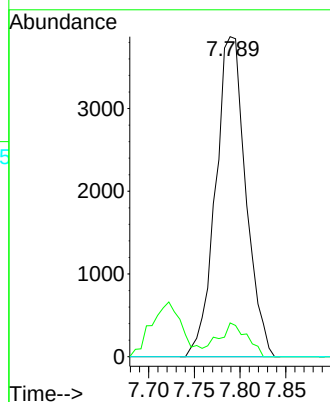
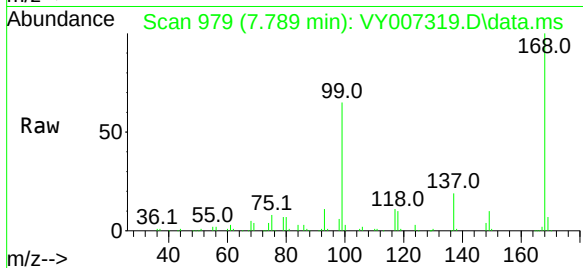
Tgt Ion: 75 Resp: 8878

Ion Ratio Lower Upper

75 100

110 10.0 17.3 51.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.106 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.103 min

Lab File: VY007319.D

Acq: 28 Jan 2022 14:35

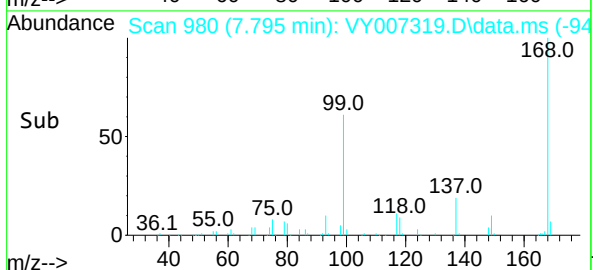
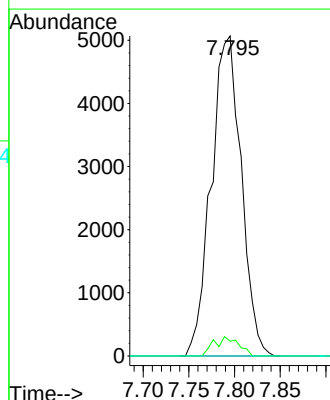
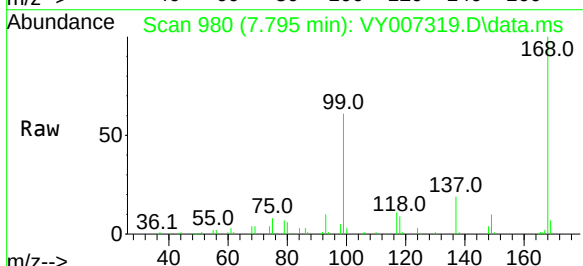
Tgt Ion: 117 Resp: 11570

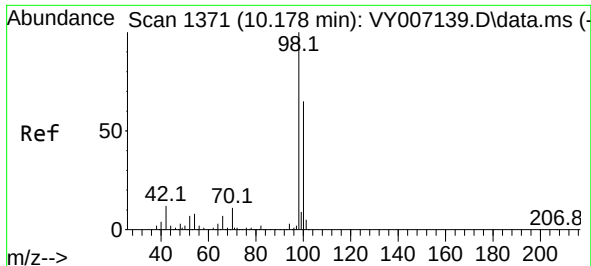
Ion Ratio Lower Upper

117 100

119 4.6 77.2 115.8#

121 0.0 24.2 36.2#

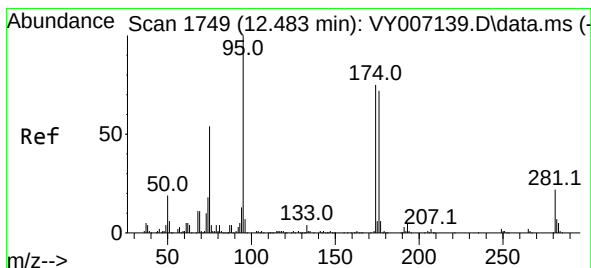
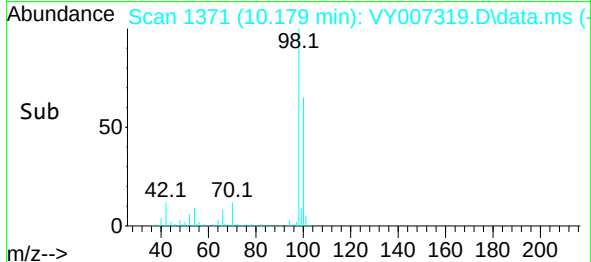
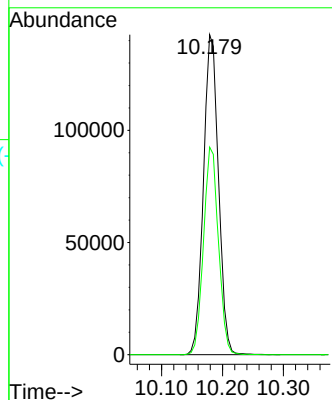
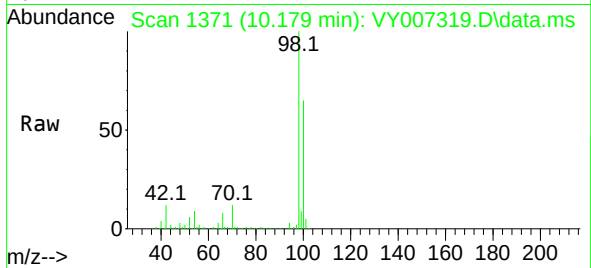




#50
Toluene-d8
Concen: 49.667 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

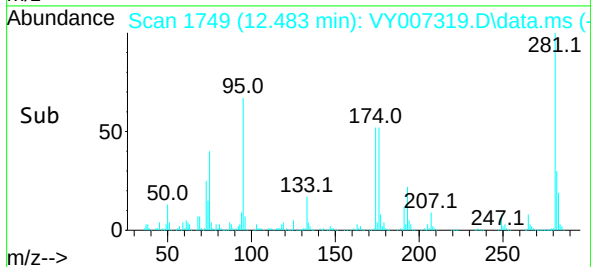
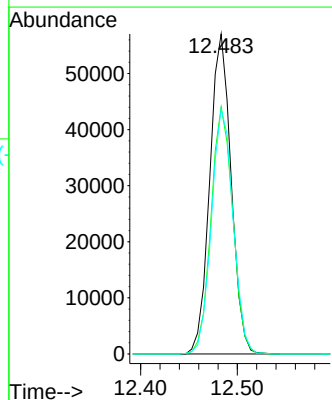
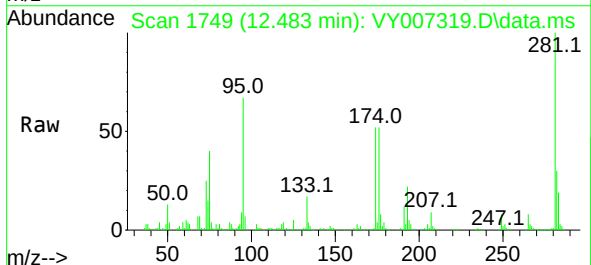
Instrument :
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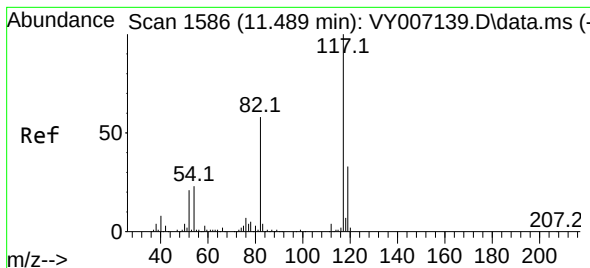
Tgt Ion: 98 Resp: 244815
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.860 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

Tgt Ion: 95 Resp: 87423
Ion Ratio Lower Upper
95 100
174 78.5 0.0 148.4
176 77.8 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007319.D

Acq: 28 Jan 2022 14:35

Instrument :

MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(1)

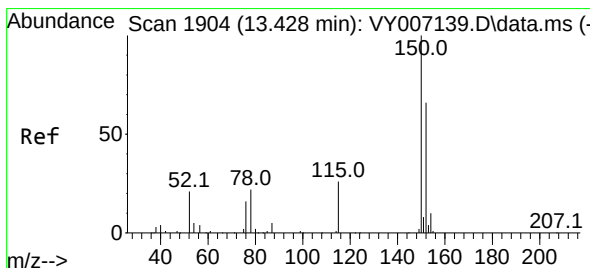
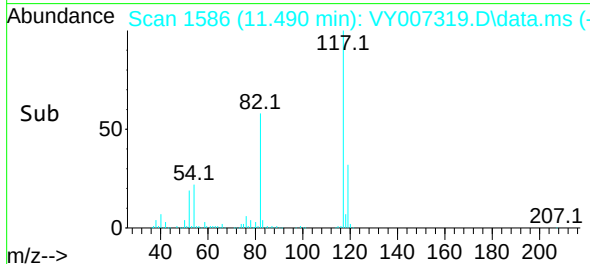
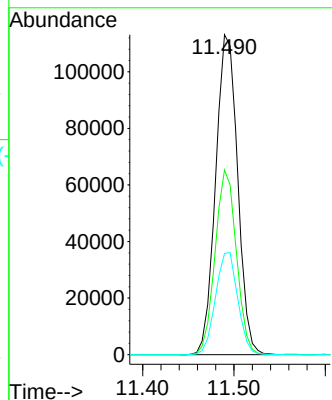
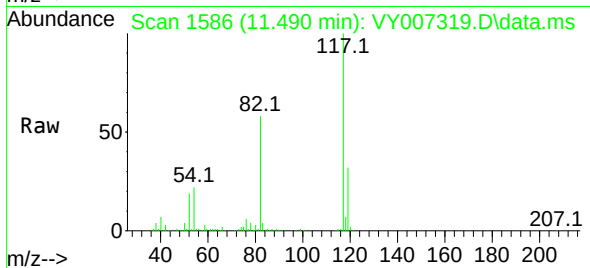
Tgt Ion:117 Resp: 189386

Ion Ratio Lower Upper

117 100

82 57.7 45.4 68.0

119 31.6 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: VY007319.D

Acq: 28 Jan 2022 14:35

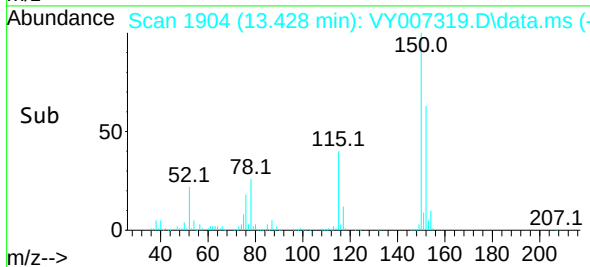
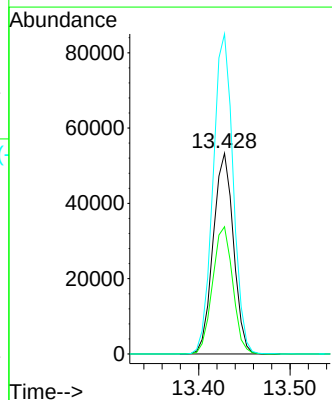
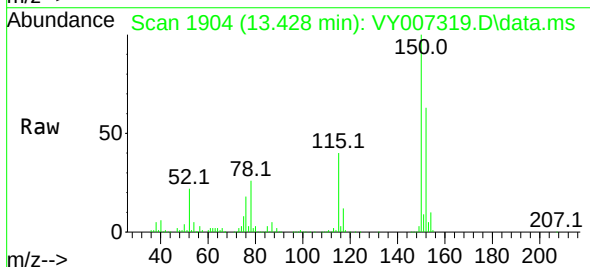
Tgt Ion:152 Resp: 82067

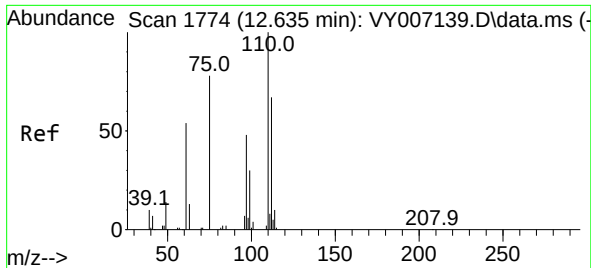
Ion Ratio Lower Upper

152 100

115 63.3 31.4 94.0

150 158.0 0.0 348.4

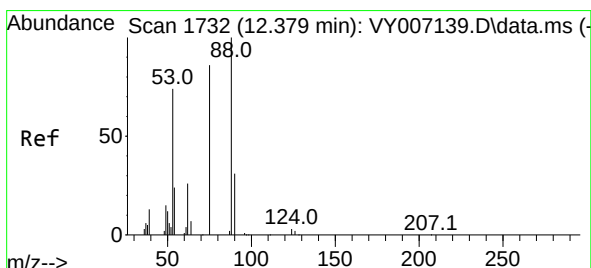
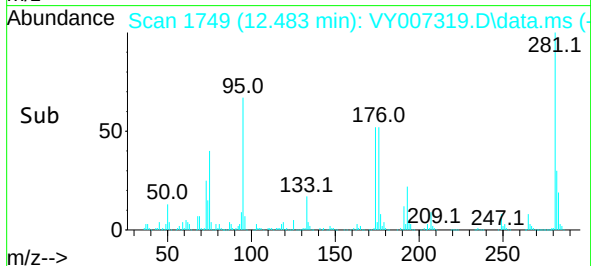
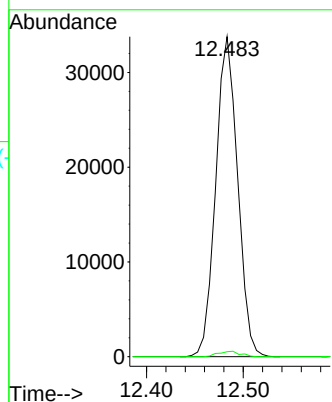
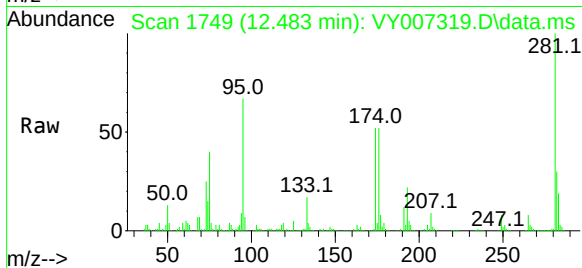




#76
1,2,3-Trichloropropane
Concen: 56.687 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(1)

Tgt Ion: 75 Resp: 53047
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

Tgt Ion: 75 Resp: 53047
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 3.3 0.0 0.0#

