

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007327.D
 Acq On : 28 Jan 2022 17:42
 Operator : SY/MD
 Sample : N1309-09
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(9)

Quant Time: Jan 31 00:31:29 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)

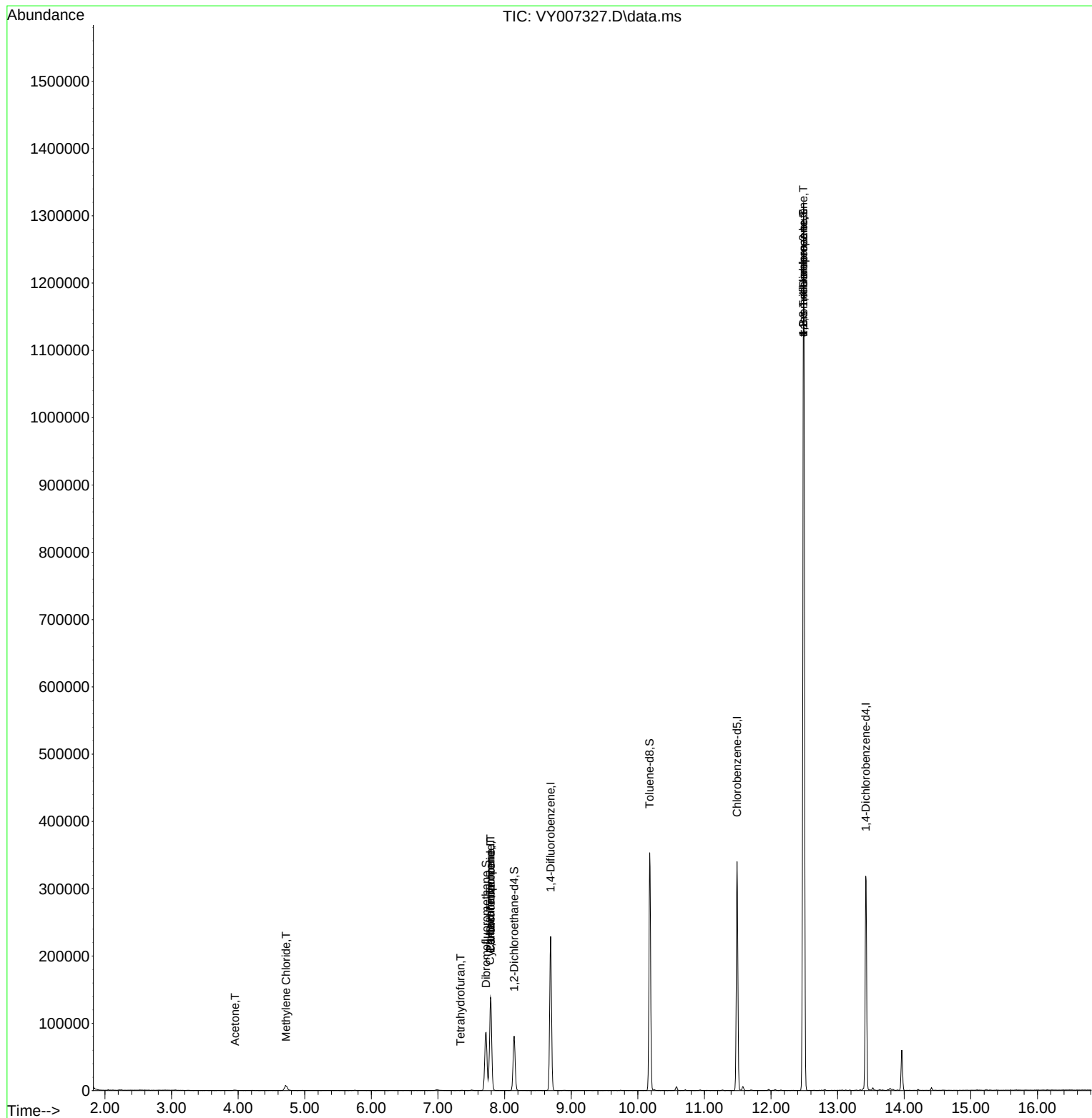
Internal Standards						
1) Pentafluorobenzene	7.789	168	100678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62923	50.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.880%
35) Dibromofluoromethane	7.722	113	63514	49.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.178	98	231860	49.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.483	95	86003	51.525	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.040%
Target Compounds						
11) Tert butyl alcohol	4.942	59	192	Below Cal	#	73
16) Acetone	3.954	43	1513	4.719	ug/l	92
20) Methylene Chloride	4.716	84	5752	4.339	ug/l	99
29) Tetrahydrofuran	7.338	42	320	1.201	ug/l	# 32
31) Cyclohexane	7.783	56	2522	1.208	ug/l	# 28
36) 1,1-Dichloropropene	7.789	75	8691	4.237	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	10860	5.034	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	56116	64.083	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	56116	117.318	ug/l	# 3

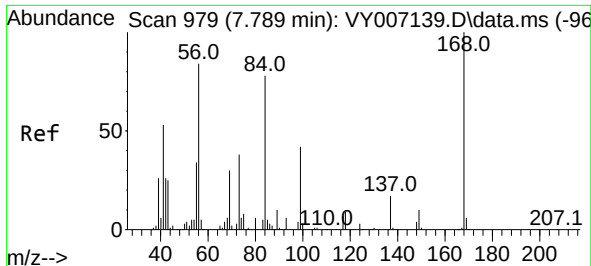
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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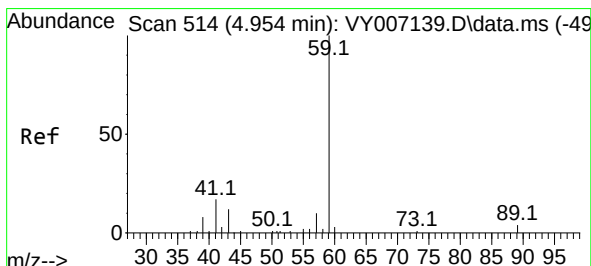
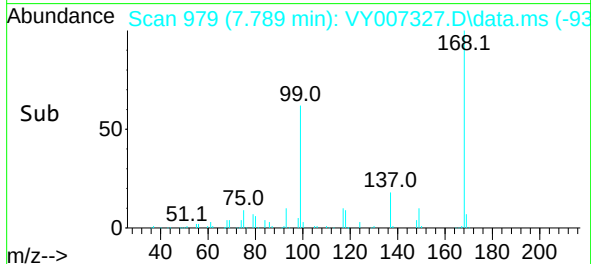
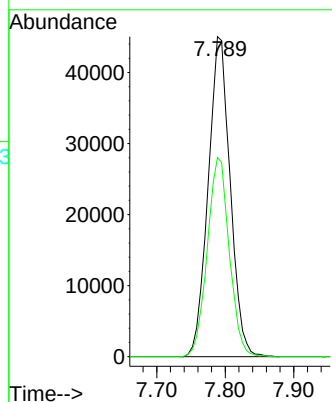
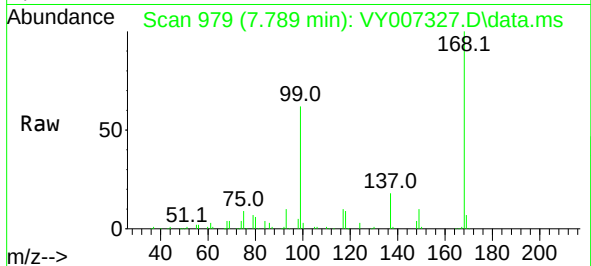




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007327.D
Acq: 28 Jan 2022 17:42

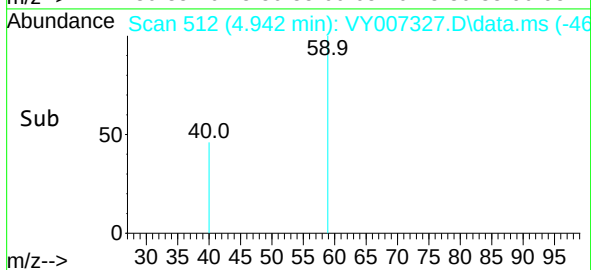
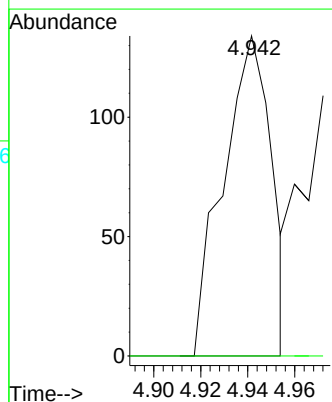
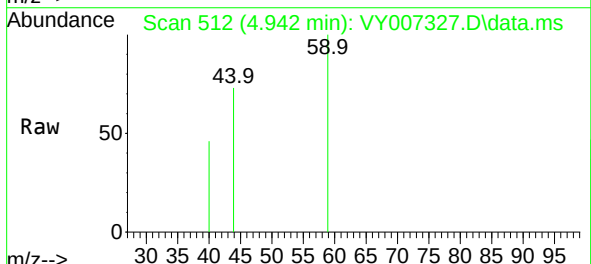
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(9)

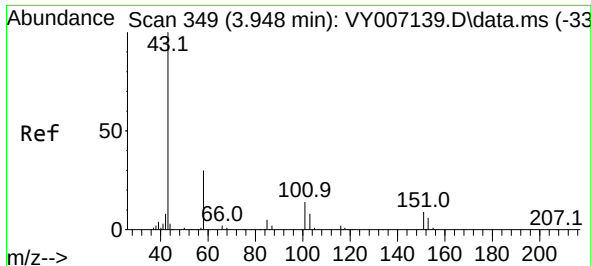
Tgt Ion:168 Resp: 100678
Ion Ratio Lower Upper
168 100
99 62.3 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY007327.D
Acq: 28 Jan 2022 17:42

Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

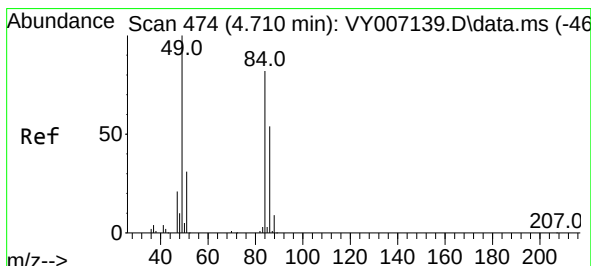
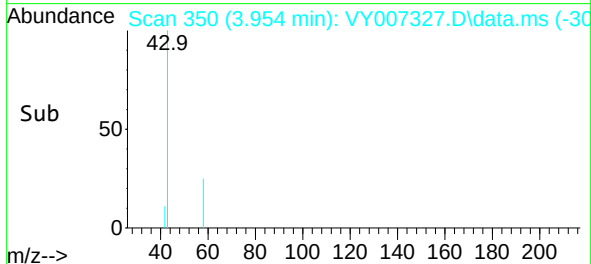
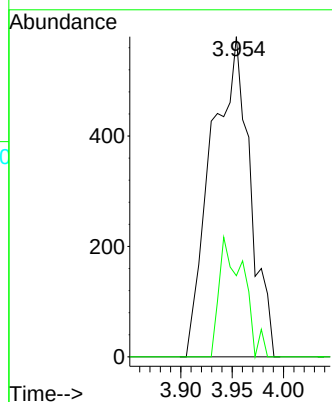
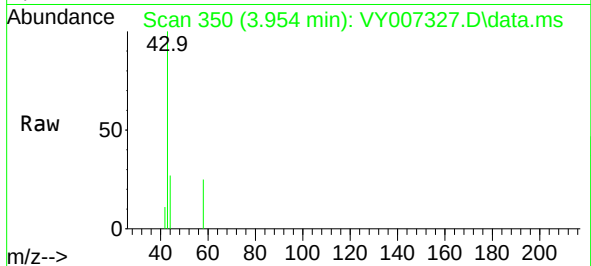




#16
Acetone
Concen: 4.719 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007327.D
Acq: 28 Jan 2022 17:42

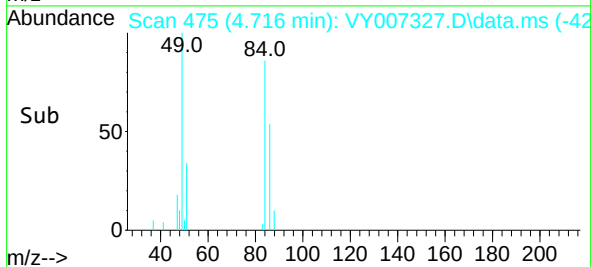
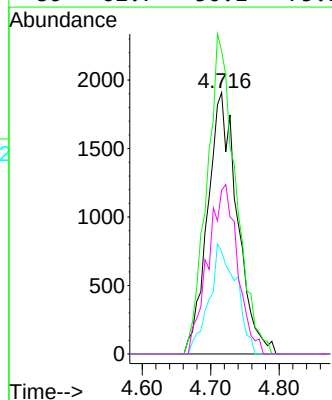
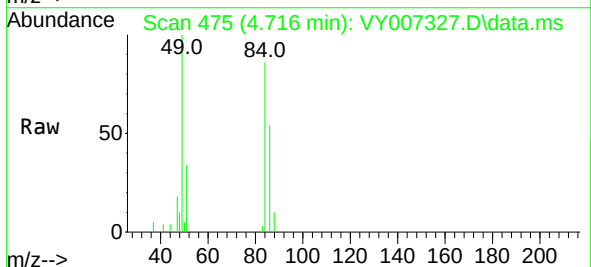
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(9)

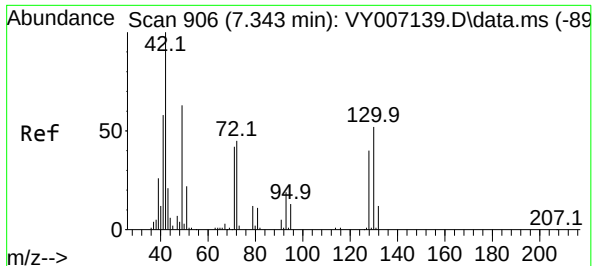
Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
58 25.3 23.8 35.6



#20
Methylene Chloride
Concen: 4.339 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY007327.D
Acq: 28 Jan 2022 17:42

Tgt Ion: 84 Resp: 5752
Ion Ratio Lower Upper
84 100
49 116.0 92.6 139.0
51 39.1 28.6 42.8
86 62.7 50.1 75.1





#29

Tetrahydrofuran

Concen: 1.201 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY007327.D

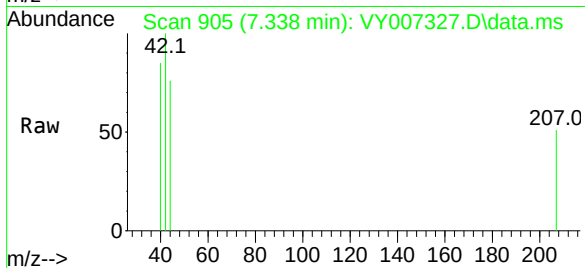
Acq: 28 Jan 2022 17:42

Instrument :

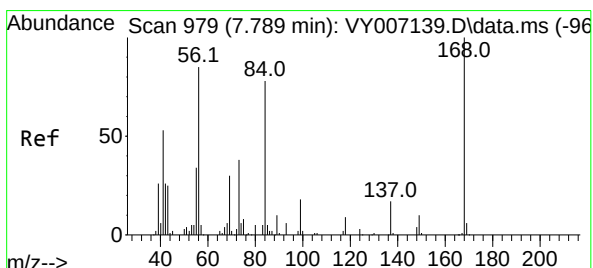
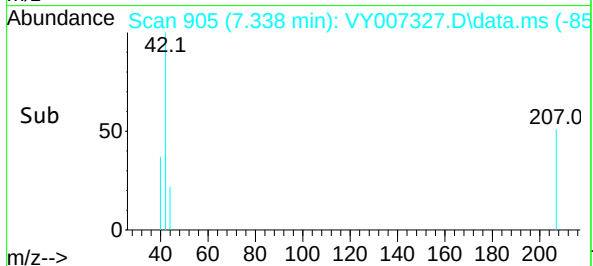
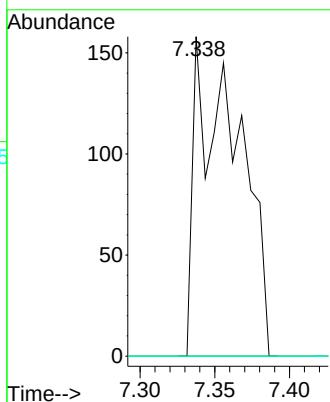
MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(9)



Tgt Ion:	42	Resp:	320
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	34.1	51.1#



#31

Cyclohexane

Concen: 1.208 ug/l

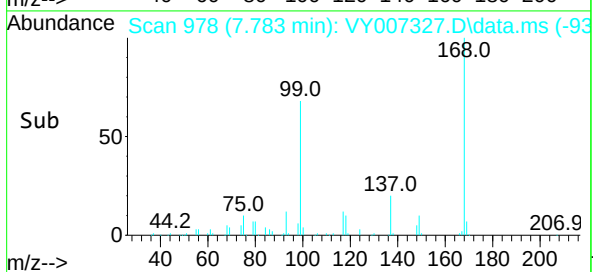
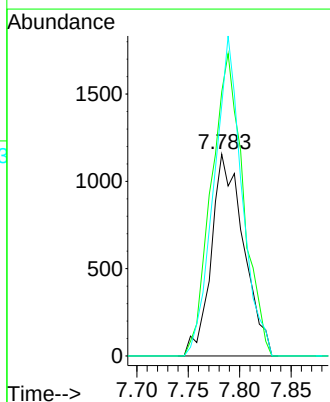
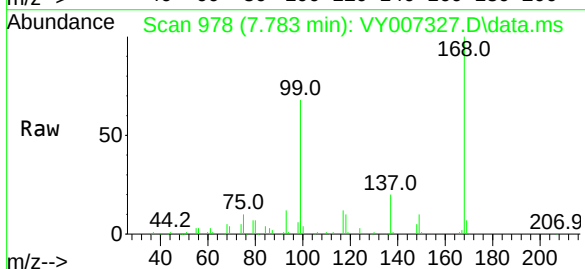
RT: 7.783 min Scan# 978

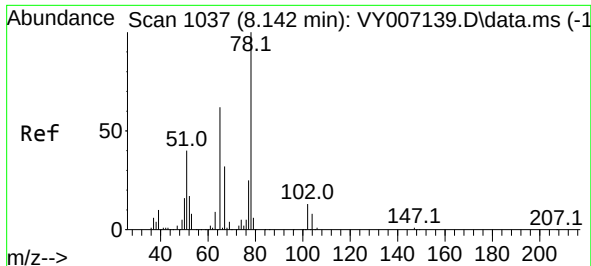
Delta R.T. -0.006 min

Lab File: VY007327.D

Acq: 28 Jan 2022 17:42

Tgt Ion:	56	Resp:	2522
Ion	Ratio	Lower	Upper
56	100		
69	130.8	27.2	40.8#
84	124.0	72.1	108.1#

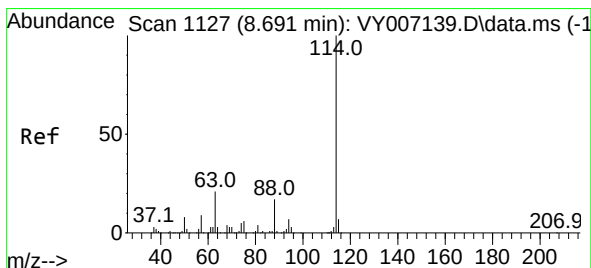
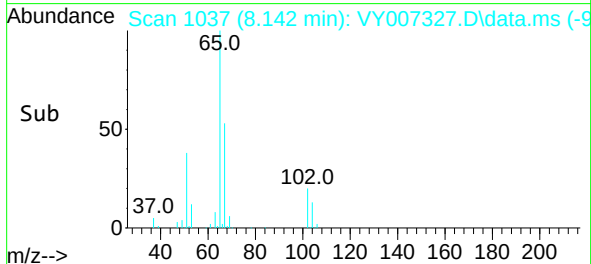
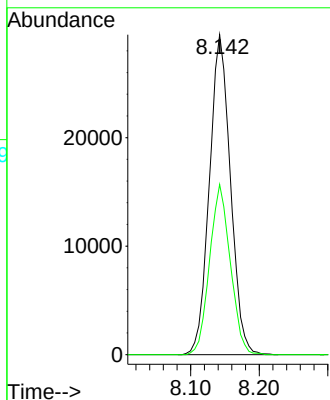
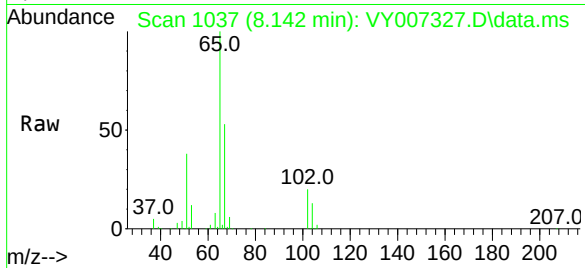




#33
 1,2-Dichloroethane-d4
 Concen: 50.936 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007327.D
 Acq: 28 Jan 2022 17:42

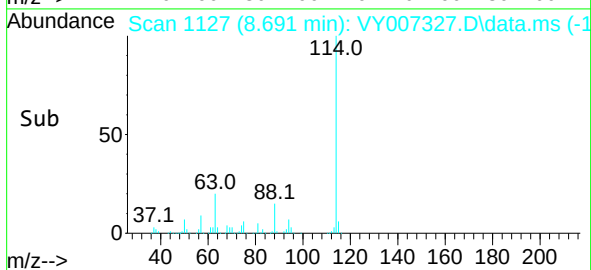
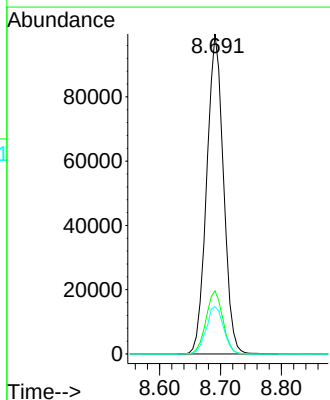
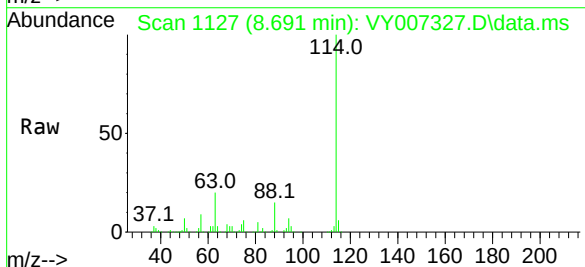
Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(9)

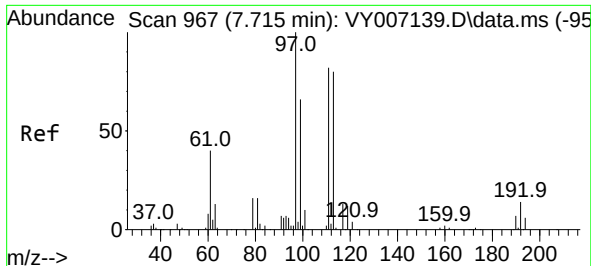
Tgt Ion: 65 Resp: 62923
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007327.D
 Acq: 28 Jan 2022 17:42

Tgt Ion: 114 Resp: 189918
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 14.8 0.0 31.0

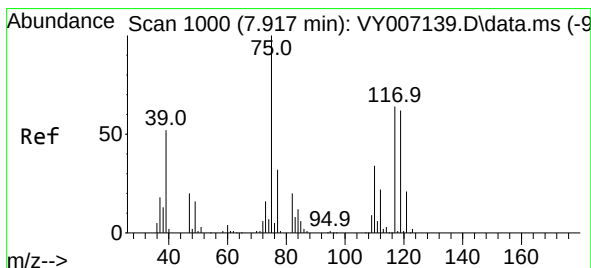
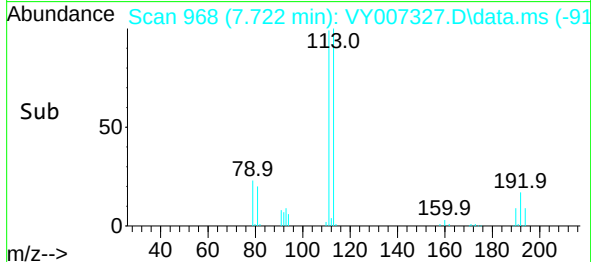
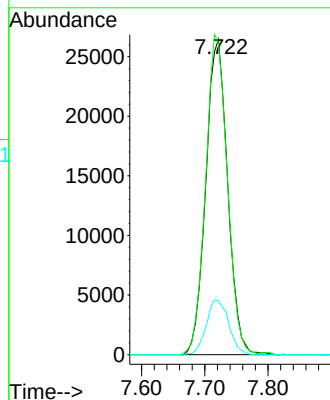
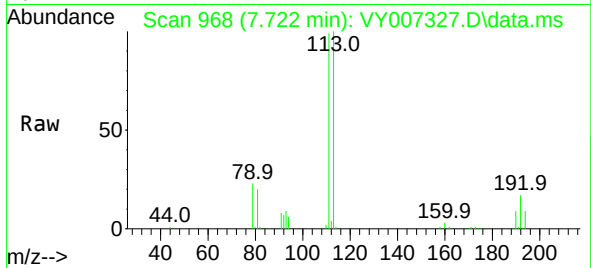




#35
Dibromofluoromethane
Concen: 49.458 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007327.D
Acq: 28 Jan 2022 17:42

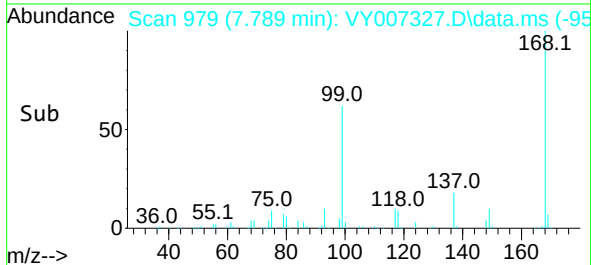
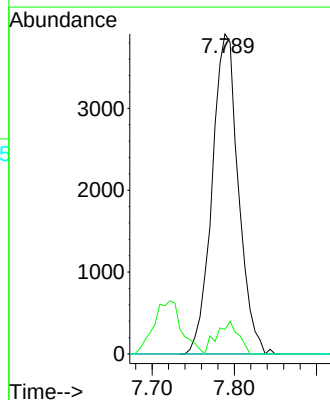
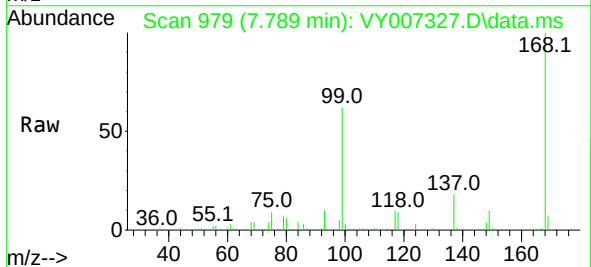
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(9)

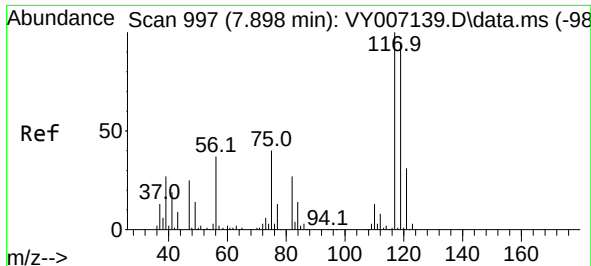
Tgt Ion:113 Resp: 63514
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.237 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007327.D
Acq: 28 Jan 2022 17:42

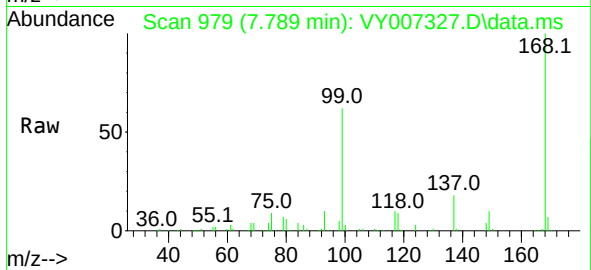
Tgt Ion: 75 Resp: 8691
Ion Ratio Lower Upper
75 100
110 8.4 17.3 51.9#
77 0.0 24.7 37.1#



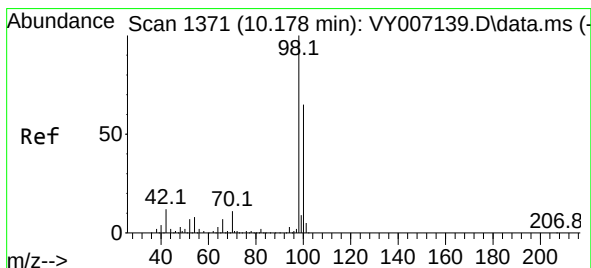
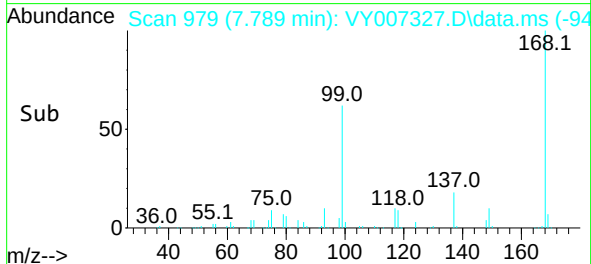
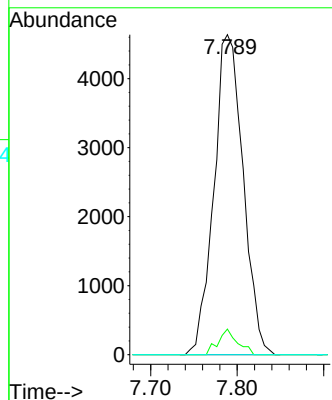


#38
Carbon Tetrachloride
Concen: 5.034 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007327.D
Acq: 28 Jan 2022 17:42

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(9)

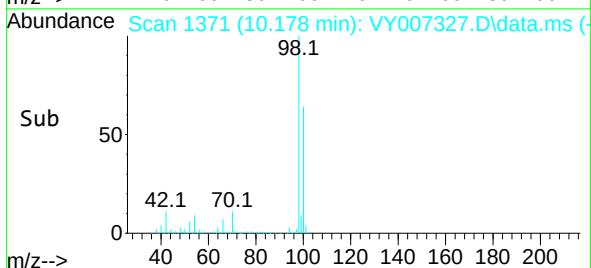
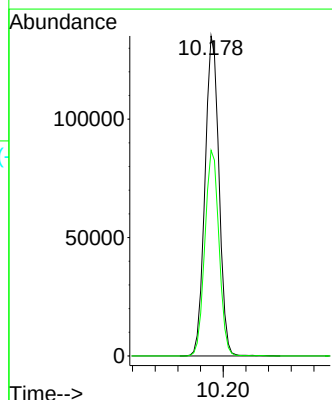
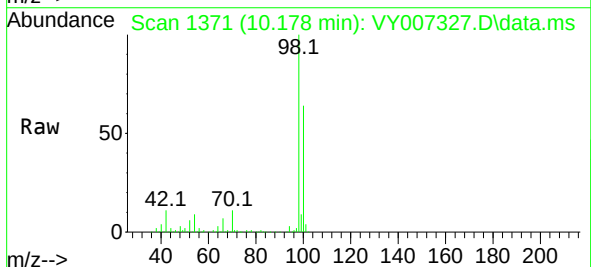


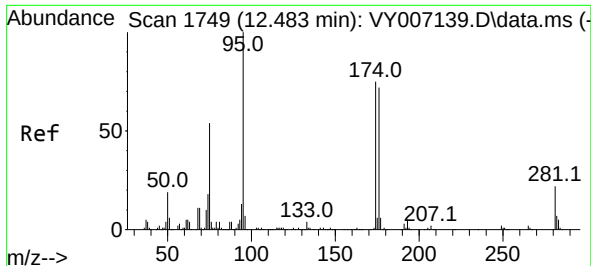
Tgt Ion:117 Resp: 10860
Ion Ratio Lower Upper
117 100
119 8.0 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.412 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007327.D
Acq: 28 Jan 2022 17:42

Tgt Ion: 98 Resp: 231860
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

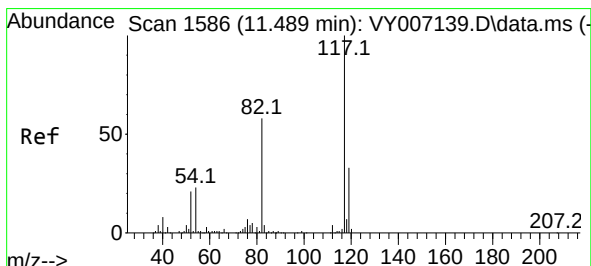
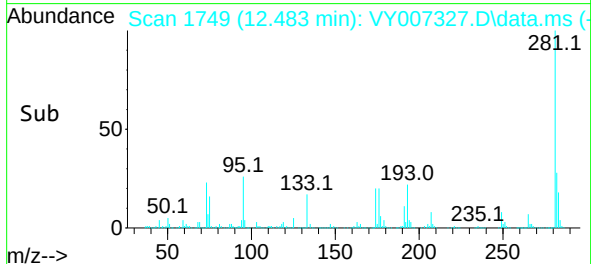
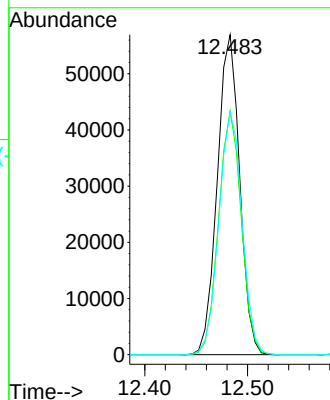
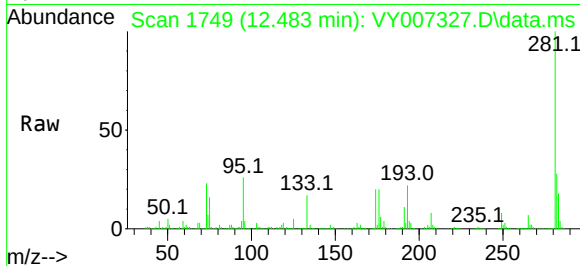




#62
4-Bromofluorobenzene
Concen: 51.525 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007327.D
Acq: 28 Jan 2022 17:42

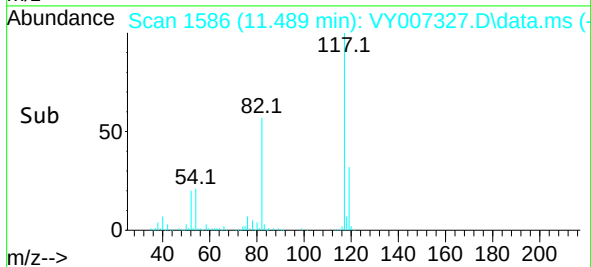
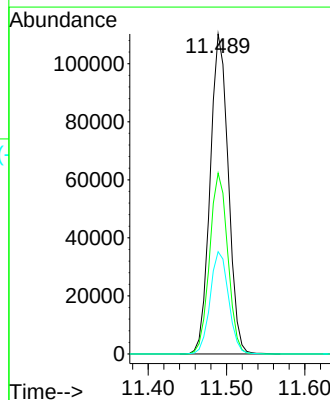
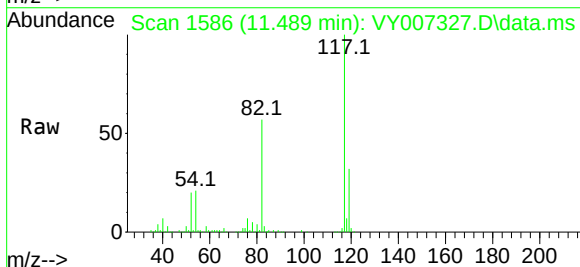
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(9)

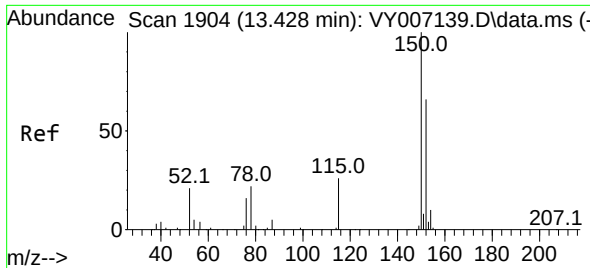
Tgt Ion: 95 Resp: 86003
Ion Ratio Lower Upper
95 100
174 77.2 0.0 148.4
176 78.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007327.D
Acq: 28 Jan 2022 17:42

Tgt Ion: 117 Resp: 177322
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 31.9 26.4 39.6

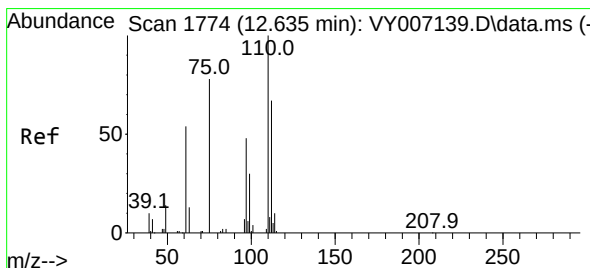
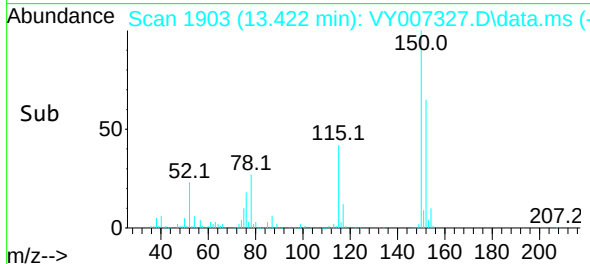
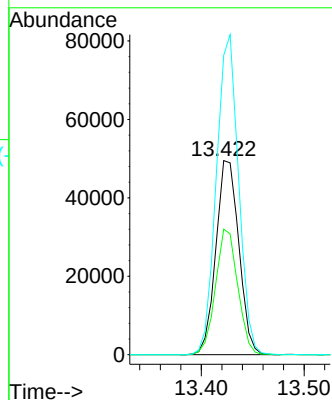
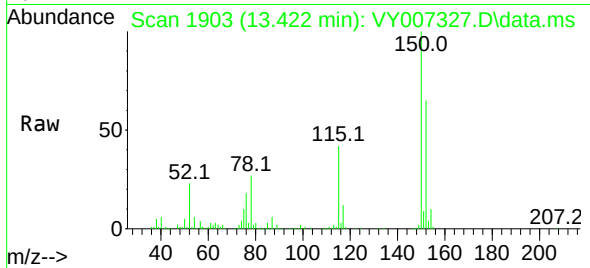




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY007327.D
 Acq: 28 Jan 2022 17:42

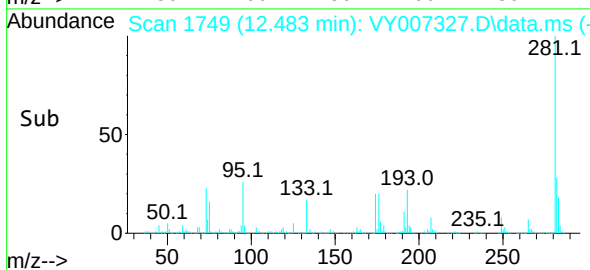
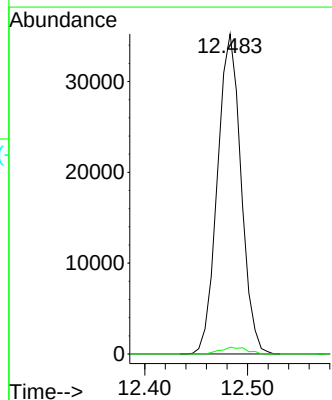
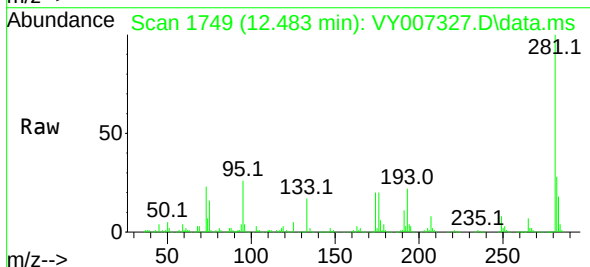
Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(9)

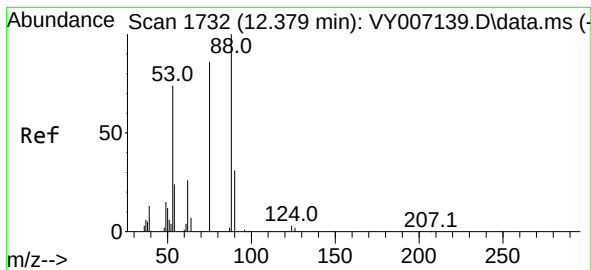
Tgt Ion:152 Resp: 76796
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.4 94.0
 150 159.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 64.083 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007327.D
 Acq: 28 Jan 2022 17:42

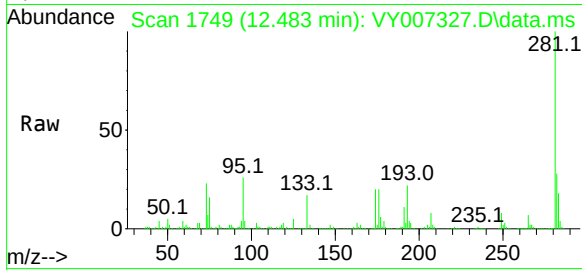
Tgt Ion: 75 Resp: 56116
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.318 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007327.D
 Acq: 28 Jan 2022 17:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(9)



Tgt Ion: 75 Resp: 56116
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 7.0 0.0 0.0#

