

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007326.D
 Acq On : 28 Jan 2022 17:19
 Operator : SY/MD
 Sample : N1309-08
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(8)

Quant Time: Jan 31 00:31:21 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)

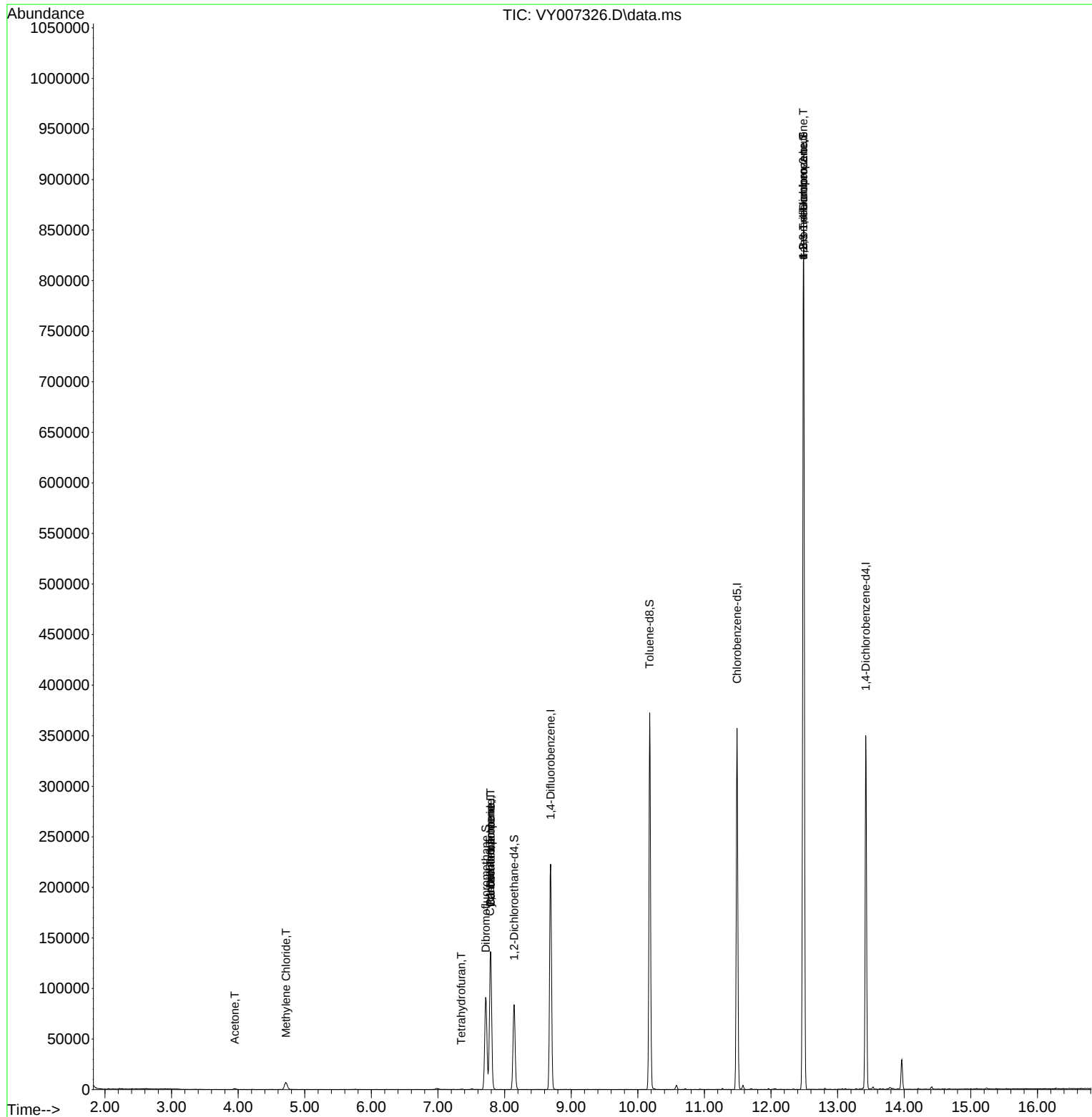
Internal Standards						
1) Pentafluorobenzene	7.789	168	103262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	192717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	82830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66281	52.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.620%	
35) Dibromofluoromethane	7.716	113	65081	49.942	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.880%	
50) Toluene-d8	10.179	98	237424	49.863	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	12.483	95	88539	52.274	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	169	Below Cal	#	73
16) Acetone	3.948	43	1740	5.292	ug/l #	88
20) Methylene Chloride	4.716	84	5596	4.116	ug/l	90
29) Tetrahydrofuran	7.350	42	377	1.379	ug/l #	36
31) Cyclohexane	7.783	56	2298	1.073	ug/l #	18
36) 1,1-Dichloropropene	7.789	75	8677	4.169	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11181	5.107	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	54068	57.246	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54068	104.802	ug/l #	3

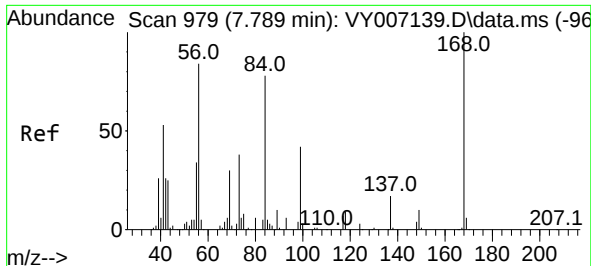
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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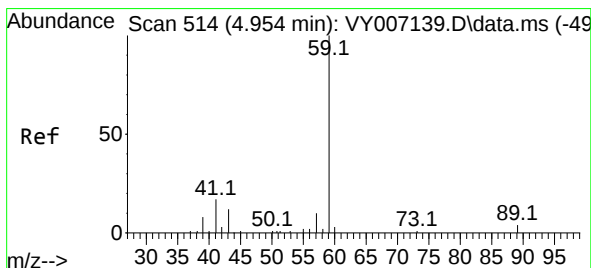
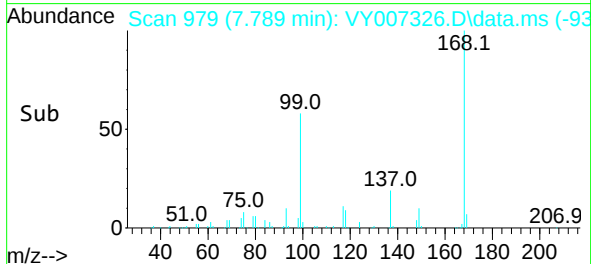
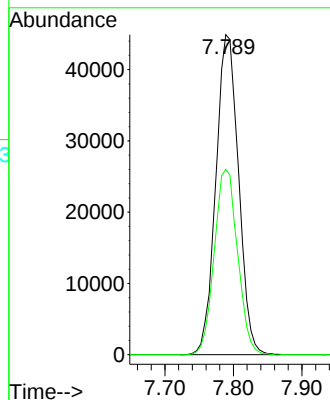
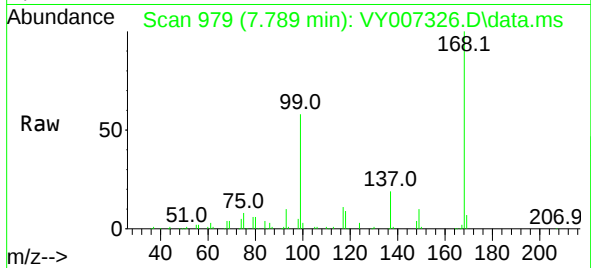




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007326.D
Acq: 28 Jan 2022 17:19

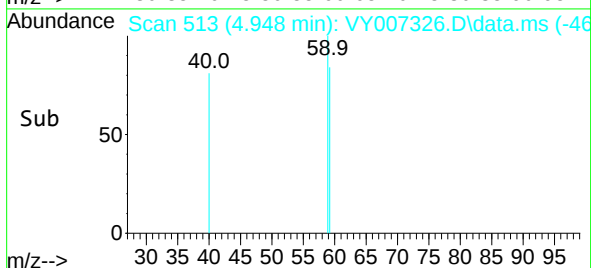
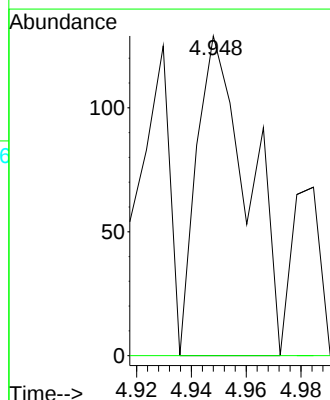
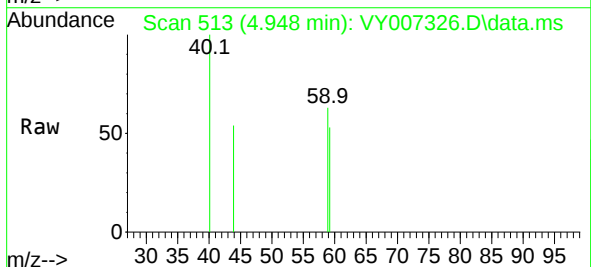
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(8)

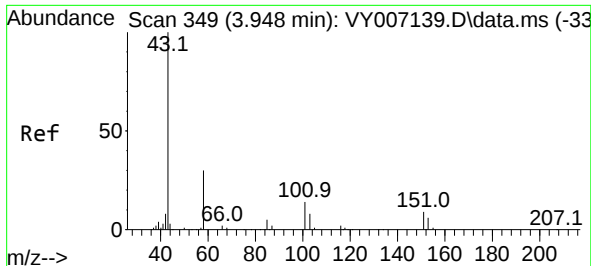
Tgt Ion:168 Resp: 103262
Ion Ratio Lower Upper
168 100
99 57.9 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007326.D
Acq: 28 Jan 2022 17:19

Tgt Ion: 59 Resp: 169
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

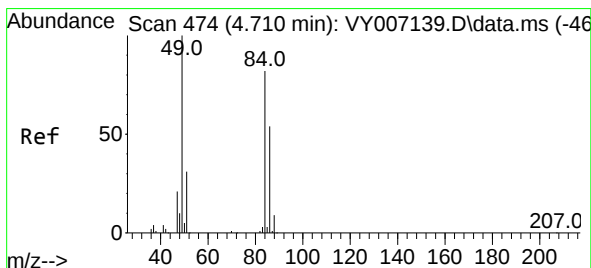
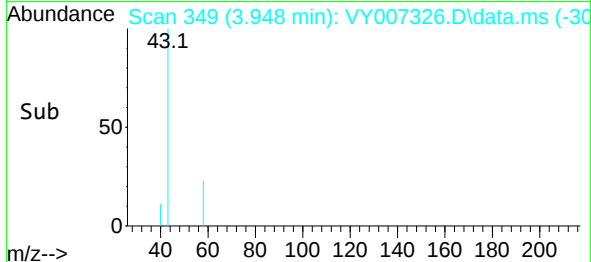
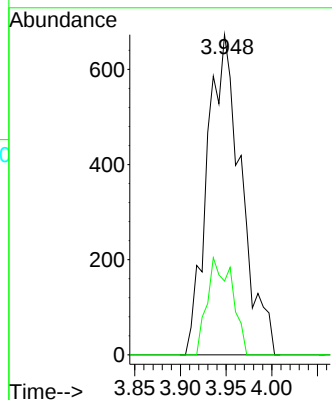
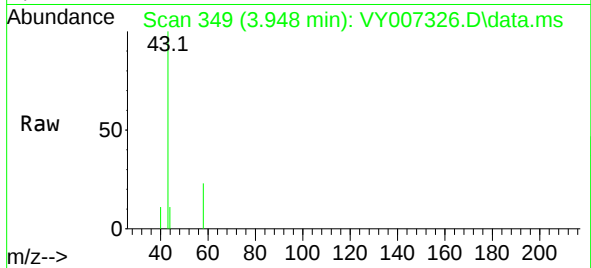




#16
Acetone
Concen: 5.292 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007326.D
Acq: 28 Jan 2022 17:19

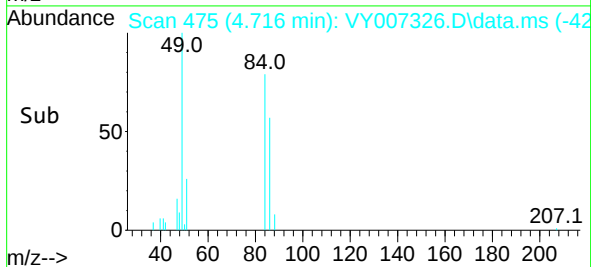
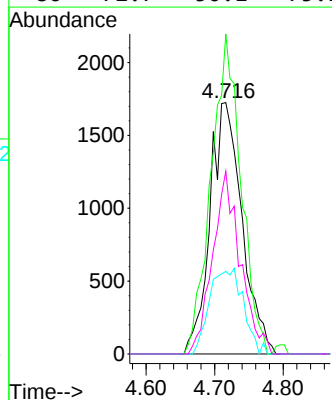
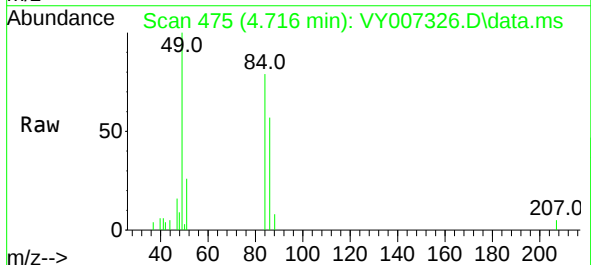
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(8)

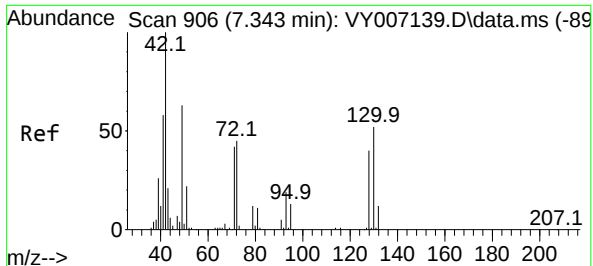
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
58 23.0 23.8 35.6#



#20
Methylene Chloride
Concen: 4.116 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY007326.D
Acq: 28 Jan 2022 17:19

Tgt Ion: 84 Resp: 5596
Ion Ratio Lower Upper
84 100
49 127.3 92.6 139.0
51 32.8 28.6 42.8
86 72.7 50.1 75.1





#29

Tetrahydrofuran

Concen: 1.379 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007326.D

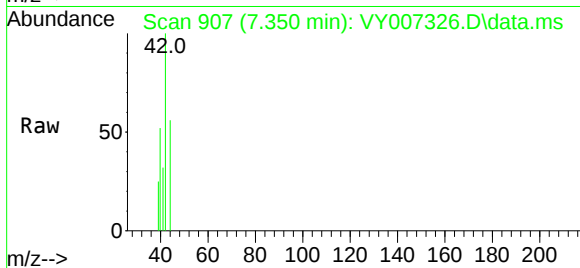
Acq: 28 Jan 2022 17:19

Instrument :

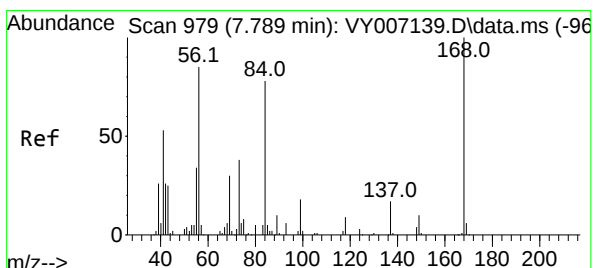
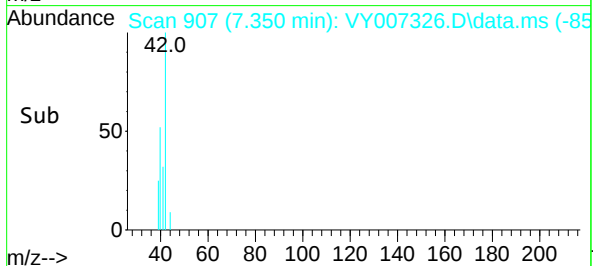
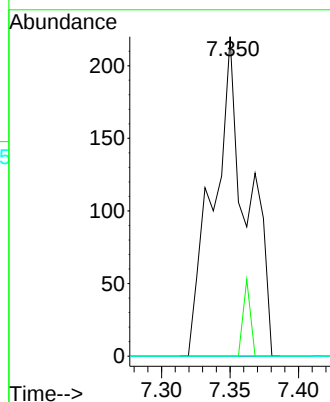
MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(8)



Tgt Ion:	42	Resp:	377
Ion	Ratio	Lower	Upper
42	100		
72	5.0	36.6	54.8#
71	0.0	34.1	51.1#



#31

Cyclohexane

Concen: 1.073 ug/l

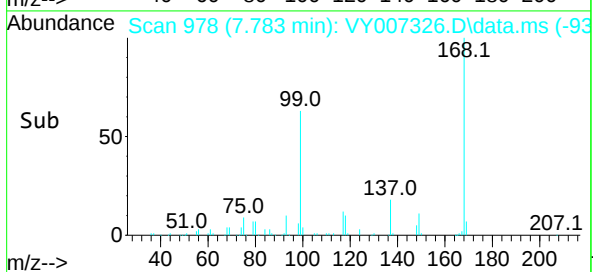
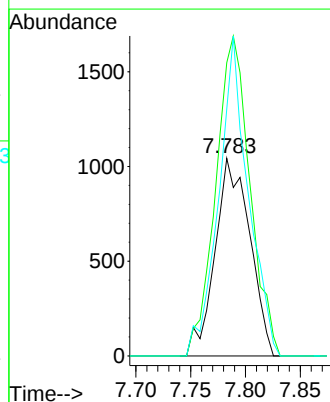
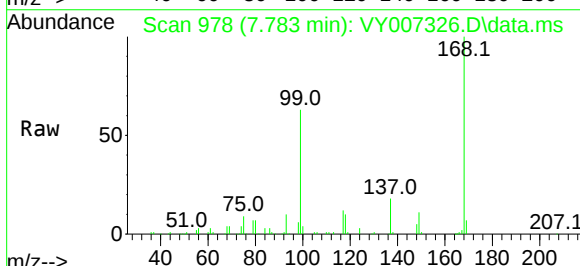
RT: 7.783 min Scan# 978

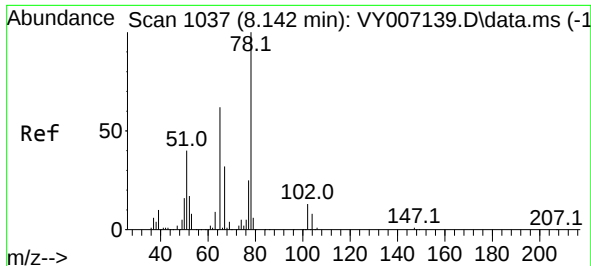
Delta R.T. -0.006 min

Lab File: VY007326.D

Acq: 28 Jan 2022 17:19

Tgt Ion:	56	Resp:	2298
Ion	Ratio	Lower	Upper
56	100		
69	148.4	27.2	40.8#
84	124.9	72.1	108.1#

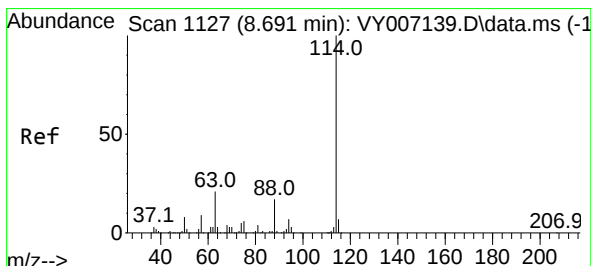
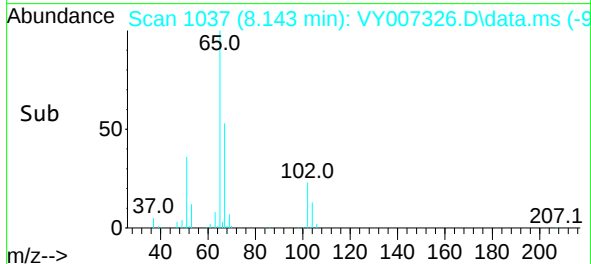
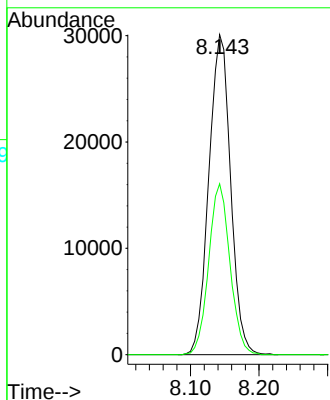
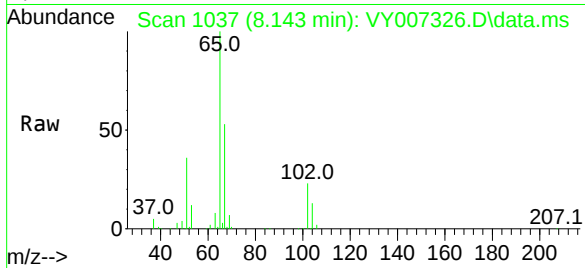




#33
 1,2-Dichloroethane-d4
 Concen: 52.312 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007326.D
 Acq: 28 Jan 2022 17:19

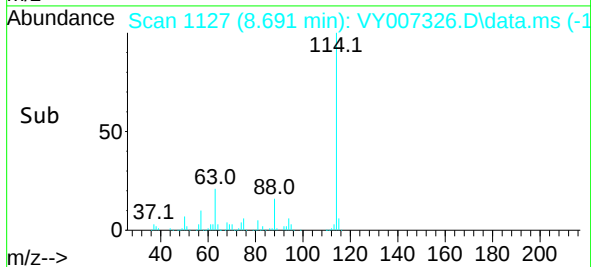
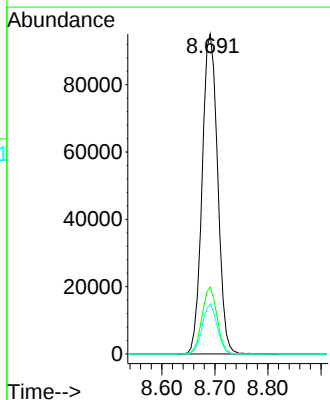
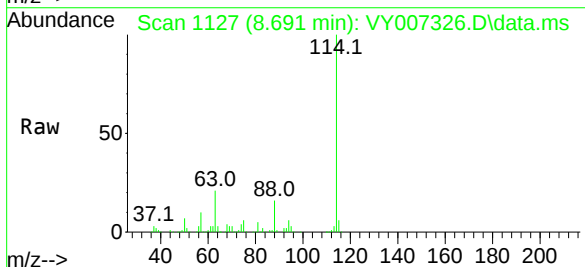
Instrument :
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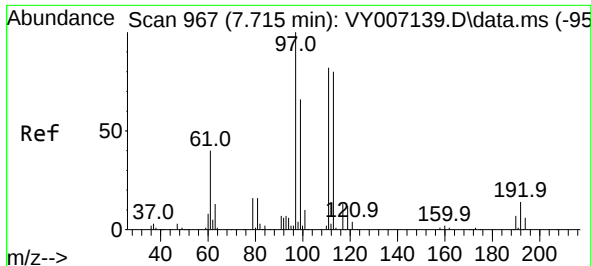
Tgt Ion: 65 Resp: 66281
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007326.D
 Acq: 28 Jan 2022 17:19

Tgt Ion: 114 Resp: 192717
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.2
 88 15.6 0.0 31.0

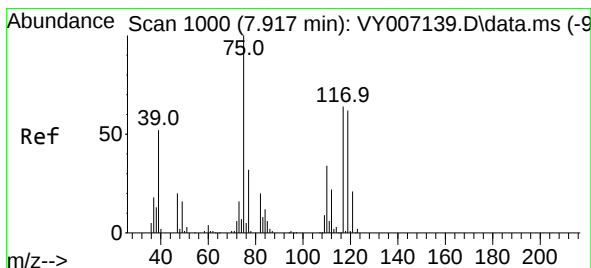
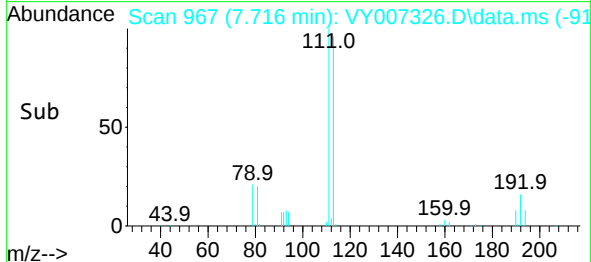
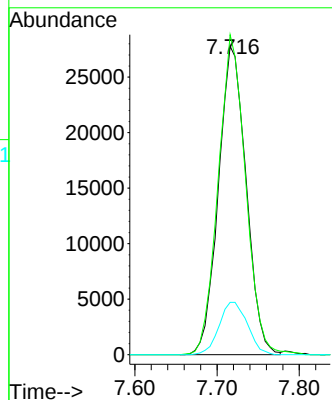
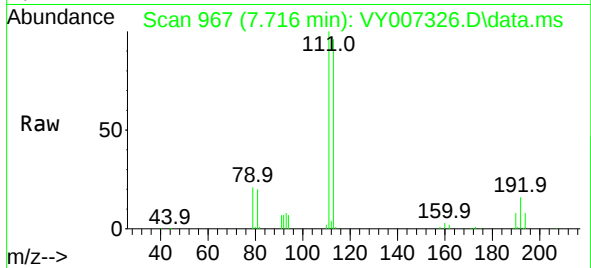




#35
Dibromofluoromethane
Concen: 49.942 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007326.D
Acq: 28 Jan 2022 17:19

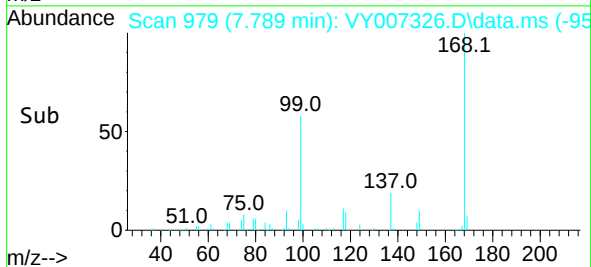
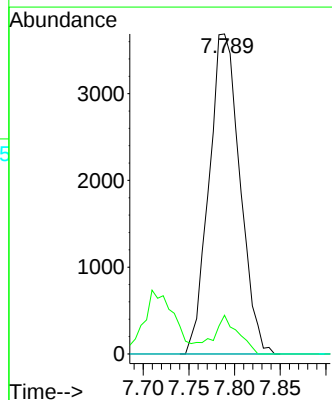
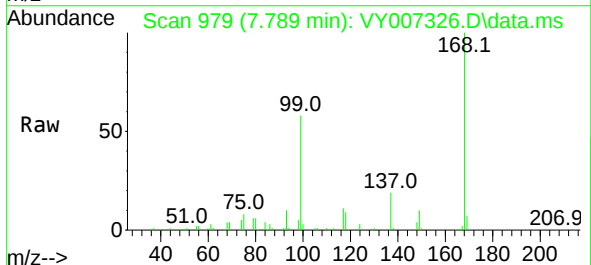
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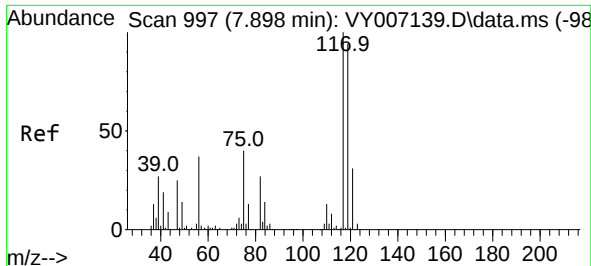
Tgt Ion:113 Resp: 65081
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 17.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.169 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007326.D
Acq: 28 Jan 2022 17:19

Tgt Ion: 75 Resp: 8677
Ion Ratio Lower Upper
75 100
110 9.0 17.3 51.9#
77 0.0 24.7 37.1#

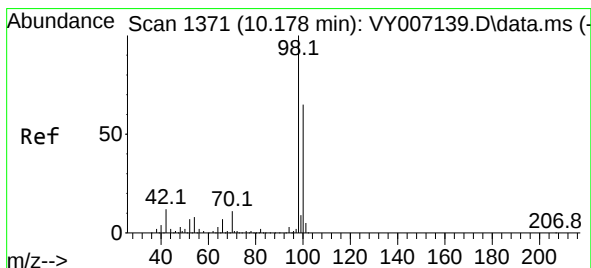
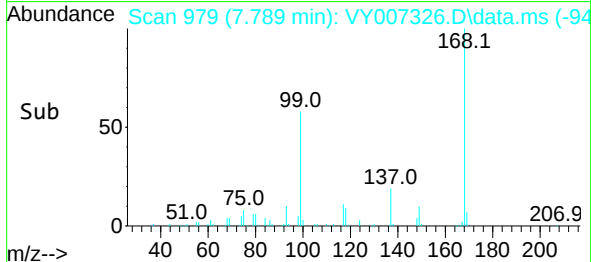
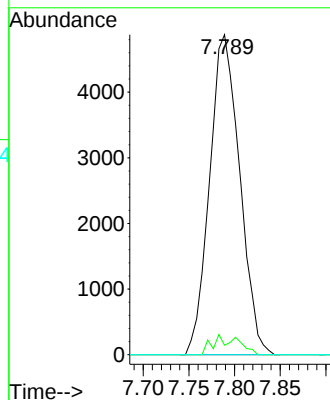
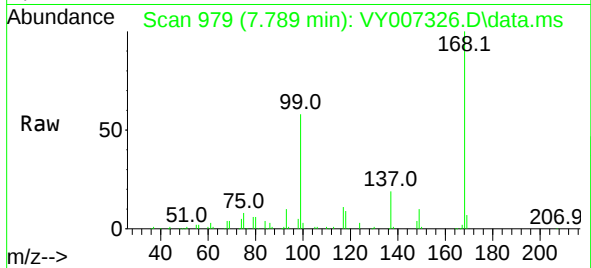




#38
Carbon Tetrachloride
Concen: 5.107 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.109 min
Lab File: VY007326.D
Acq: 28 Jan 2022 17:19

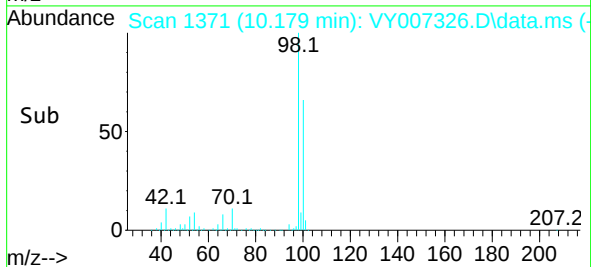
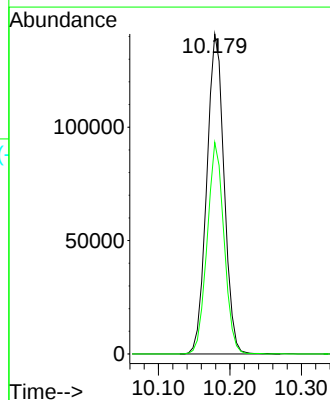
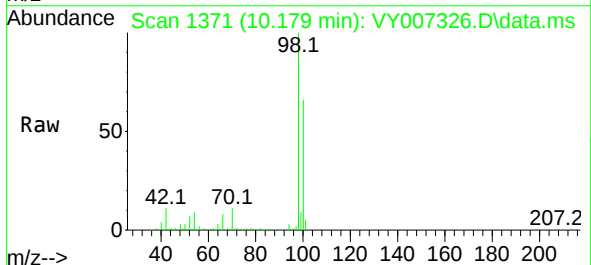
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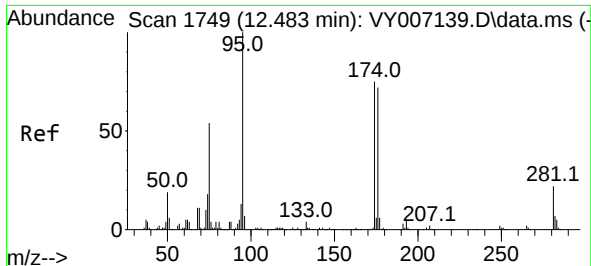
Tgt Ion:117 Resp: 11181
Ion Ratio Lower Upper
117 100
119 3.0 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.863 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007326.D
Acq: 28 Jan 2022 17:19

Tgt Ion: 98 Resp: 237424
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

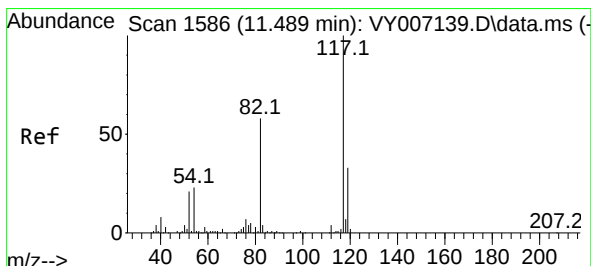
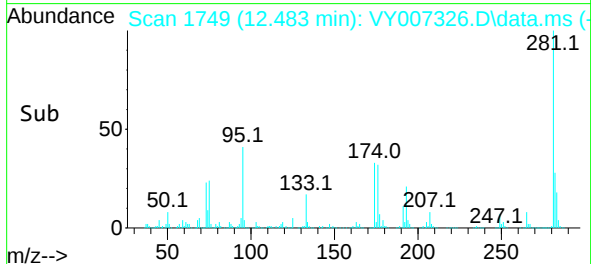
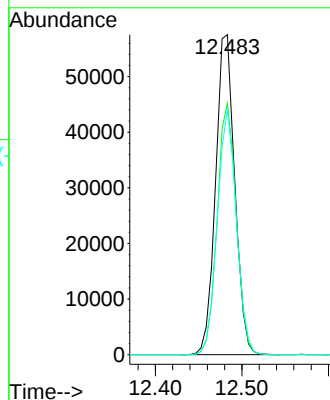
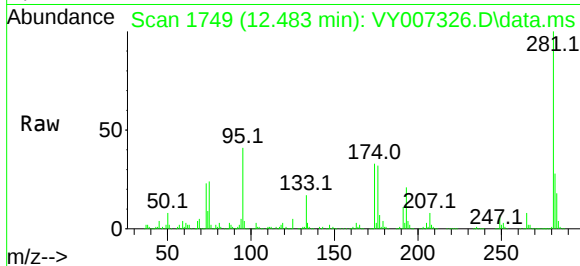




#62
4-Bromofluorobenzene
Concen: 52.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007326.D
Acq: 28 Jan 2022 17:19

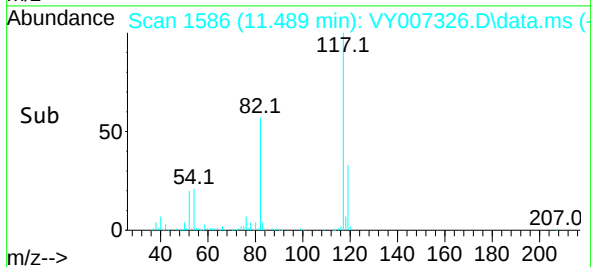
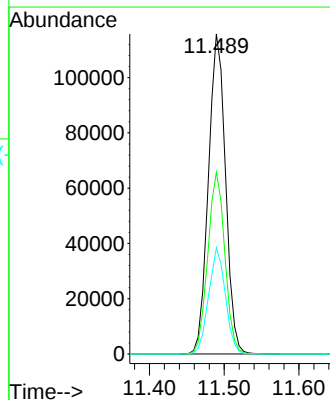
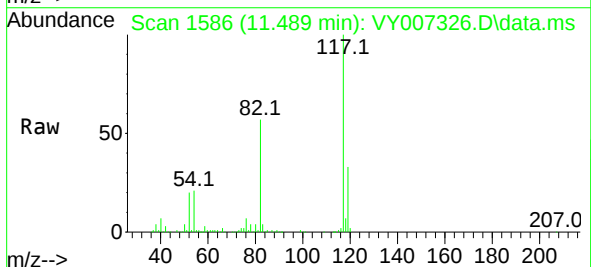
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(8)

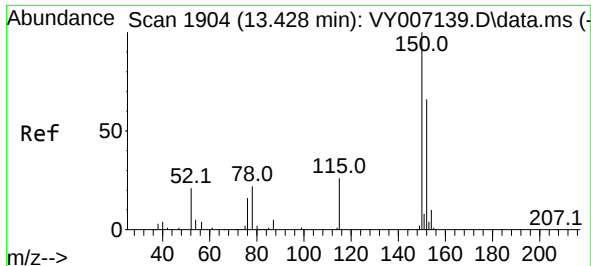
Tgt Ion: 95 Resp: 88539
Ion Ratio Lower Upper
95 100
174 77.9 0.0 148.4
176 76.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007326.D
Acq: 28 Jan 2022 17:19

Tgt Ion: 117 Resp: 184546
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.0
119 33.2 26.4 39.6

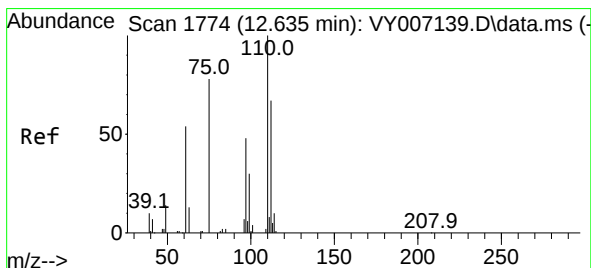
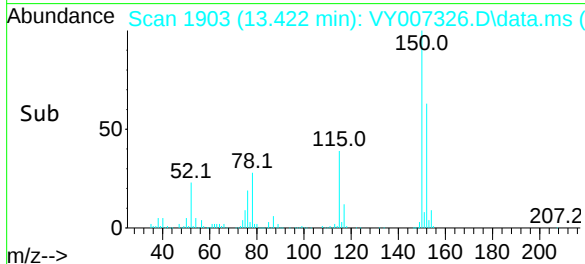
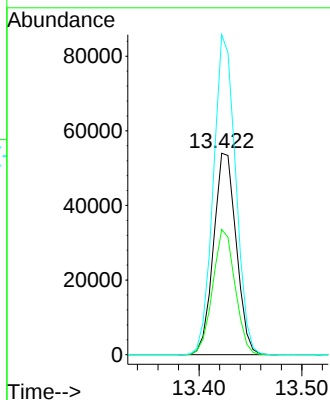
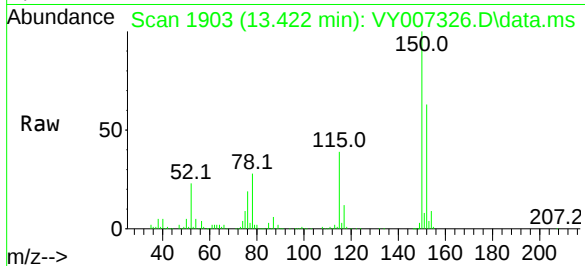




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY007326.D
 Acq: 28 Jan 2022 17:19

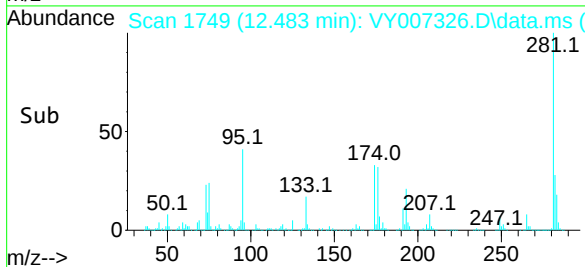
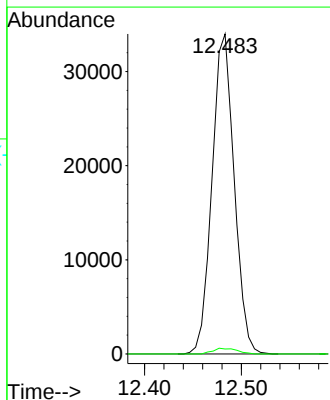
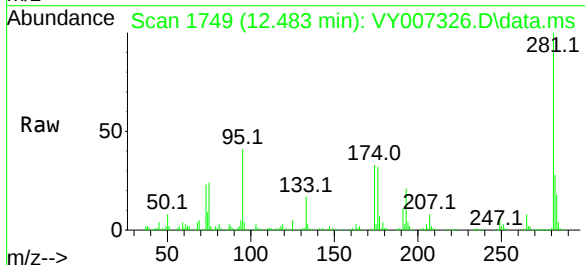
Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(8)

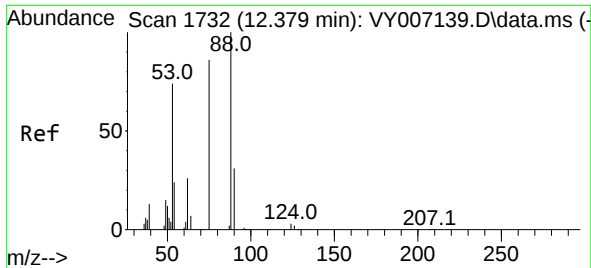
Tgt Ion:152 Resp: 82830
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.4 94.0
 150 156.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 57.246 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007326.D
 Acq: 28 Jan 2022 17:19

Tgt Ion: 75 Resp: 54068
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.802 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007326.D
 Acq: 28 Jan 2022 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(8)

Tgt Ion: 75 Resp: 54068
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 4.6 0.0 0.0#

