

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007324.D
 Acq On : 28 Jan 2022 16:32
 Operator : SY/MD
 Sample : N1309-06
 Misc : 4.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(6)

Quant Time: Jan 31 00:31:04 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	104000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67460	52.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.720%
35) Dibromofluoromethane	7.716	113	65116	48.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.179	98	240499	49.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.483	95	90115	51.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.820%

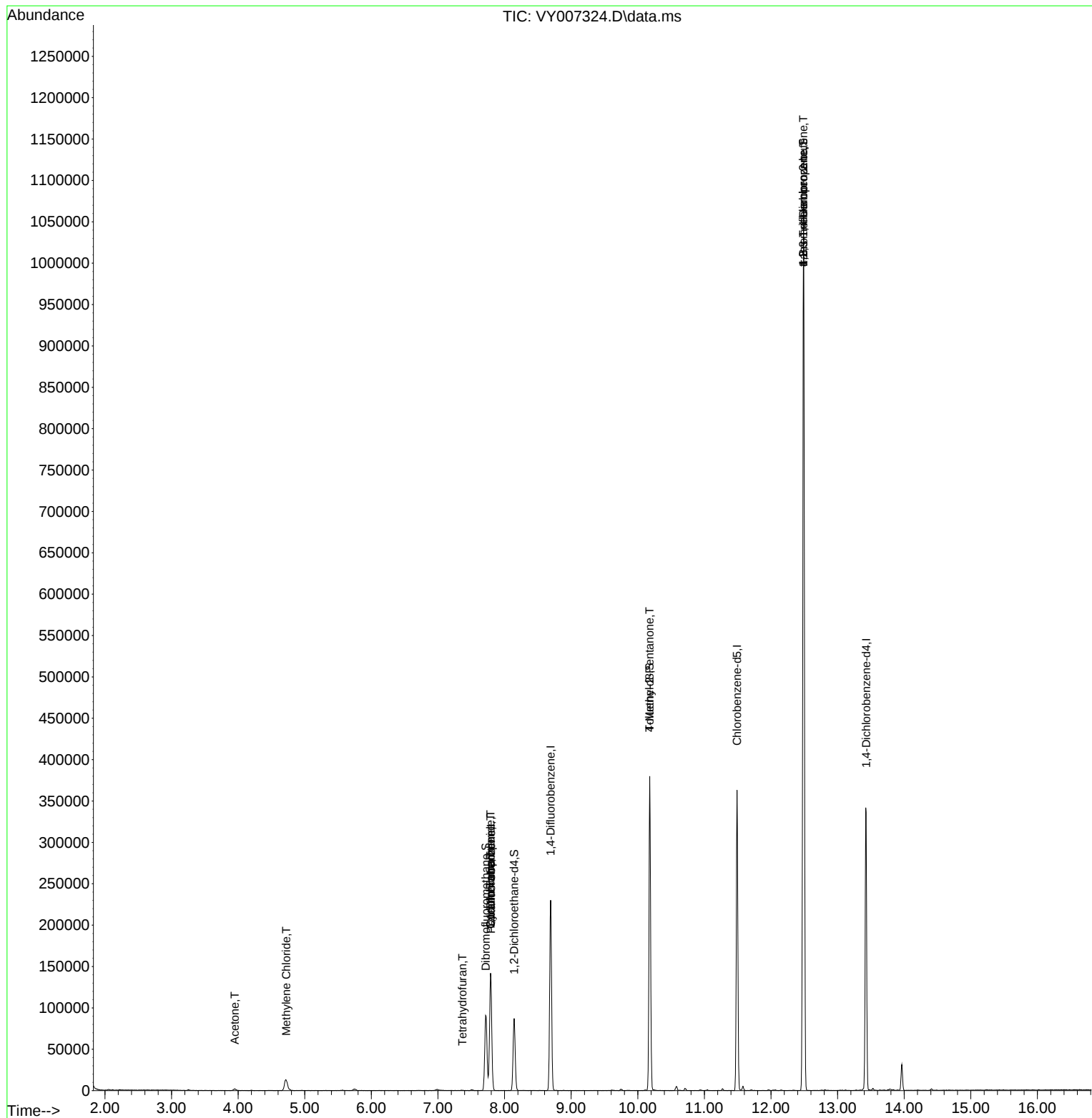
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.960	59	182	Below Cal	#	73
16) Acetone	3.948	43	3658	11.045	ug/l	93
20) Methylene Chloride	4.723	84	10555	7.707	ug/l	89
29) Tetrahydrofuran	7.368	42	362	1.315	ug/l	# 37
31) Cyclohexane	7.789	56	2510	1.163	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	8398	3.937	ug/l	# 52
38) Carbon Tetrachloride	7.789	117	11130	4.960	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.179	43	1152	1.067	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	56868	60.351	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	56868	110.486	ug/l	# 3

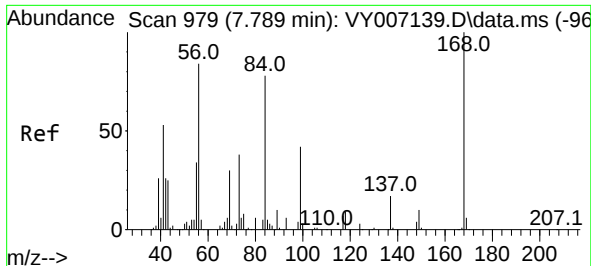
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
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STATE-ST-SP1-(6)

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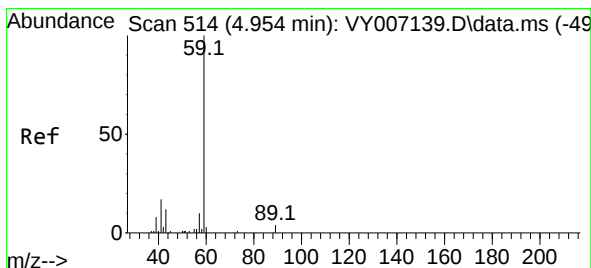
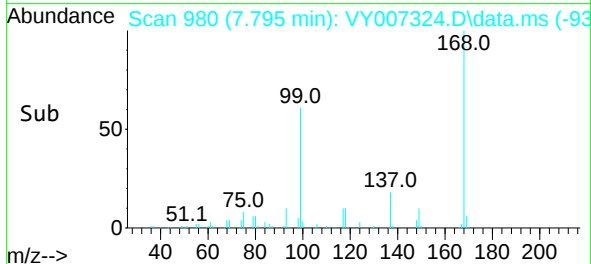
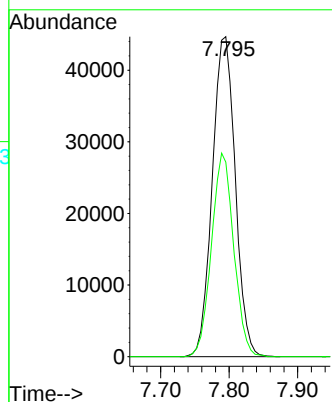
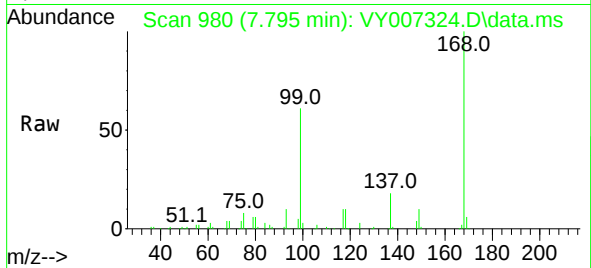




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

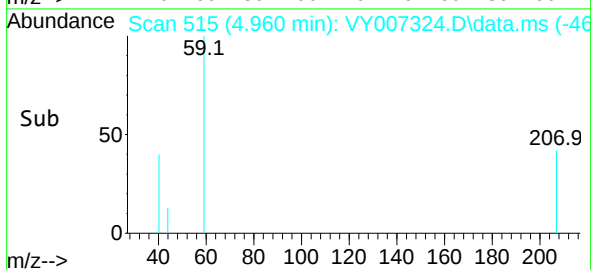
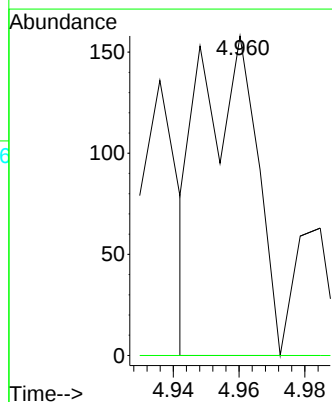
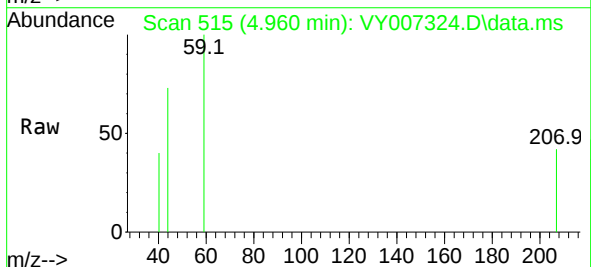
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(6)

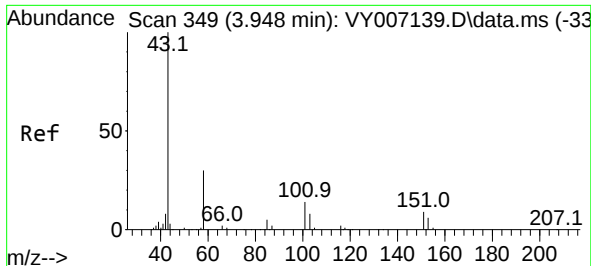
Tgt Ion:168 Resp: 104000
Ion Ratio Lower Upper
168 100
99 60.8 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Tgt Ion: 59 Resp: 182
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

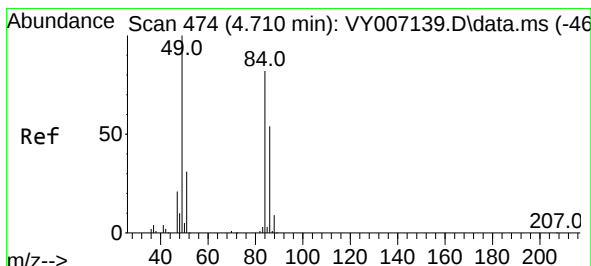
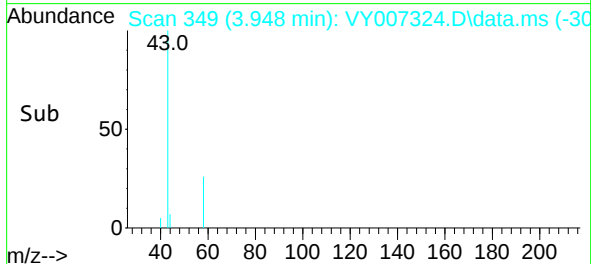
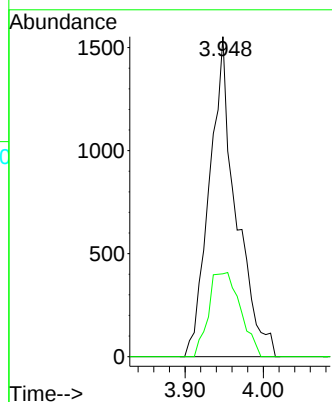
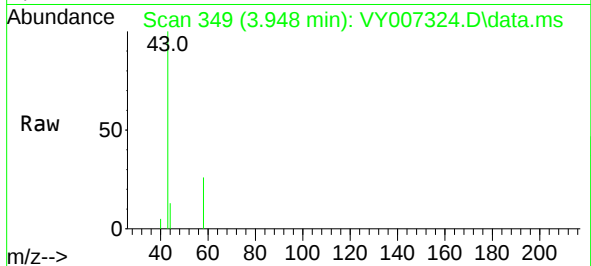




#16
Acetone
Concen: 11.045 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

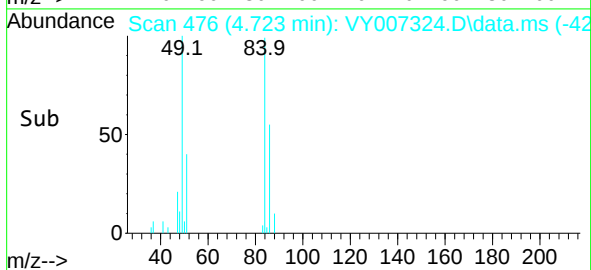
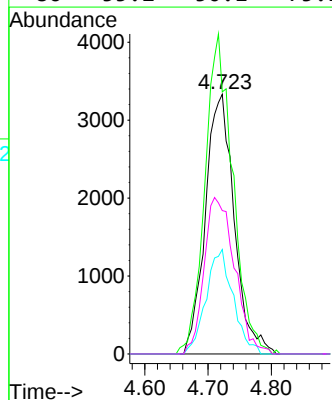
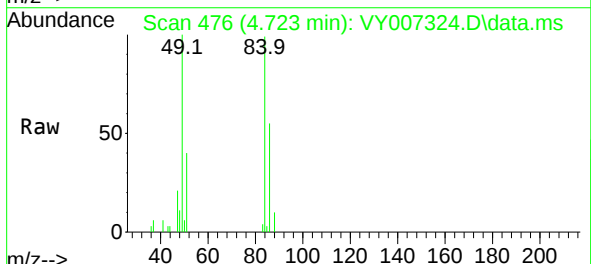
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(6)

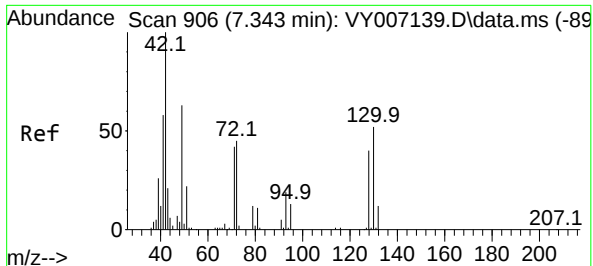
Tgt Ion: 43 Resp: 3658
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.6



#20
Methylene Chloride
Concen: 7.707 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Tgt Ion: 84 Resp: 10555
Ion Ratio Lower Upper
84 100
49 100.9 92.6 139.0
51 40.2 28.6 42.8
86 55.2 50.1 75.1





#29

Tetrahydrofuran

Concen: 1.315 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.025 min

Lab File: VY007324.D

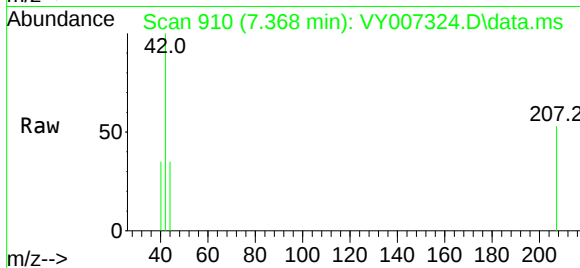
Acq: 28 Jan 2022 16:32

Instrument :

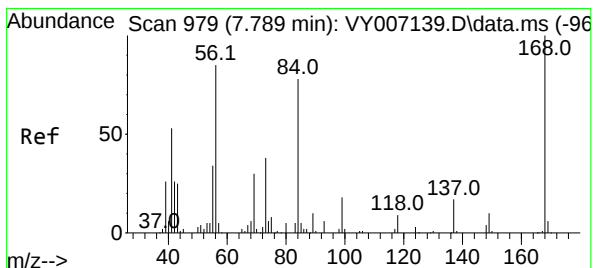
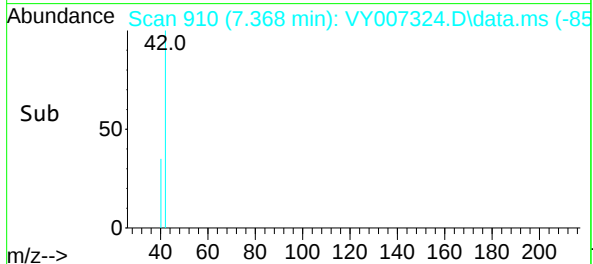
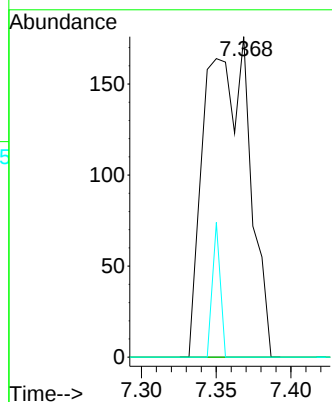
MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(6)



Tgt Ion:	42	Resp:	362
Ion Ratio	Lower	Upper	
42	100		
72	0.0	36.6	54.8#
71	7.5	34.1	51.1#



#31

Cyclohexane

Concen: 1.163 ug/l

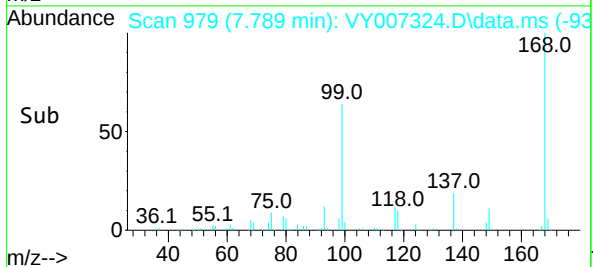
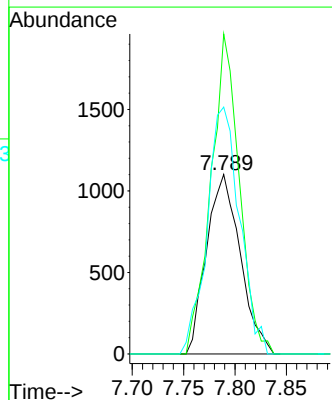
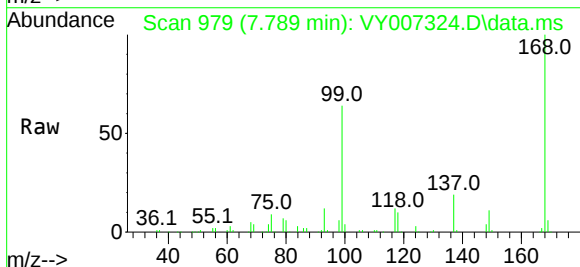
RT: 7.789 min Scan# 979

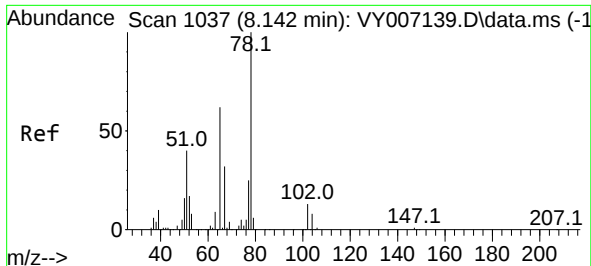
Delta R.T. 0.000 min

Lab File: VY007324.D

Acq: 28 Jan 2022 16:32

Tgt Ion:	56	Resp:	2510
Ion Ratio	Lower	Upper	
56	100		
69	178.3	27.2	40.8#
84	137.5	72.1	108.1#

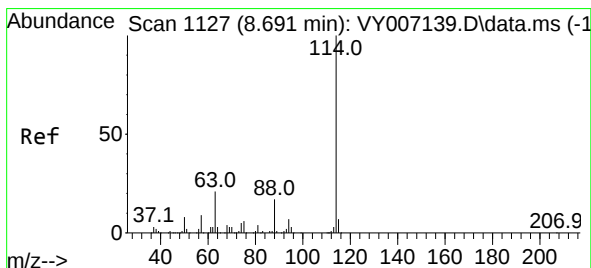
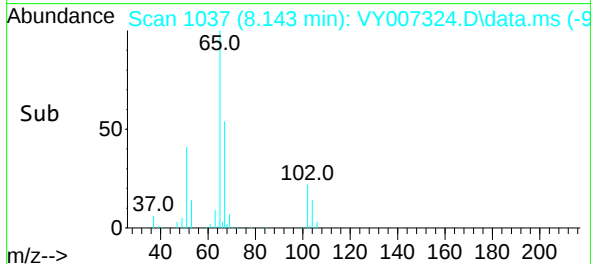
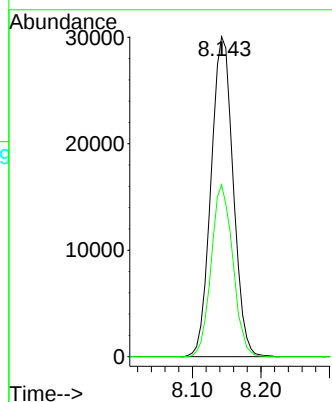
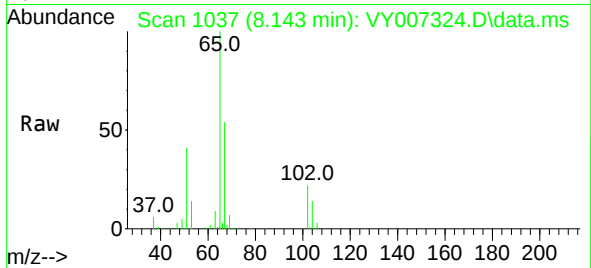




#33
 1,2-Dichloroethane-d4
 Concen: 52.864 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY007324.D
 Acq: 28 Jan 2022 16:32

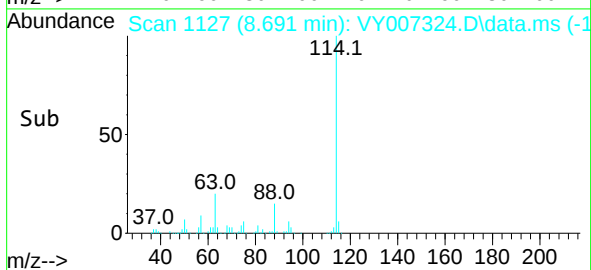
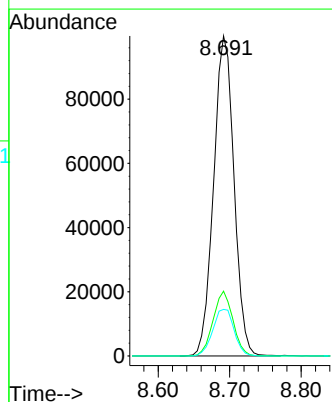
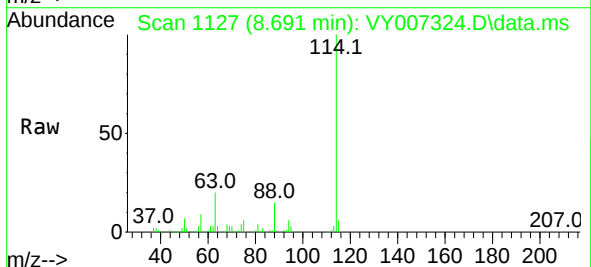
Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(6)

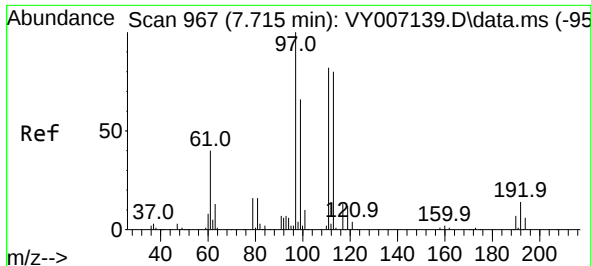
Tgt Ion: 65 Resp: 67460
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VY007324.D
 Acq: 28 Jan 2022 16:32

Tgt Ion: 114 Resp: 197524
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 14.6 0.0 31.0

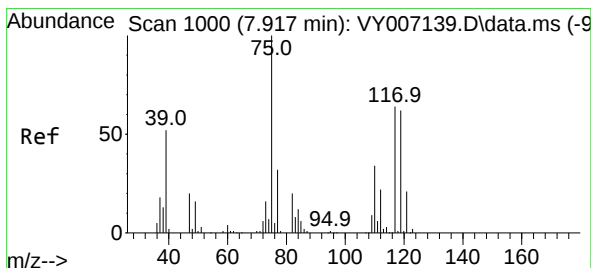
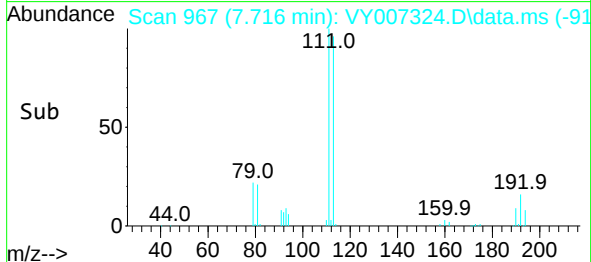
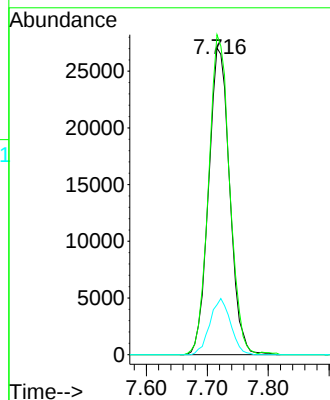
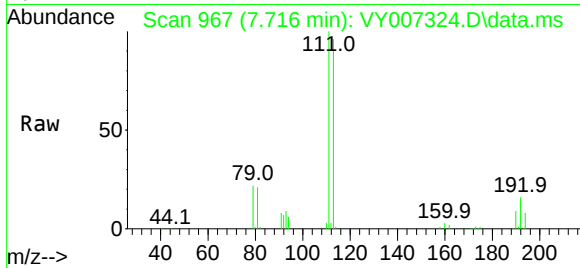




#35
Dibromofluoromethane
Concen: 48.753 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

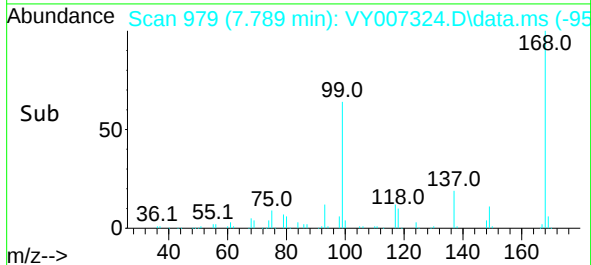
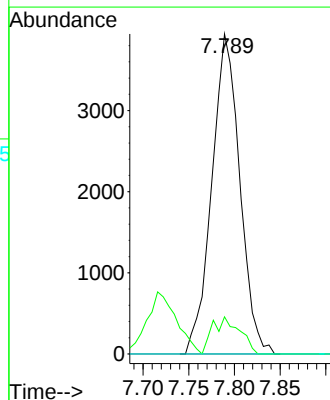
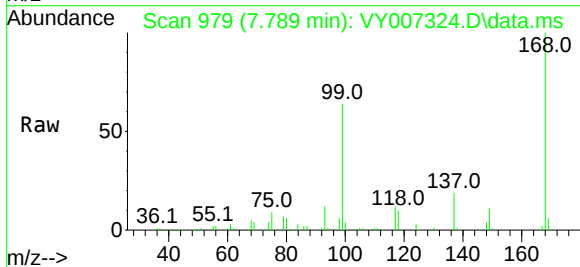
Instrument :
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ClientSampleId :
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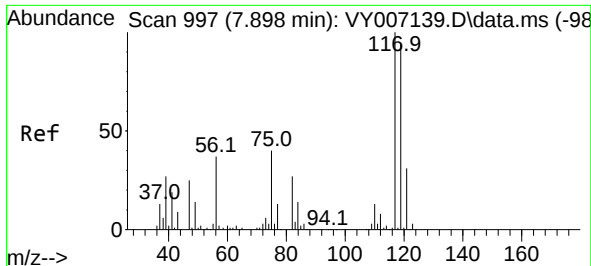
Tgt Ion:113 Resp: 65116
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 18.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 3.937 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Tgt Ion: 75 Resp: 8398
Ion Ratio Lower Upper
75 100
110 11.3 17.3 51.9#
77 0.0 24.7 37.1#

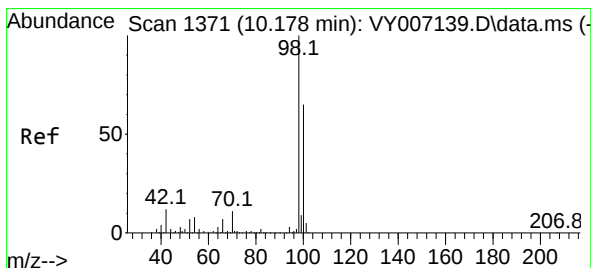
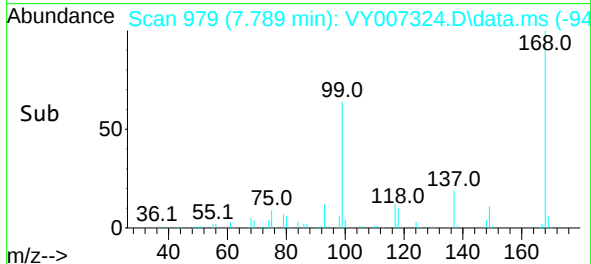
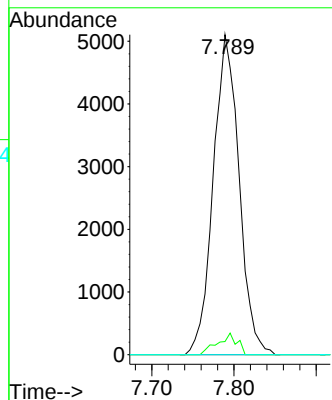
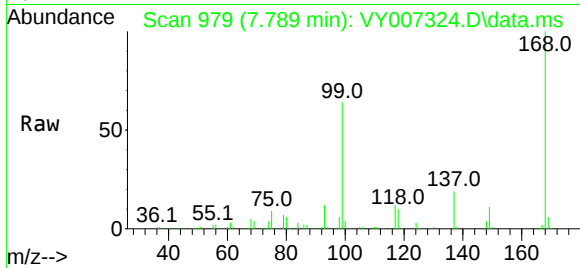




#38
Carbon Tetrachloride
Concen: 4.960 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

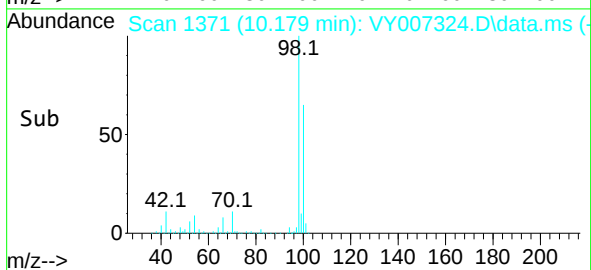
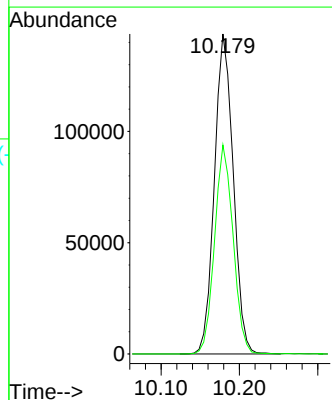
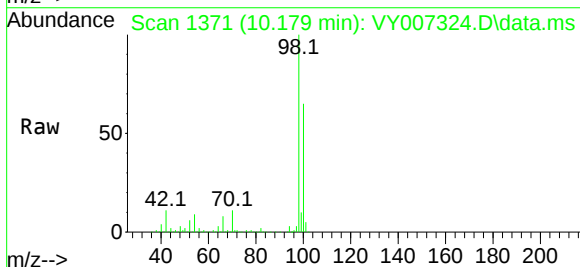
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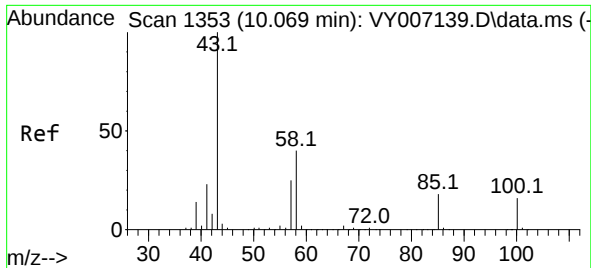
Tgt Ion:117 Resp: 11130
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.279 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Tgt Ion: 98 Resp: 240499
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2

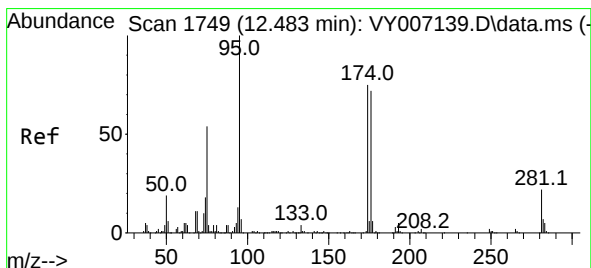
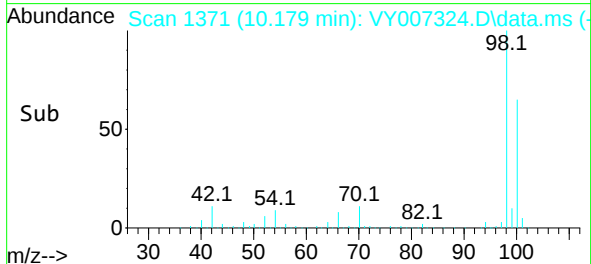
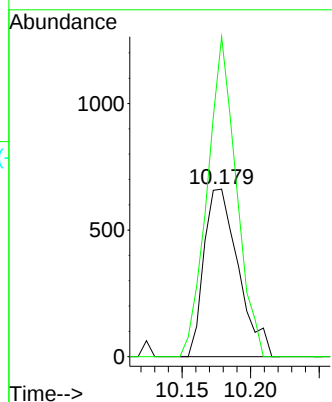
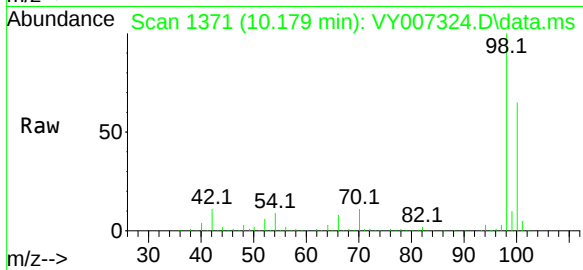




#51
4-Methyl-2-Pentanone
Concen: 1.067 ug/l
RT: 10.179 min Scan# 1152
Delta R.T. 0.110 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

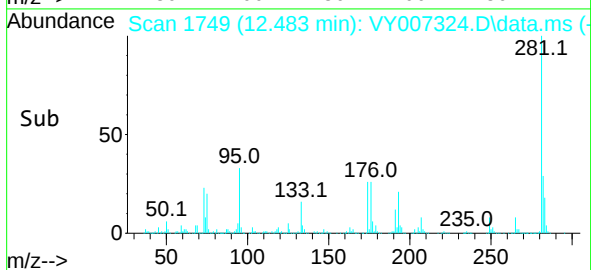
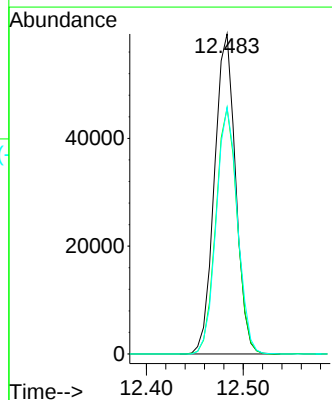
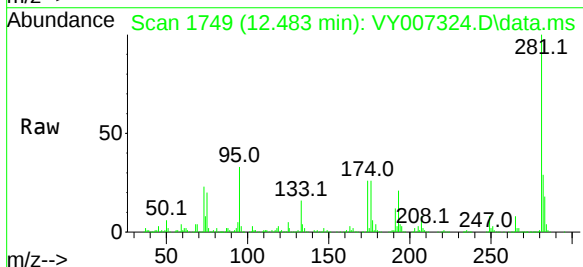
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(6)

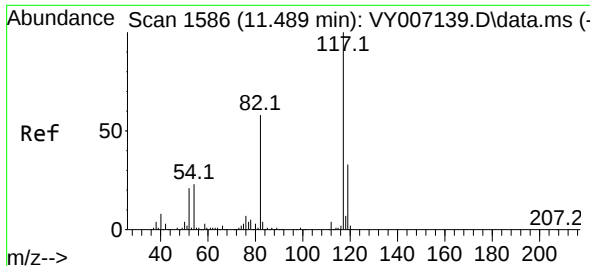
Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 161.4 32.8 49.2#



#62
4-Bromofluorobenzene
Concen: 51.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Tgt Ion: 95 Resp: 90115
Ion Ratio Lower Upper
95 100
174 77.2 0.0 148.4
176 77.7 0.0 146.6

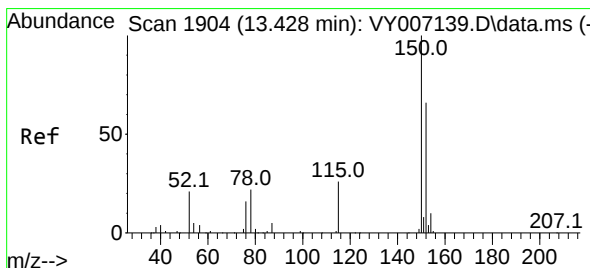
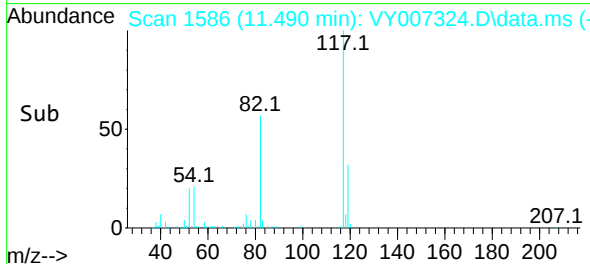
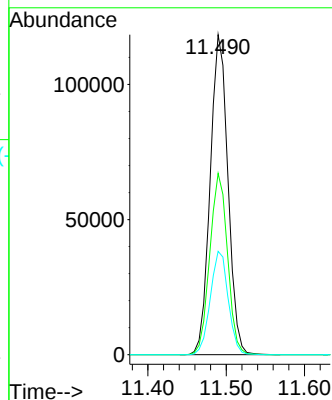
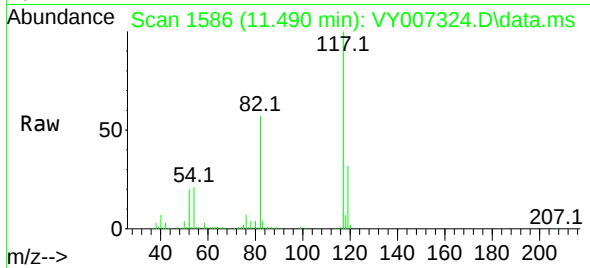




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

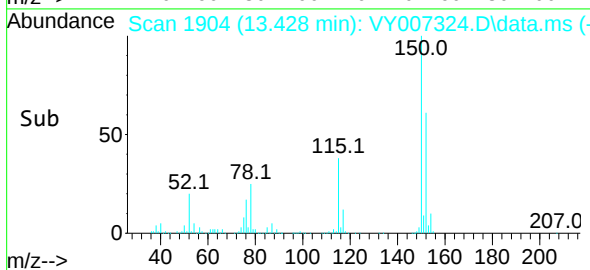
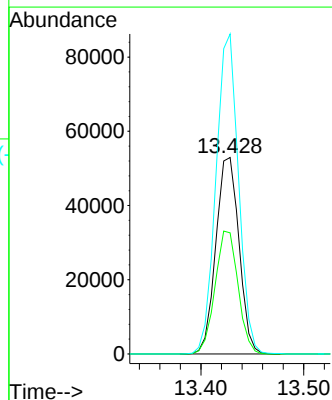
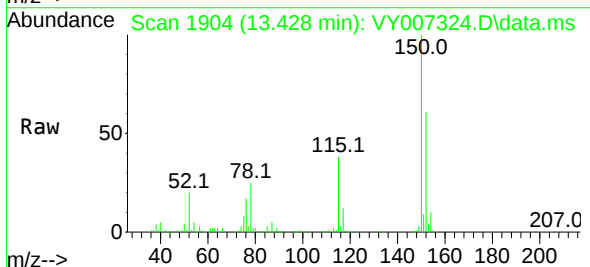
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(6)

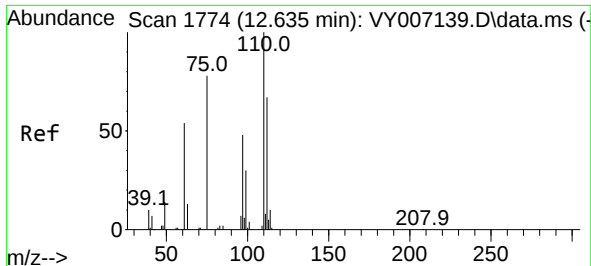
Tgt Ion:117 Resp: 186243
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.001 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Tgt Ion:152 Resp: 82638
Ion Ratio Lower Upper
152 100
115 62.3 31.4 94.0
150 158.6 0.0 348.4

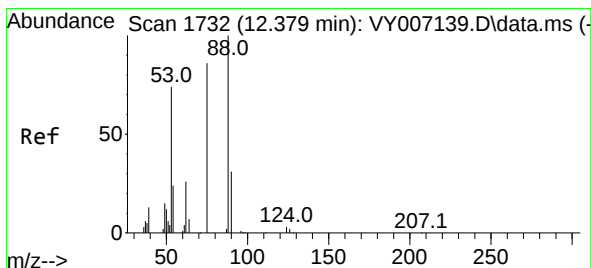
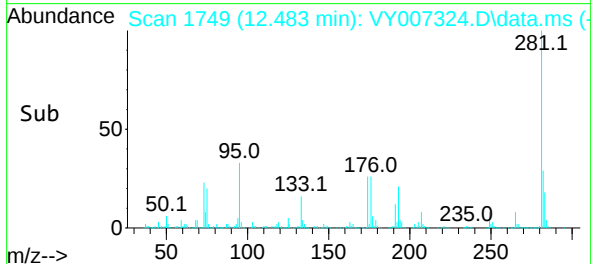
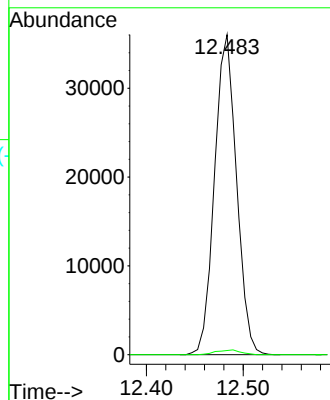
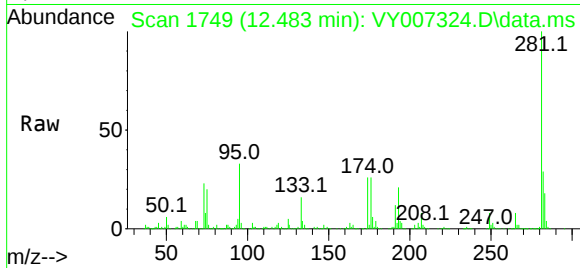




#76
1,2,3-Trichloropropane
Concen: 60.351 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(6)

Tgt Ion: 75 Resp: 56868
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.486 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Tgt Ion: 75 Resp: 56868
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 5.4 0.0 0.0#

