

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007322.D
 Acq On : 28 Jan 2022 15:45
 Operator : SY/MD
 Sample : N1309-04
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(4)

Quant Time: Jan 31 00:30:48 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)

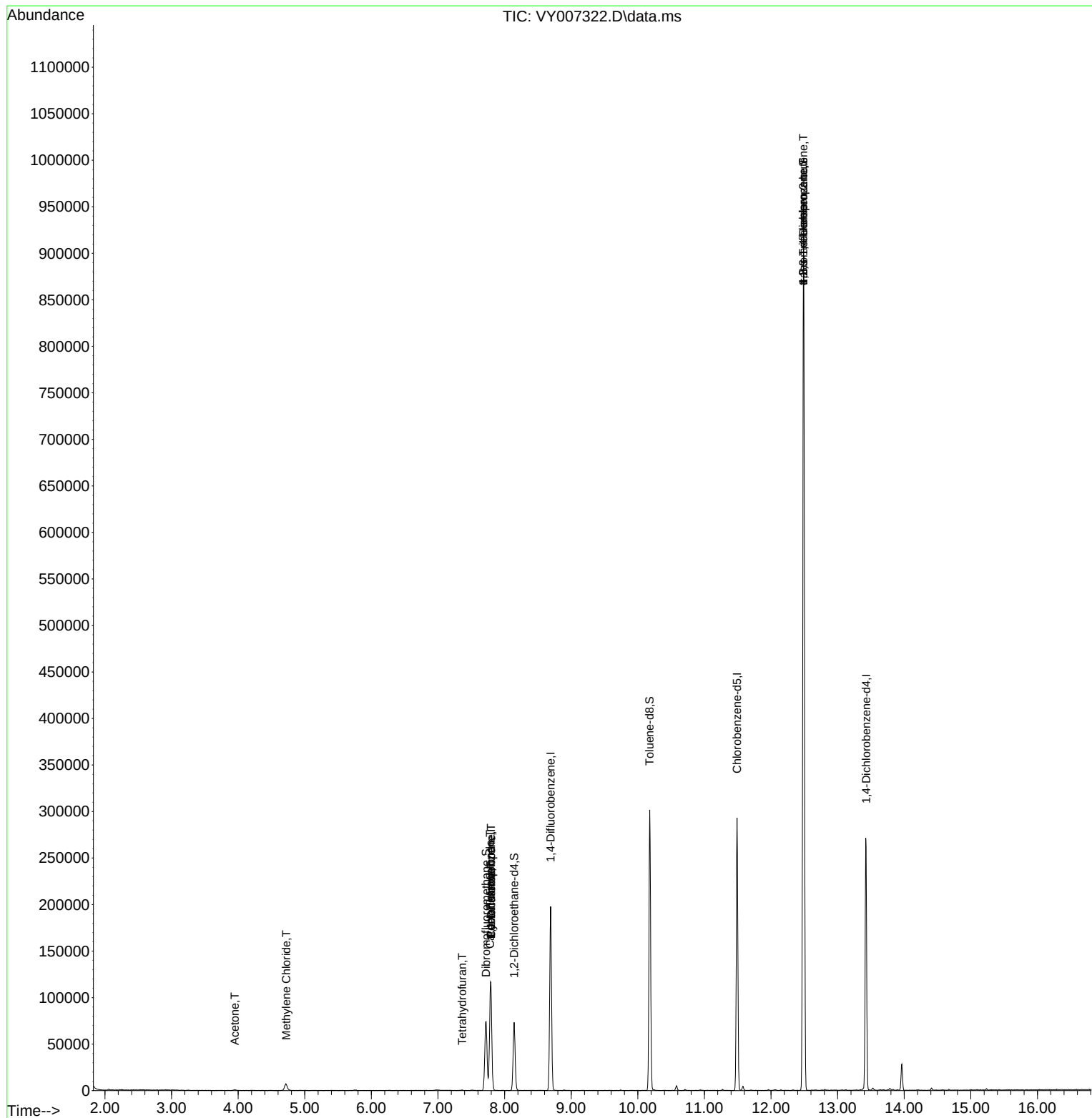
Internal Standards						
1) Pentafluorobenzene	7.795	168	85863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	161675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	153364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54363	51.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.200%	
35) Dibromofluoromethane	7.722	113	53423	48.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.740%	
50) Toluene-d8	10.179	98	197184	49.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.720%	
62) 4-Bromofluorobenzene	12.483	95	71482	50.306	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	301	Below Cal	#	73
16) Acetone	3.948	43	1668	6.100	ug/l	98
20) Methylene Chloride	4.722	84	5232	4.628	ug/l	95
29) Tetrahydrofuran	7.362	42	288	1.267	ug/l #	81
31) Cyclohexane	7.795	56	2026	1.137	ug/l #	46
36) 1,1-Dichloropropene	7.795	75	7544	4.321	ug/l #	51
38) Carbon Tetrachloride	7.783	117	9847	5.362	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	45965	61.291	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45965	112.206	ug/l #	4

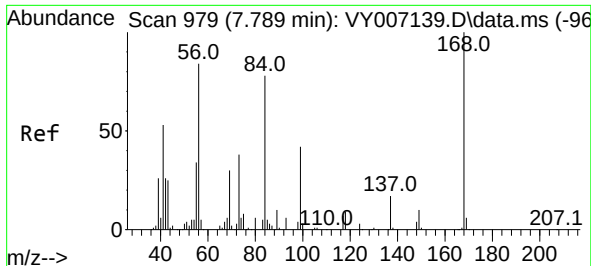
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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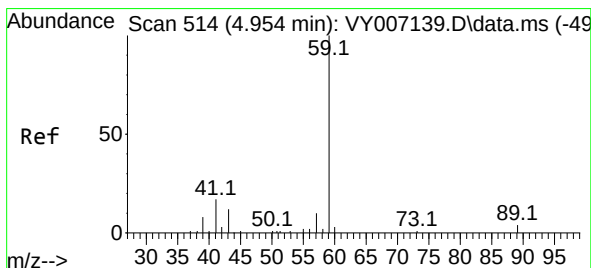
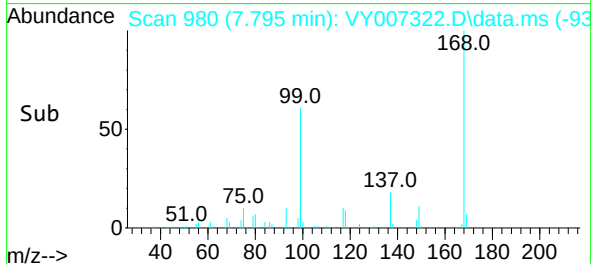
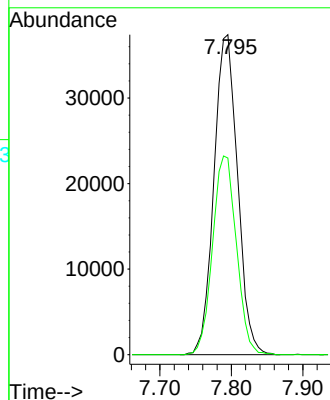
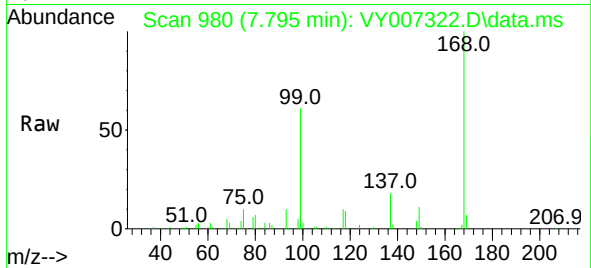




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

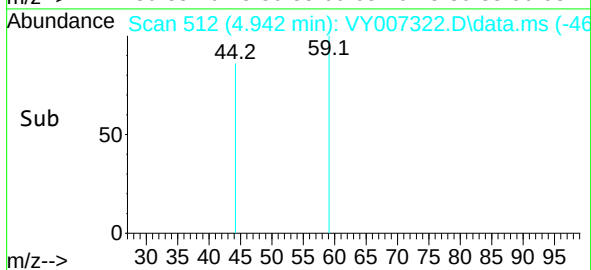
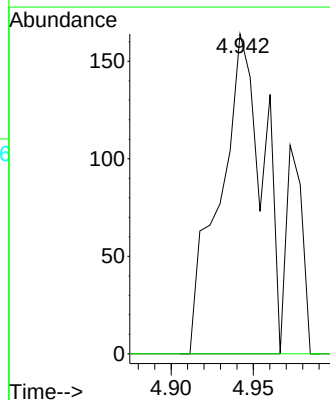
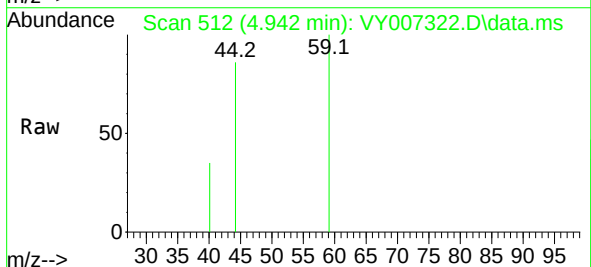
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(4)

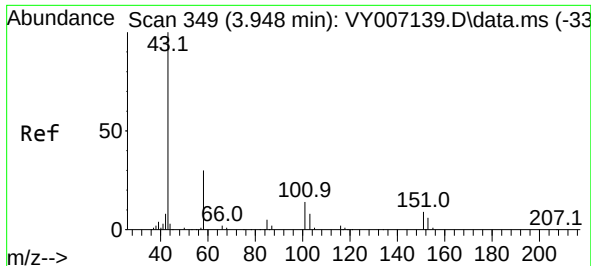
Tgt Ion:168 Resp: 85863
Ion Ratio Lower Upper
168 100
99 61.5 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

Tgt Ion: 59 Resp: 301
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

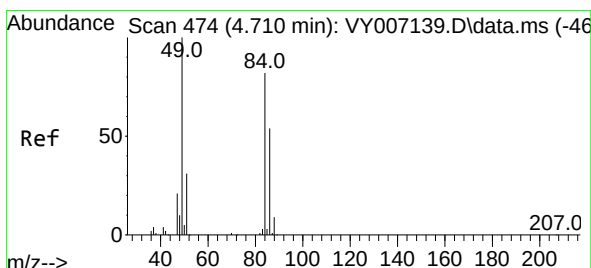
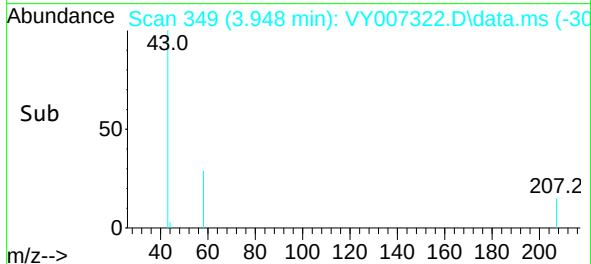
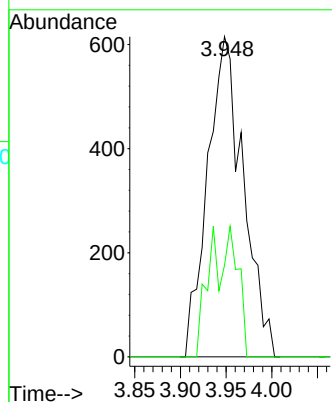
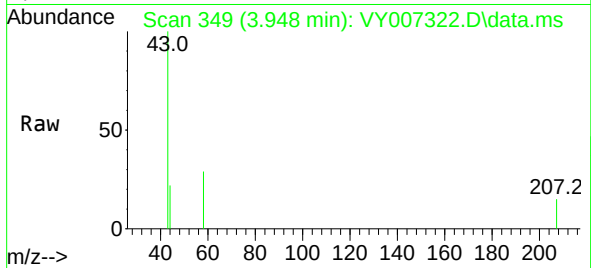




#16
Acetone
Concen: 6.100 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

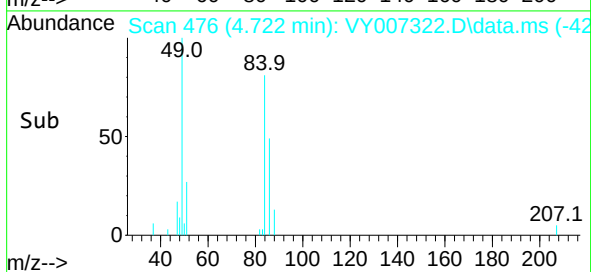
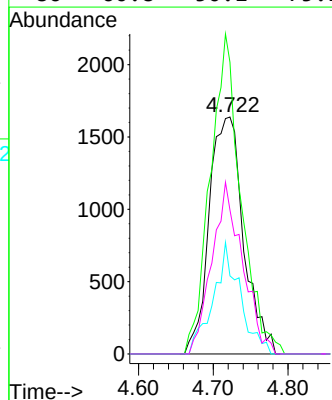
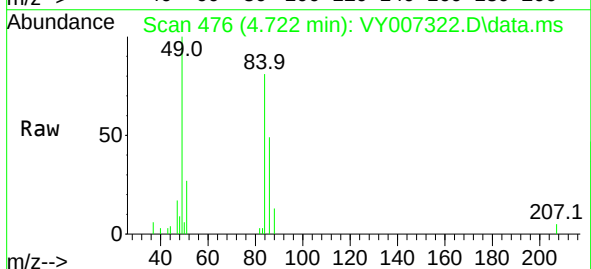
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MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(4)

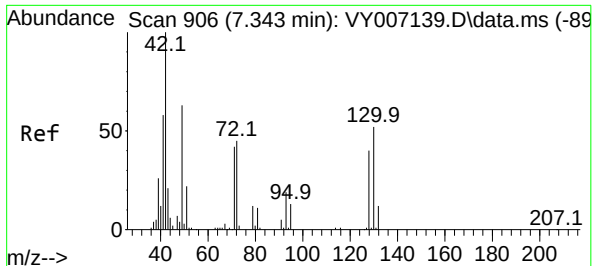
Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
58 28.6 23.8 35.6



#20
Methylene Chloride
Concen: 4.628 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

Tgt Ion: 84 Resp: 5232
Ion Ratio Lower Upper
84 100
49 123.1 92.6 139.0
51 33.0 28.6 42.8
86 60.8 50.1 75.1





#29

Tetrahydrofuran

Concen: 1.267 ug/l

RT: 7.362 min Scan# 90

Delta R.T. 0.019 min

Lab File: VY007322.D

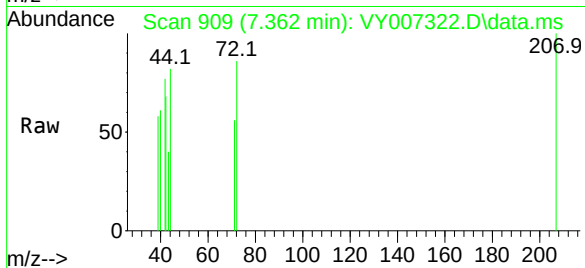
Acq: 28 Jan 2022 15:45

Instrument :

MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(4)



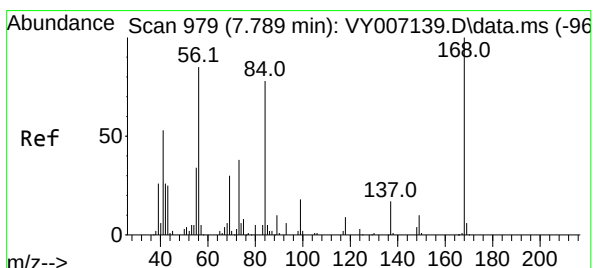
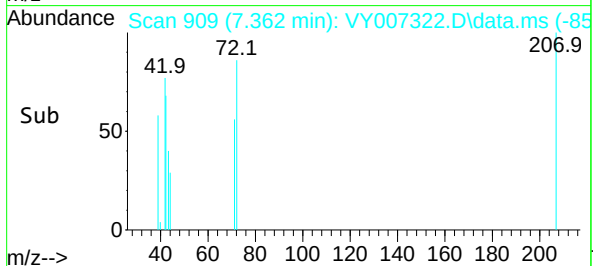
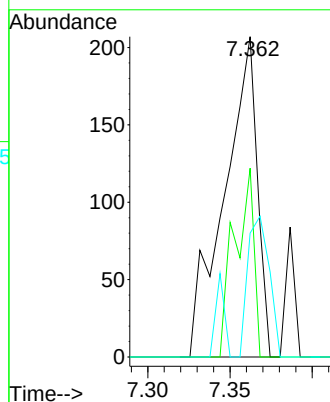
Tgt Ion: 42 Resp: 288

Ion Ratio Lower Upper

42 100

72 34.7 36.6 54.8#

71 28.8 34.1 51.1#



#31

Cyclohexane

Concen: 1.137 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY007322.D

Acq: 28 Jan 2022 15:45

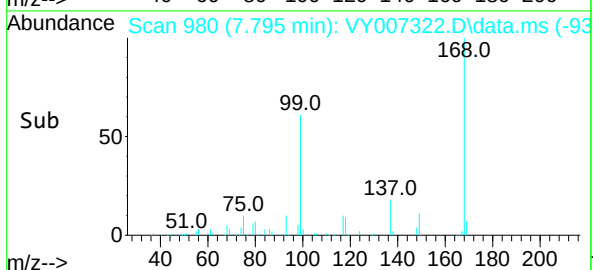
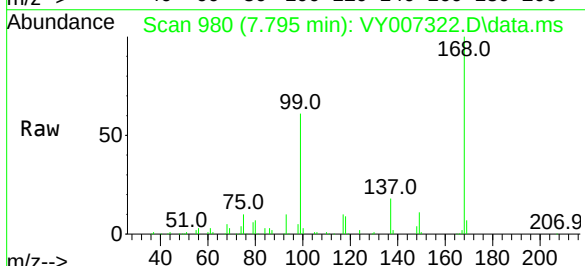
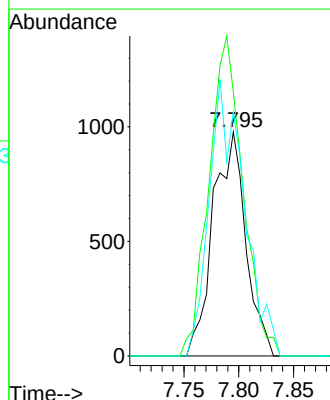
Tgt Ion: 56 Resp: 2026

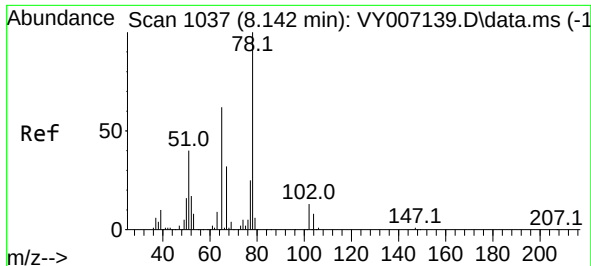
Ion Ratio Lower Upper

56 100

69 117.7 27.2 40.8#

84 108.9 72.1 108.1#

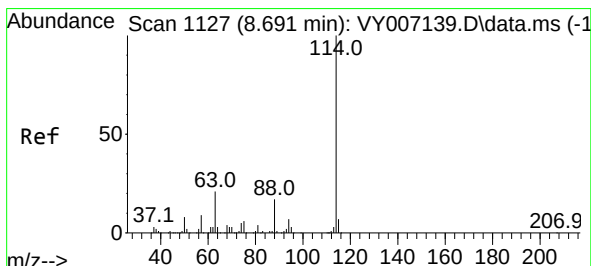
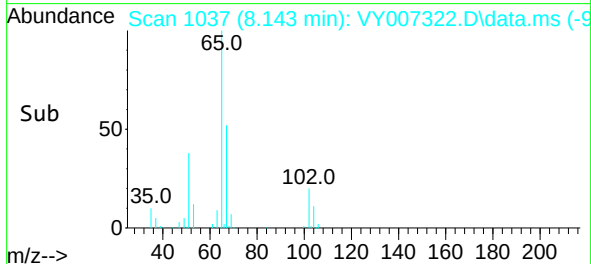
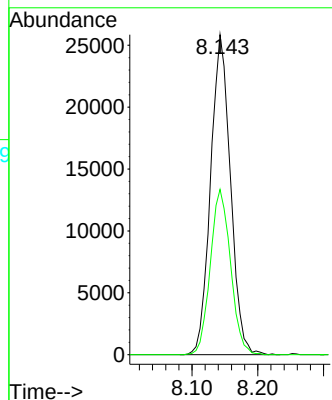
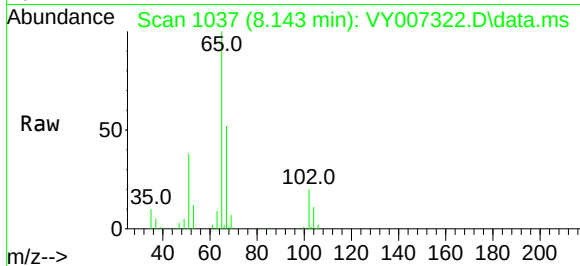




#33
 1,2-Dichloroethane-d4
 Concen: 51.600 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007322.D
 Acq: 28 Jan 2022 15:45

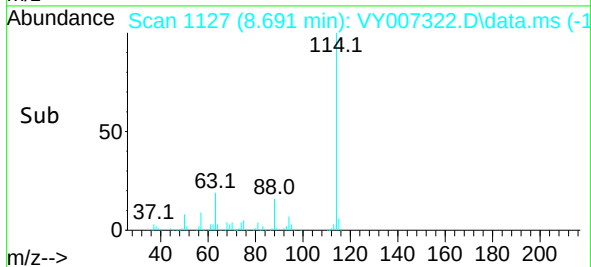
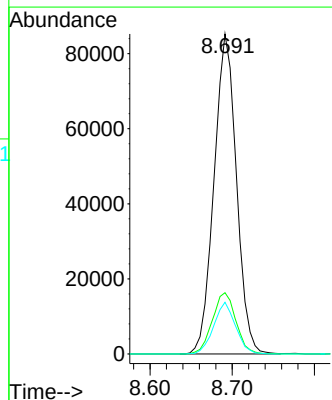
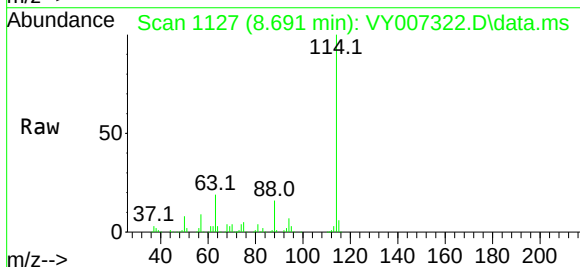
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 STATE-ST-SP1-(4)

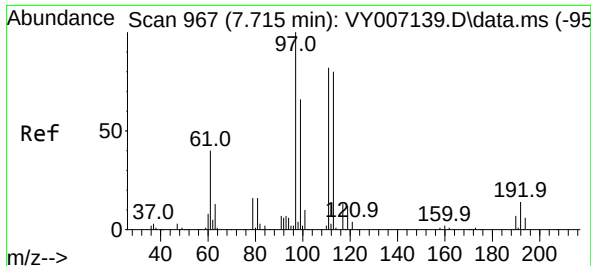
Tgt Ion: 65 Resp: 54363
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007322.D
 Acq: 28 Jan 2022 15:45

Tgt Ion: 114 Resp: 161675
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 16.2 0.0 31.0

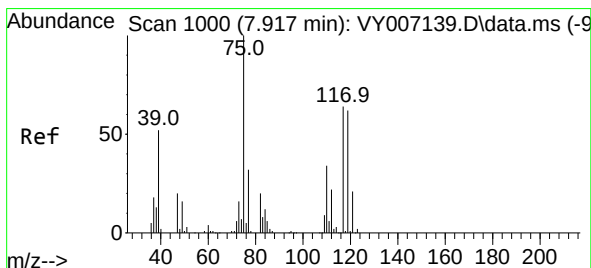
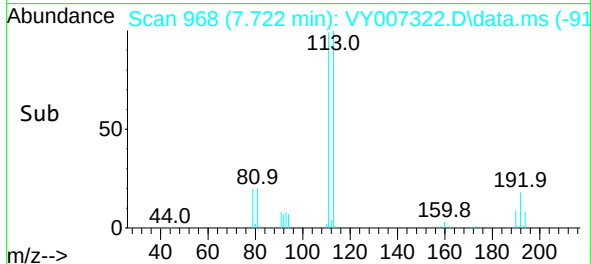
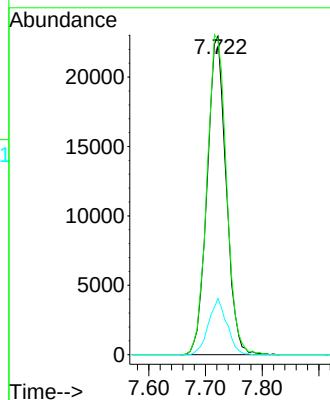
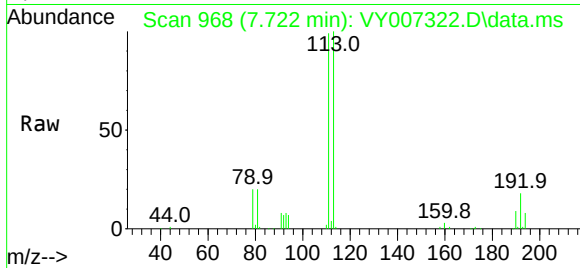




#35
Dibromofluoromethane
Concen: 48.867 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

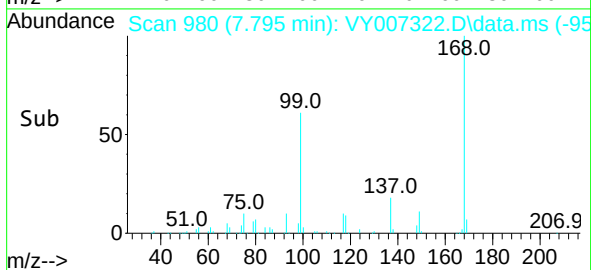
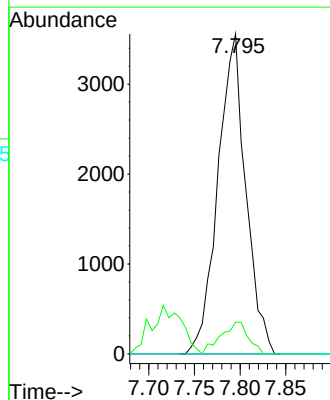
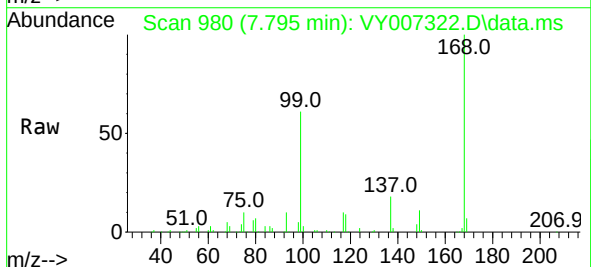
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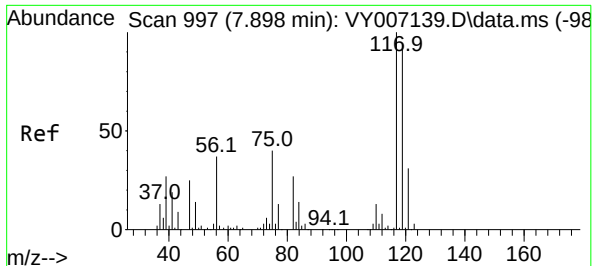
Tgt Ion:113 Resp: 53423
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 17.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.321 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

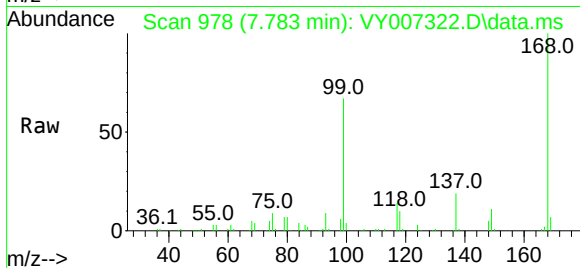
Tgt Ion: 75 Resp: 7544
Ion Ratio Lower Upper
75 100
110 9.7 17.3 51.9#
77 0.0 24.7 37.1#



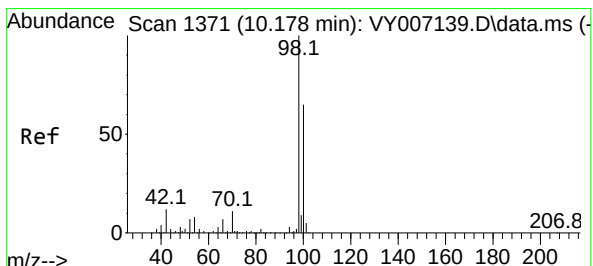
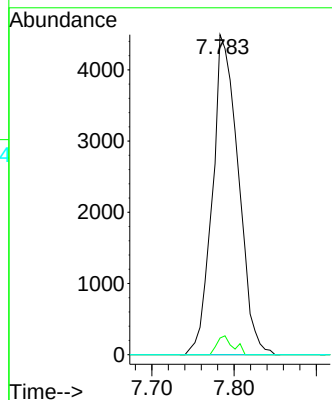
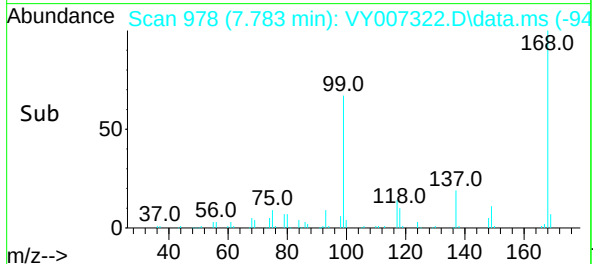


#38
Carbon Tetrachloride
Concen: 5.362 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

Instrument :
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ClientSampleId :
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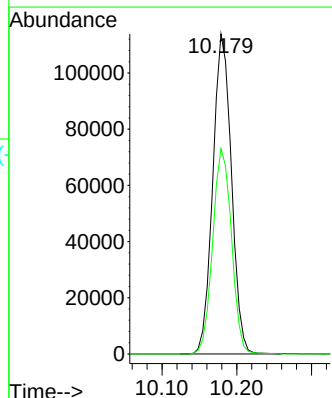
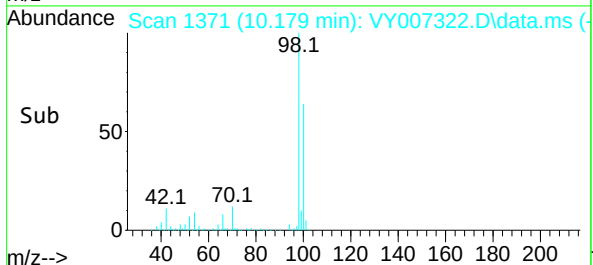
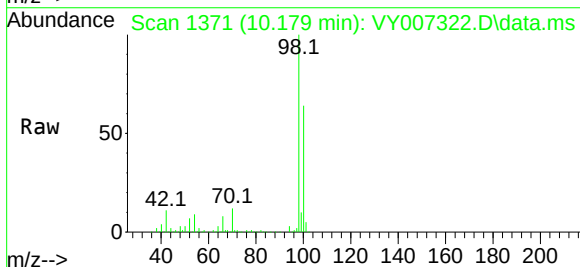


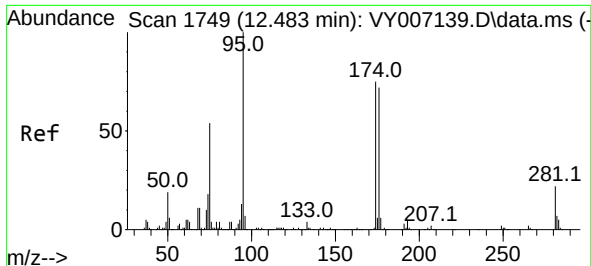
Tgt Ion:117 Resp: 9847
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.363 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

Tgt Ion: 98 Resp: 197184
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

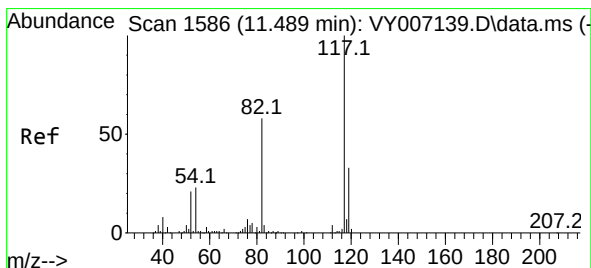
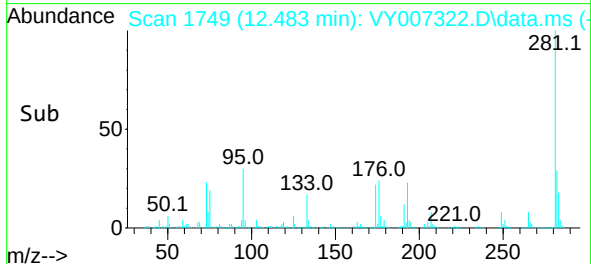
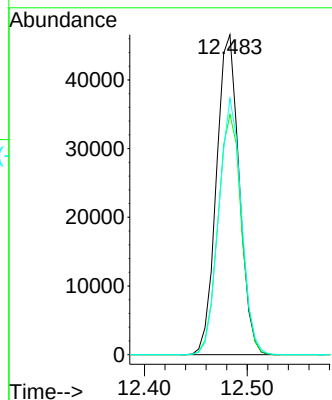
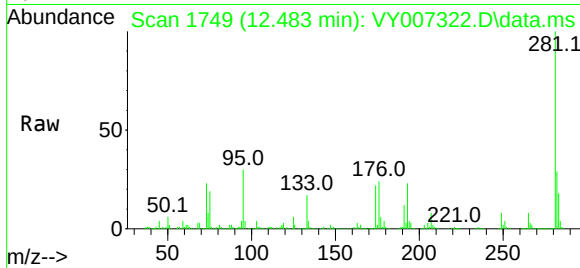




#62
4-Bromofluorobenzene
Concen: 50.306 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

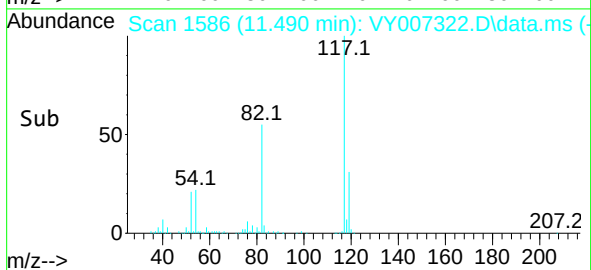
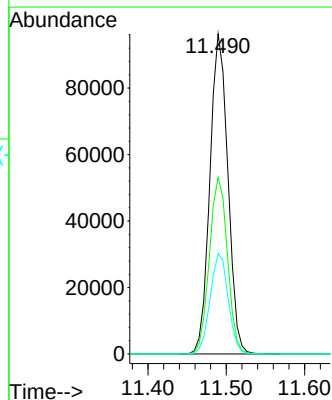
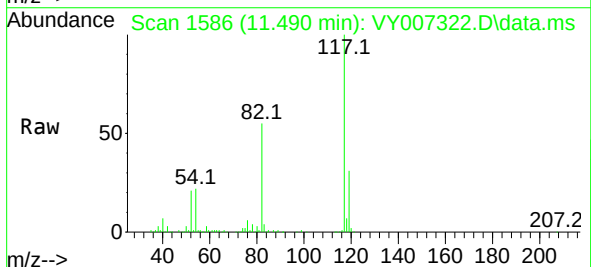
Instrument :
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STATE-ST-SP1-(4)

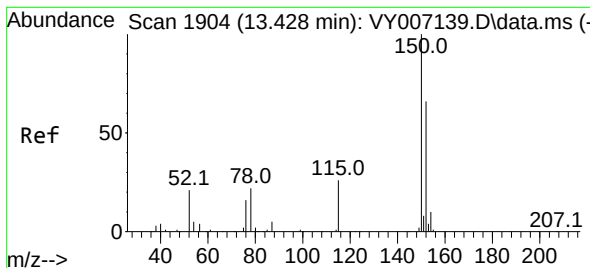
Tgt Ion: 95 Resp: 71482
Ion Ratio Lower Upper
95 100
174 77.2 0.0 148.4
176 79.7 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

Tgt Ion: 117 Resp: 153364
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 31.5 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: VY007322.D

Acq: 28 Jan 2022 15:45

Instrument :

MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(4)

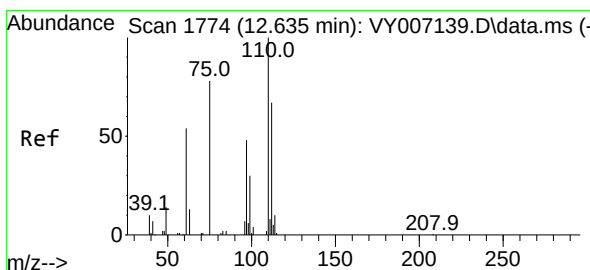
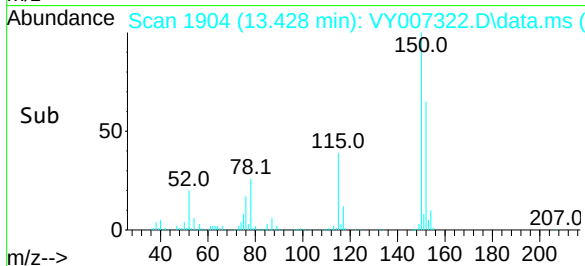
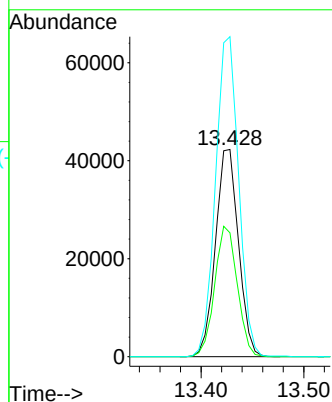
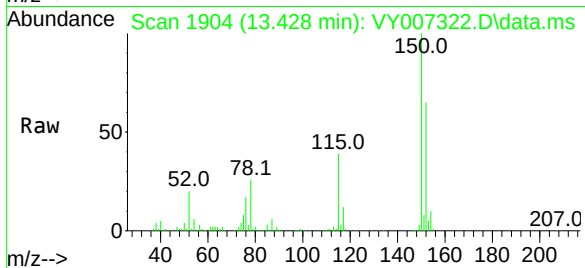
Tgt Ion:152 Resp: 65770

Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.0

150 155.4 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 61.291 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007322.D

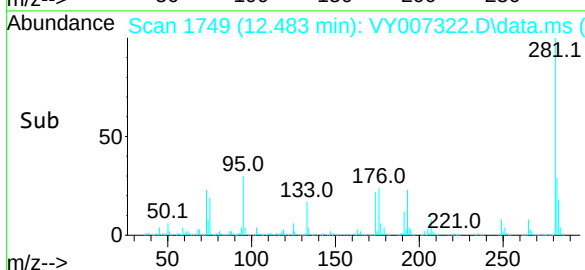
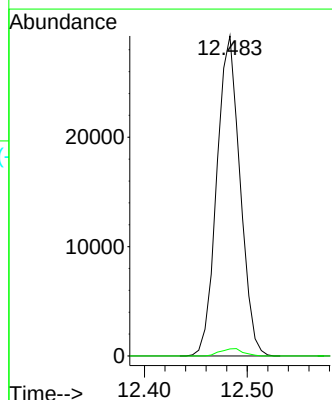
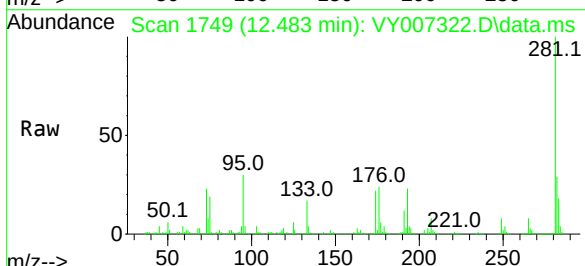
Acq: 28 Jan 2022 15:45

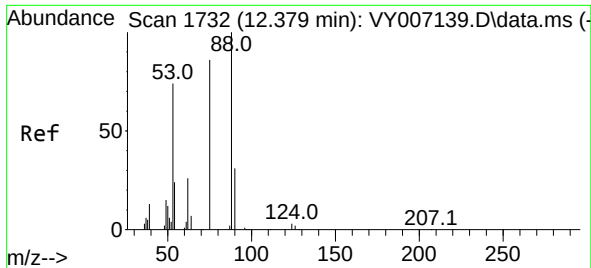
Tgt Ion: 75 Resp: 45965

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.206 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007322.D
 Acq: 28 Jan 2022 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(4)

Tgt Ion: 75 Resp: 45965
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 5.9 0.0 0.0#

