

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007323.D
 Acq On : 28 Jan 2022 16:09
 Operator : SY/MD
 Sample : N1309-05
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(5)

Quant Time: Jan 31 00:30:56 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)

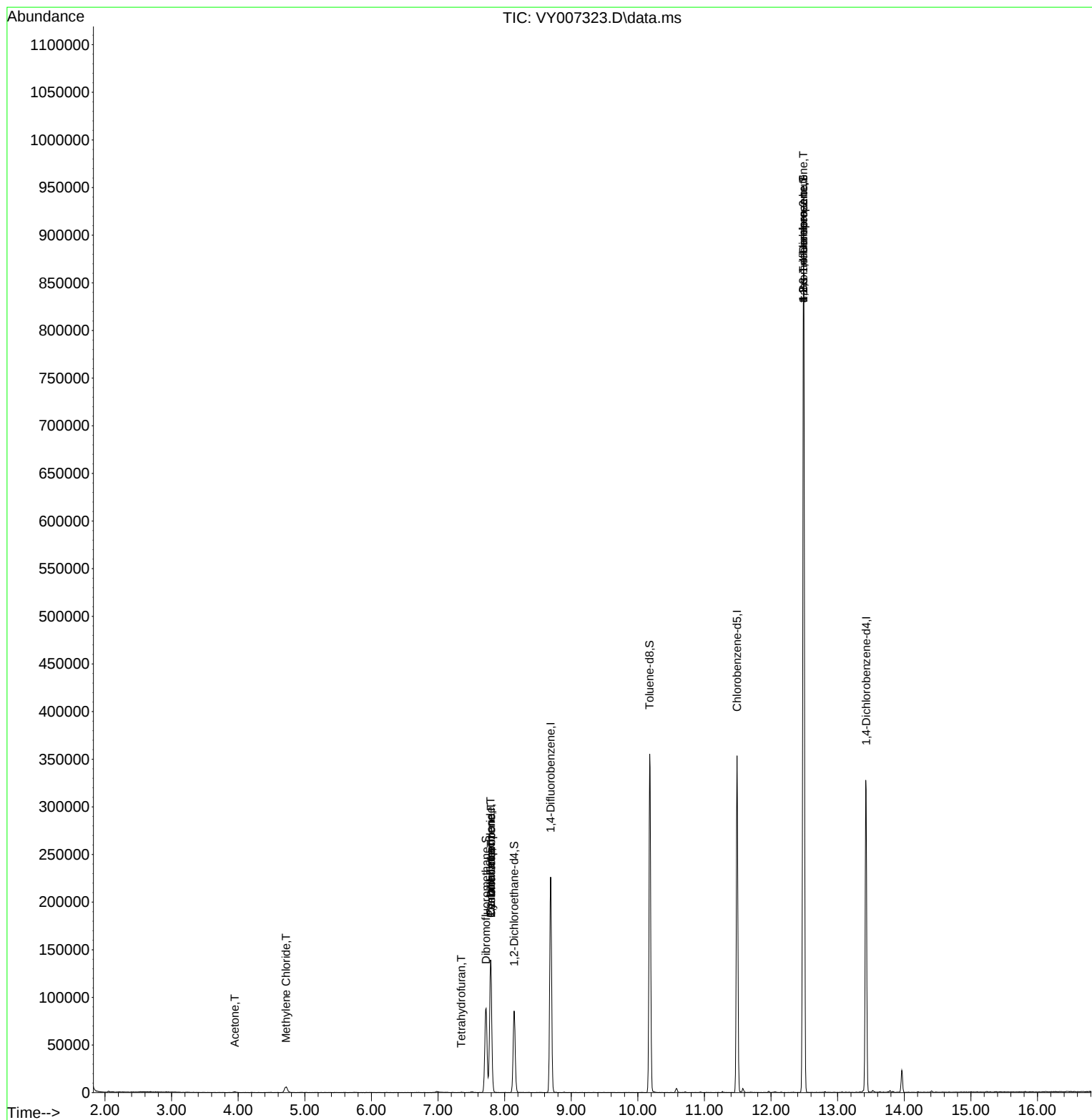
Internal Standards						
1) Pentafluorobenzene	7.795	168	103180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65236	51.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.060%
35) Dibromofluoromethane	7.721	113	63074	48.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.840%
50) Toluene-d8	10.178	98	235734	50.042	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.483	95	87348	52.127	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	133	Below Cal	#	73
16) Acetone	3.948	43	1701	5.177	ug/l	89
20) Methylene Chloride	4.716	84	5022	3.696	ug/l	93
29) Tetrahydrofuran	7.350	42	287	1.051	ug/l	# 32
31) Cyclohexane	7.795	56	2470	1.154	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	8771	4.260	ug/l	# 52
38) Carbon Tetrachloride	7.788	117	11218	5.180	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	53240	58.109	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	53240	106.381	ug/l	# 3

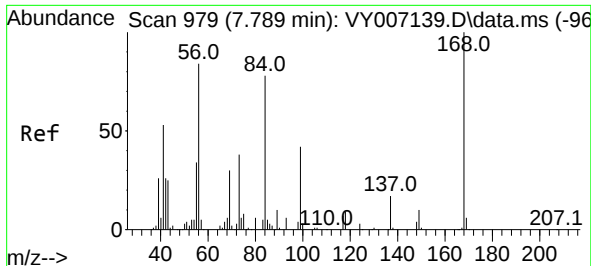
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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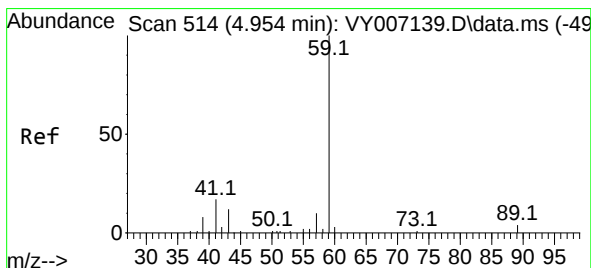
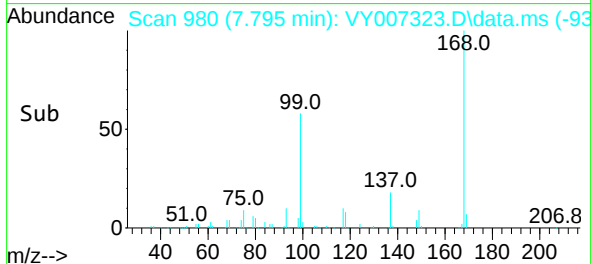
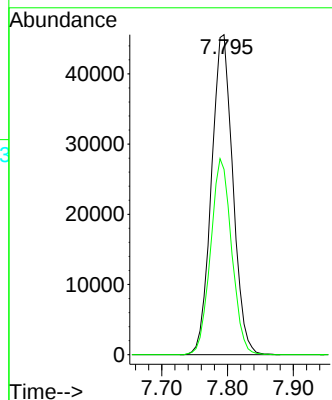
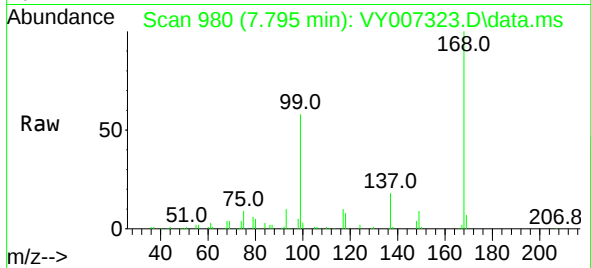




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

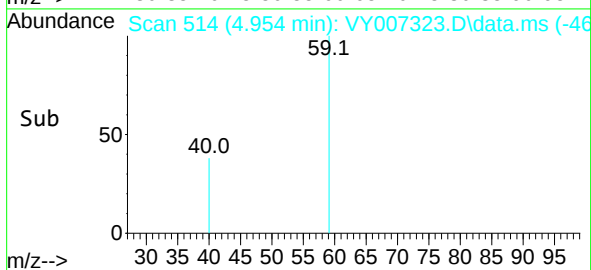
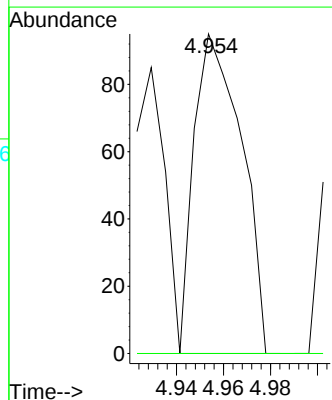
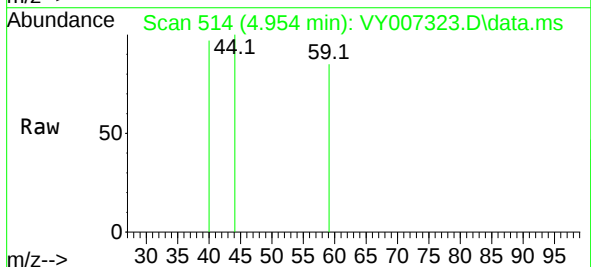
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(5)

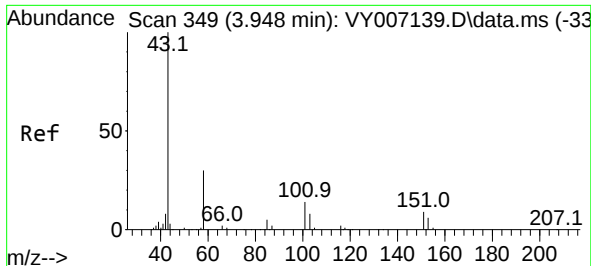
Tgt Ion:168 Resp: 103180
Ion Ratio Lower Upper
168 100
99 57.9 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

Tgt Ion: 59 Resp: 133
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

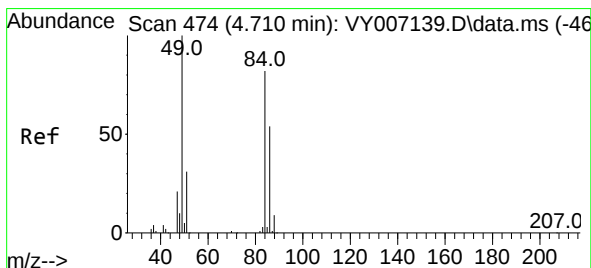
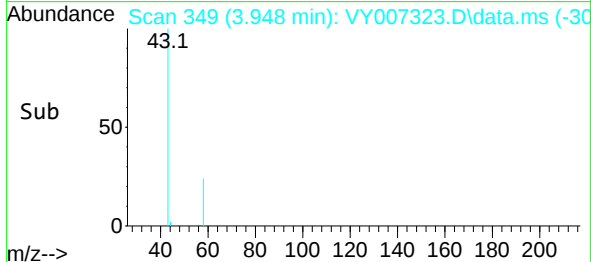
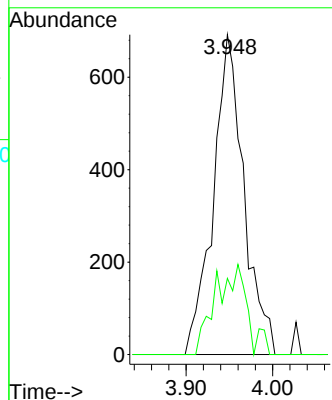
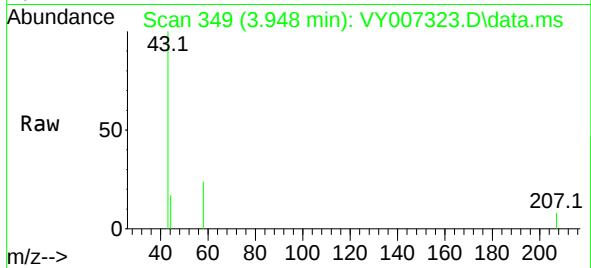




#16
Acetone
Concen: 5.177 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

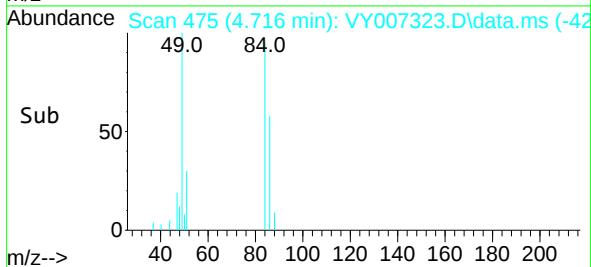
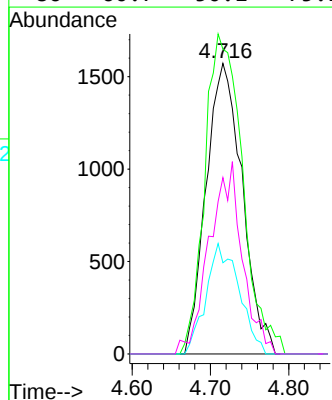
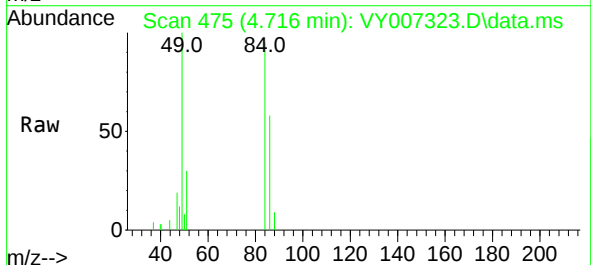
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(5)

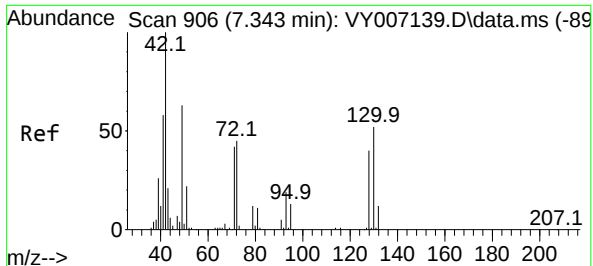
Tgt Ion: 43 Resp: 1701
Ion Ratio Lower Upper
43 100
58 23.8 23.8 35.6



#20
Methylene Chloride
Concen: 3.696 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

Tgt Ion: 84 Resp: 5022
Ion Ratio Lower Upper
84 100
49 104.9 92.6 139.0
51 31.4 28.6 42.8
86 60.7 50.1 75.1





#29

Tetrahydrofuran

Concen: 1.051 ug/l

RT: 7.350 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY007323.D

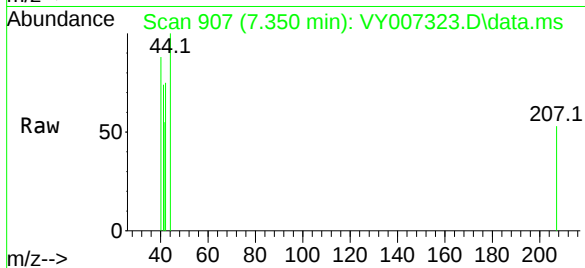
Acq: 28 Jan 2022 16:09

Instrument :

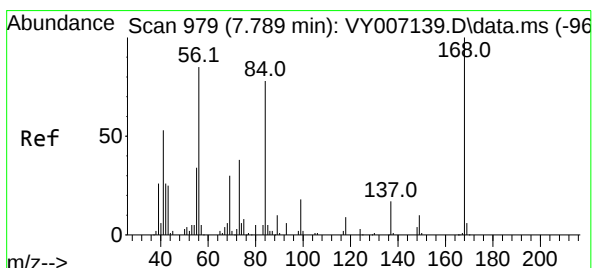
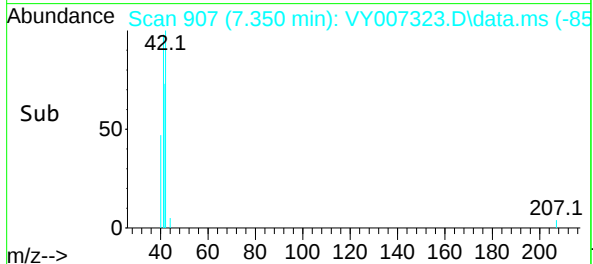
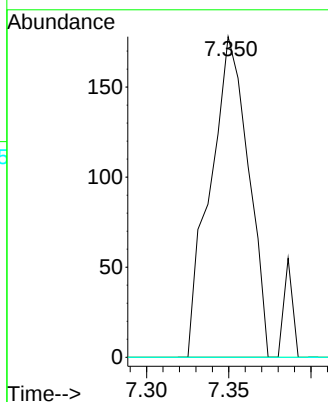
MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(5)



Tgt Ion:	42	Resp:	287
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	34.1	51.1#



#31

Cyclohexane

Concen: 1.154 ug/l

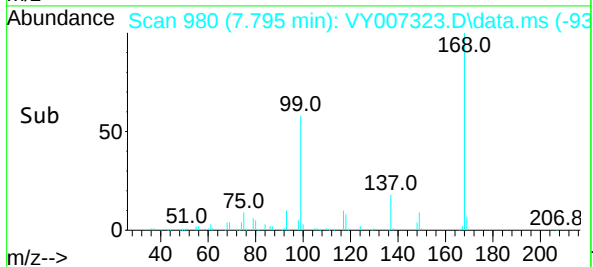
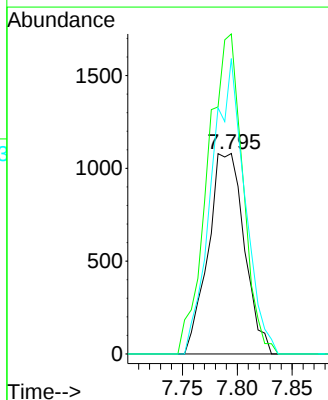
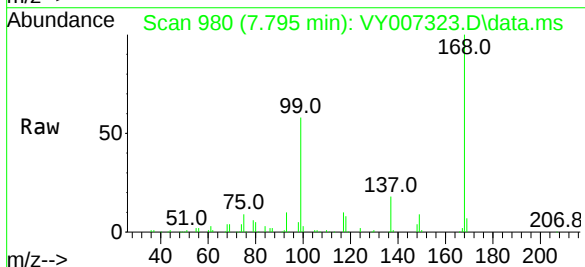
RT: 7.795 min Scan# 980

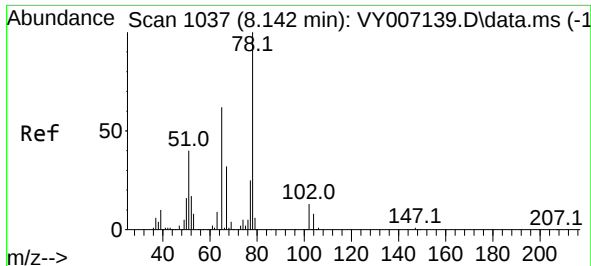
Delta R.T. 0.006 min

Lab File: VY007323.D

Acq: 28 Jan 2022 16:09

Tgt Ion:	56	Resp:	2470
Ion	Ratio	Lower	Upper
56	100		
69	159.6	27.2	40.8#
84	147.3	72.1	108.1#

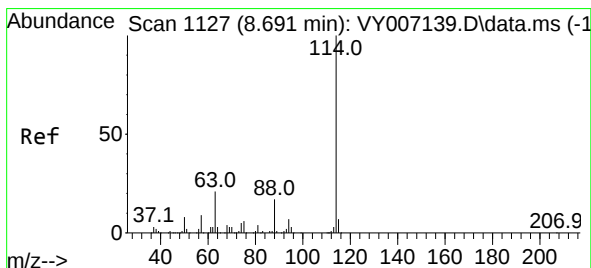
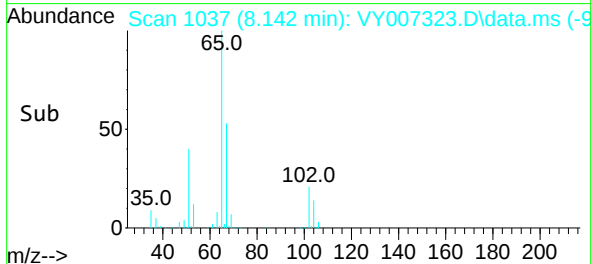
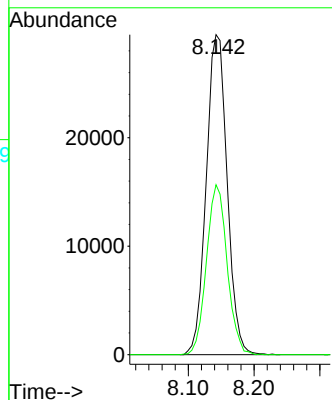
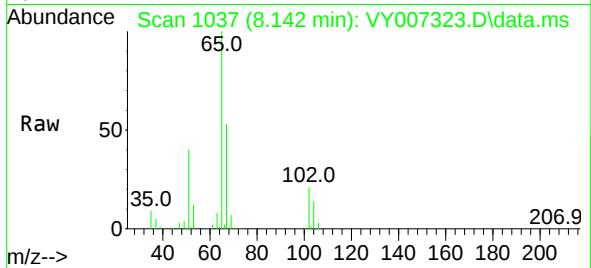




#33
 1,2-Dichloroethane-d4
 Concen: 51.528 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY007323.D
 Acq: 28 Jan 2022 16:09

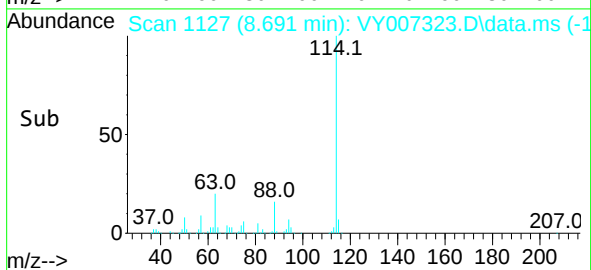
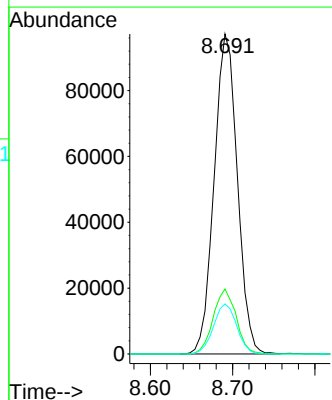
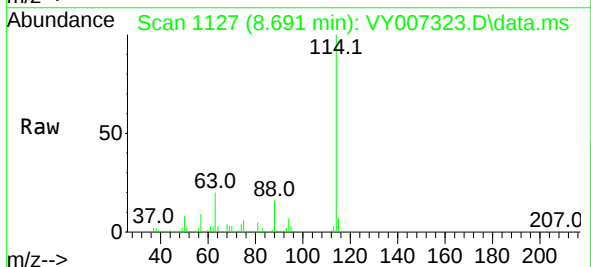
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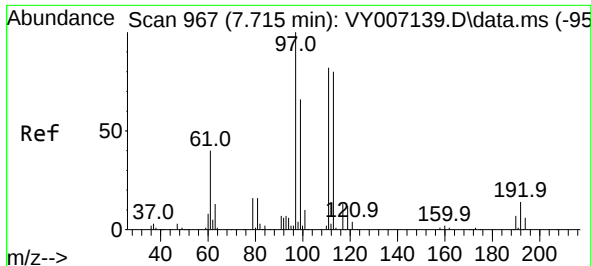
Tgt Ion: 65 Resp: 65236
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY007323.D
 Acq: 28 Jan 2022 16:09

Tgt Ion: 114 Resp: 190659
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.2
 88 15.6 0.0 31.0

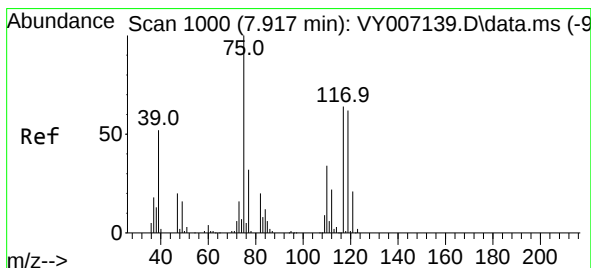
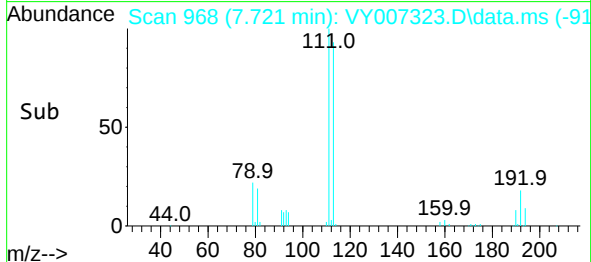
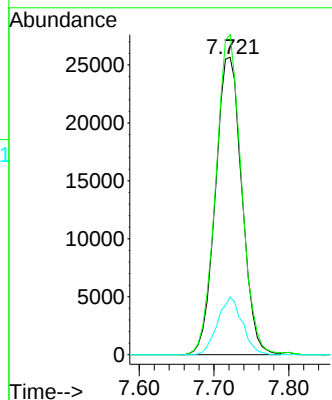
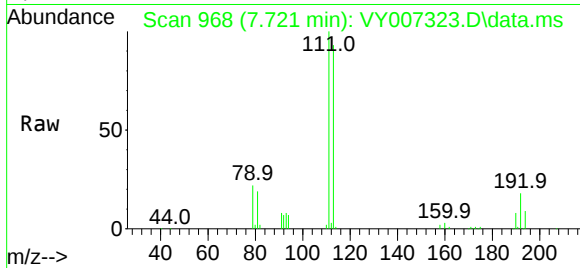




#35
Dibromofluoromethane
Concen: 48.925 ug/l
RT: 7.721 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

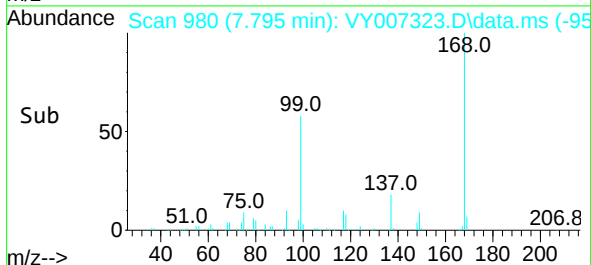
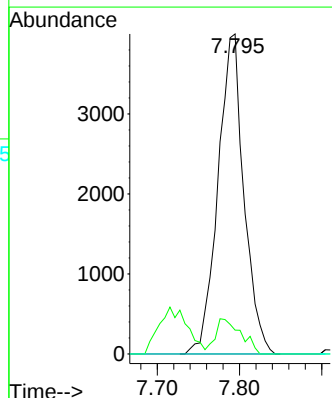
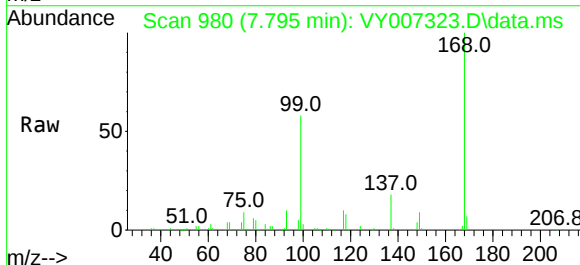
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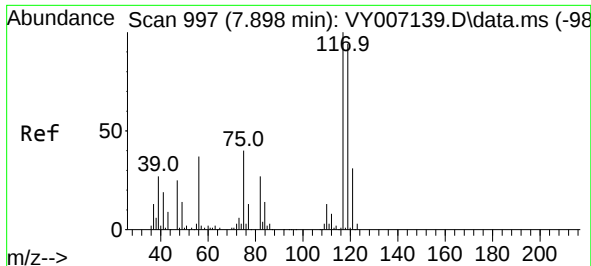
Tgt Ion:113 Resp: 63074
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 18.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.260 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

Tgt Ion: 75 Resp: 8771
Ion Ratio Lower Upper
75 100
110 10.8 17.3 51.9#
77 0.0 24.7 37.1#

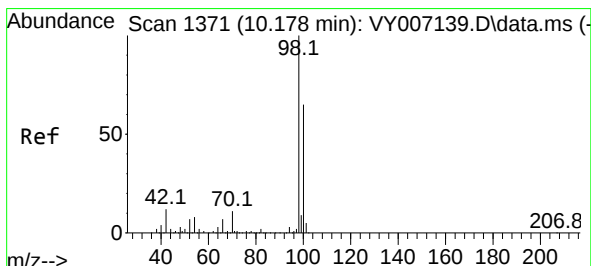
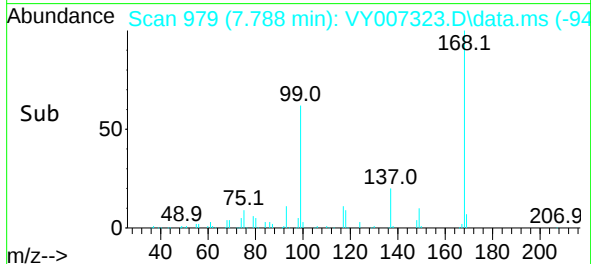
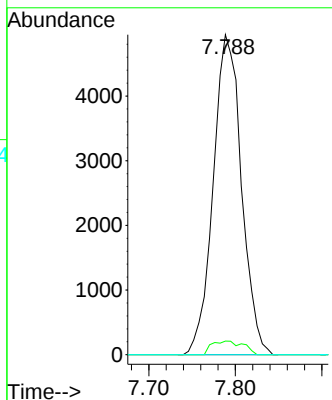
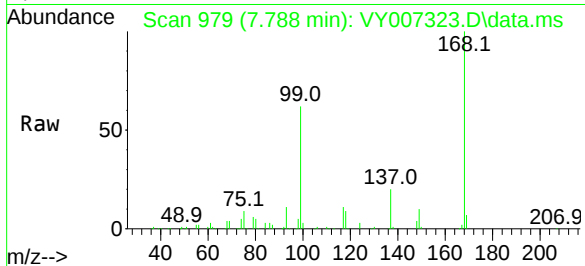




#38
Carbon Tetrachloride
Concen: 5.180 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

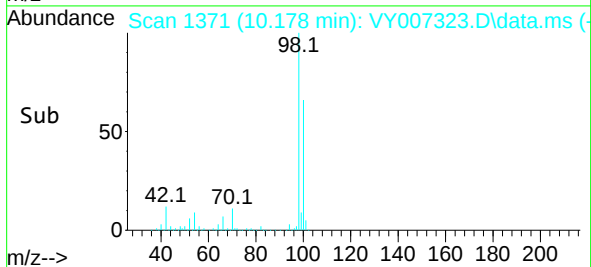
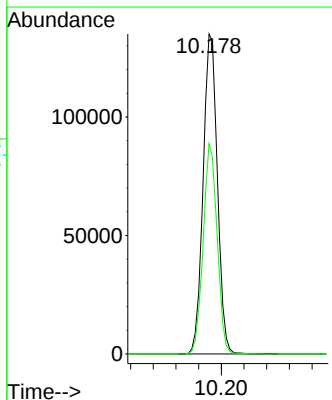
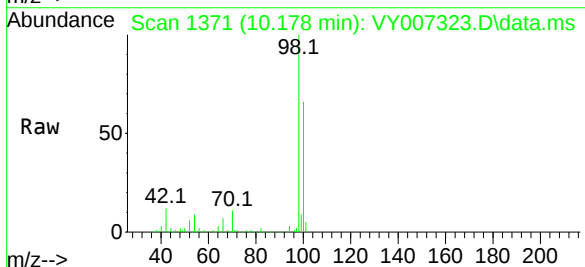
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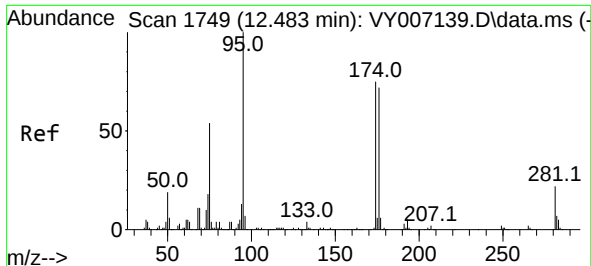
Tgt Ion:117 Resp: 11218
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.042 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

Tgt Ion: 98 Resp: 235734
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

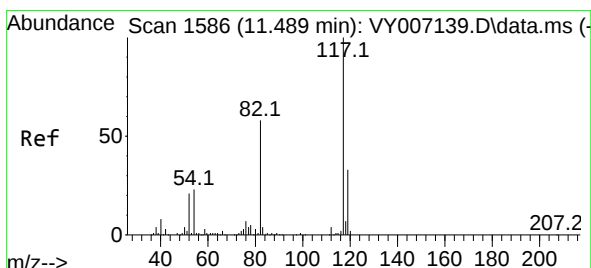
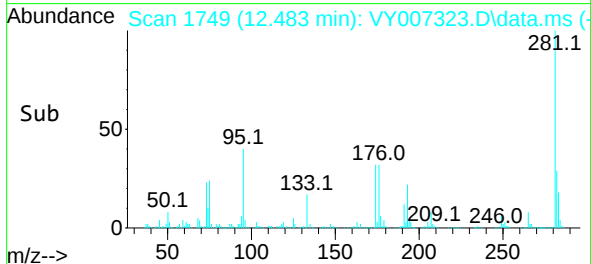
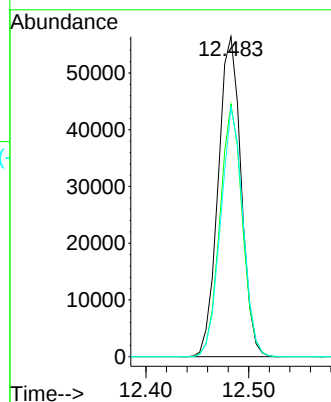
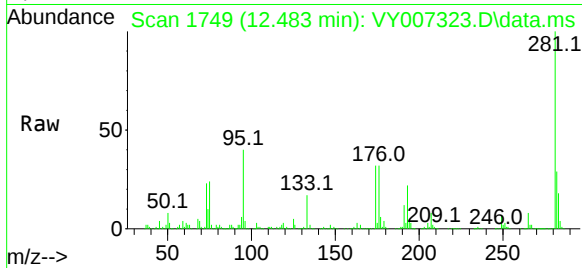




#62
4-Bromofluorobenzene
Concen: 52.127 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

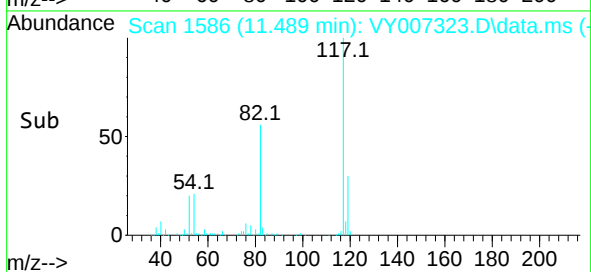
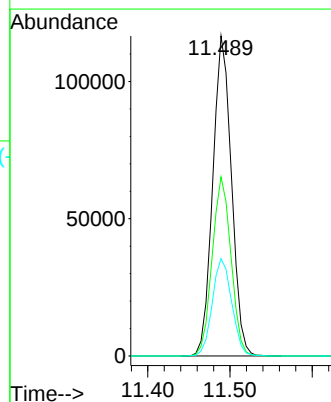
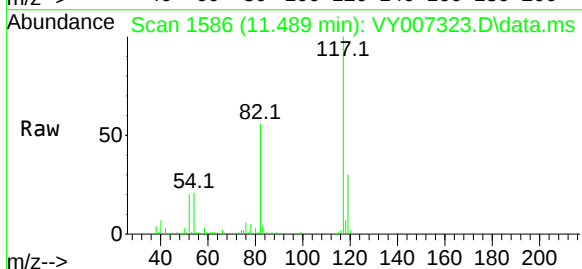
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(5)

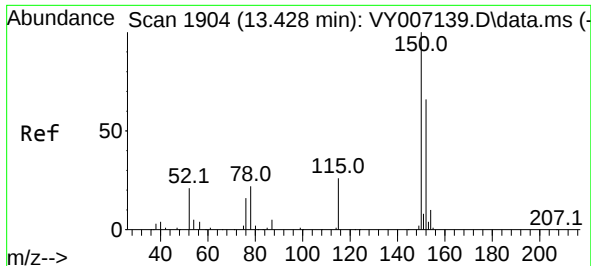
Tgt Ion: 95 Resp: 87348
Ion Ratio Lower Upper
95 100
174 76.8 0.0 148.4
176 75.7 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

Tgt Ion: 117 Resp: 184169
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 30.4 26.4 39.6

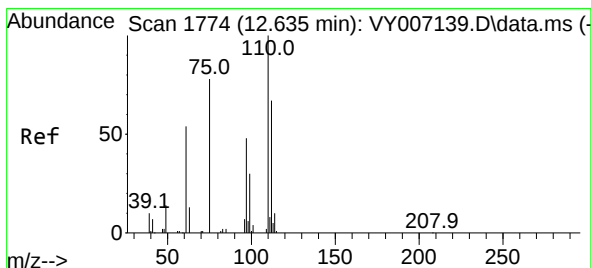
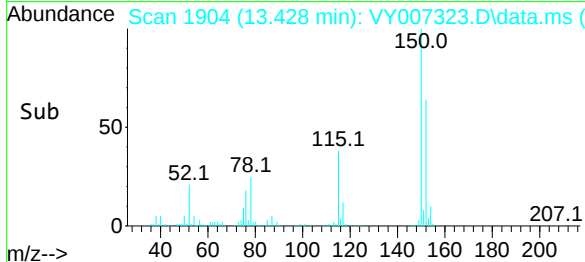
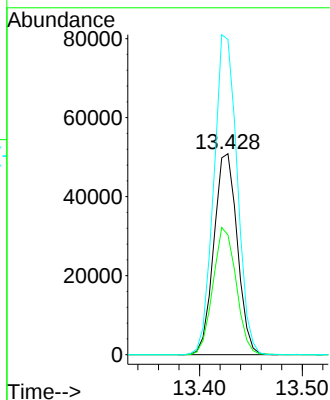
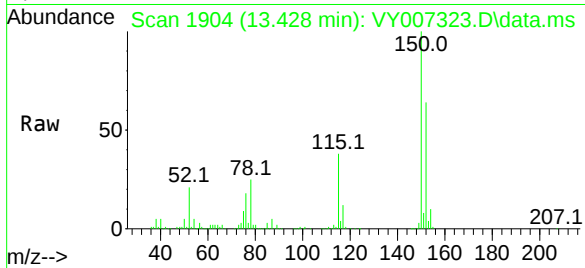




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007323.D
 Acq: 28 Jan 2022 16:09

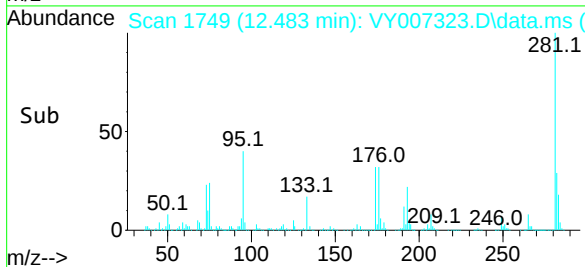
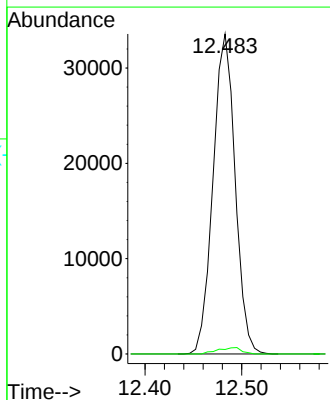
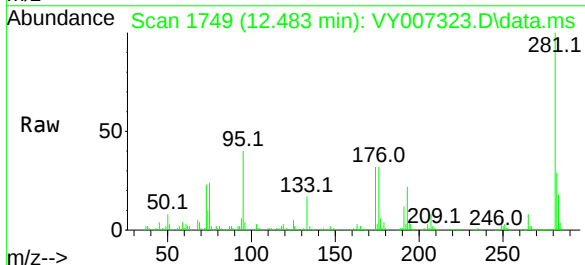
Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(5)

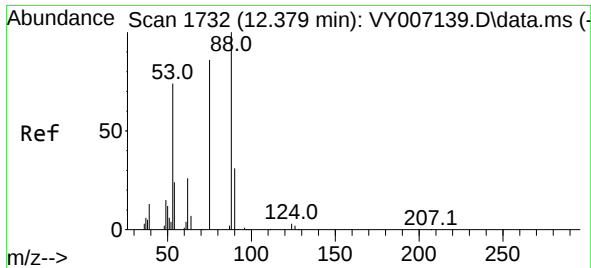
Tgt Ion:152 Resp: 80351
 Ion Ratio Lower Upper
 152 100
 115 62.6 31.4 94.0
 150 158.9 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 58.109 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007323.D
 Acq: 28 Jan 2022 16:09

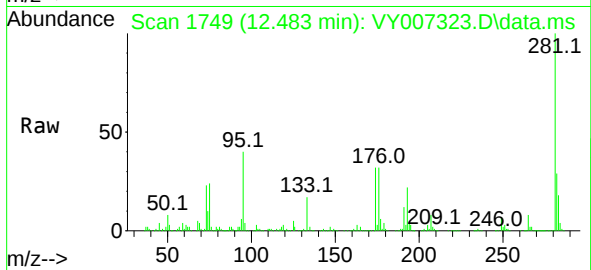
Tgt Ion: 75 Resp: 53240
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 106.381 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(5)



Tgt Ion: 75 Resp: 53240
Ion Ratio Lower Upper
75 100
53 0.1 73.9 110.9#
89 4.4 0.0 0.0#

