

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007320.D
 Acq On : 28 Jan 2022 14:58
 Operator : SY/MD
 Sample : N1309-02
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(2)

Quant Time: Jan 31 00:30:31 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)

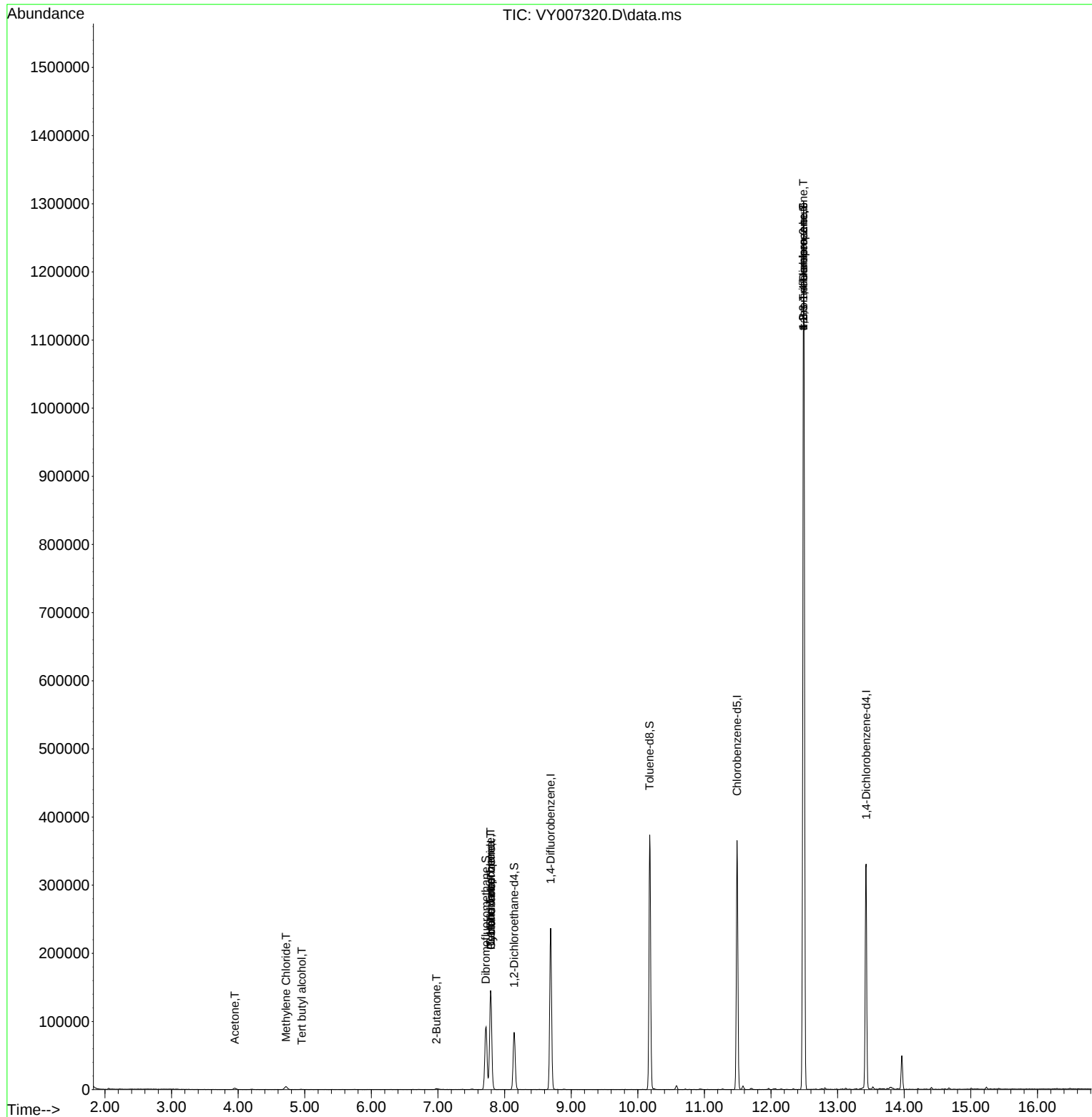
Internal Standards						
1) Pentafluorobenzene	7.795	168	108278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65977	49.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.320%
35) Dibromofluoromethane	7.716	113	66165	49.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.179	98	245663	49.802	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.483	95	89749	51.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.300%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	793	2.230	ug/l #	73
16) Acetone	3.948	43	3572	10.360	ug/l	100
20) Methylene Chloride	4.716	84	3397	2.383	ug/l	87
25) 2-Butanone	6.978	43	482	1.081	ug/l #	47
31) Cyclohexane	7.795	56	2429	1.081	ug/l #	23
36) 1,1-Dichloropropene	7.789	75	8822	4.092	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11582	5.107	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	59091	64.349	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59091	117.805	ug/l #	3

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

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STATE-ST-SP1-(2)

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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

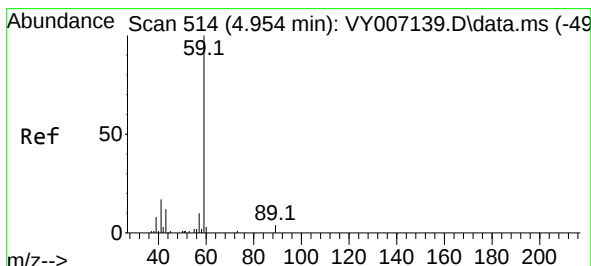
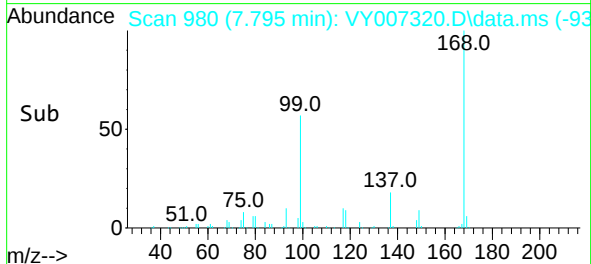
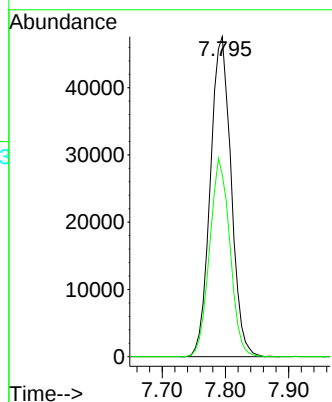
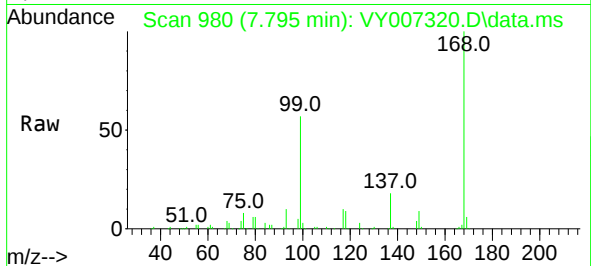




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

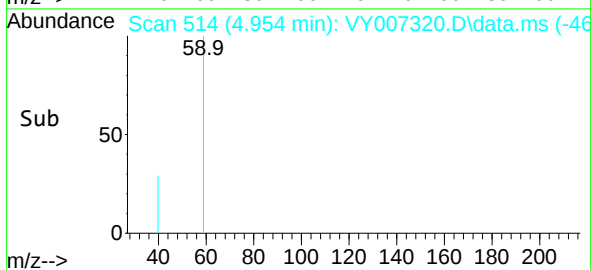
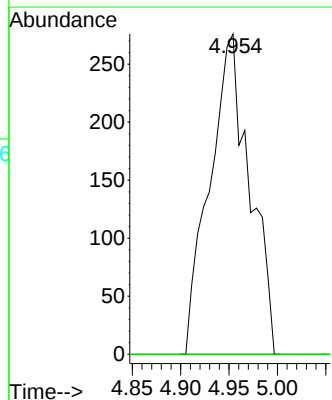
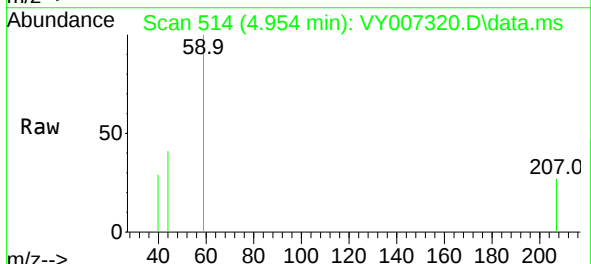
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(2)

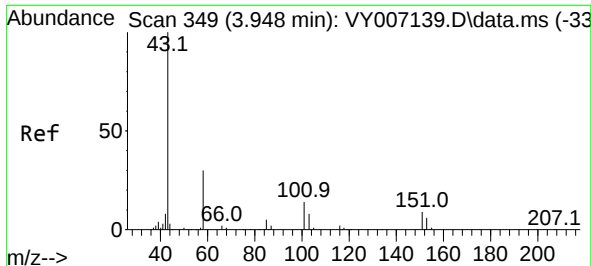
Tgt Ion:168 Resp: 108278
Ion Ratio Lower Upper
168 100
99 56.9 49.1 73.7



#11
Tert butyl alcohol
Concen: 2.230 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

Tgt Ion: 59 Resp: 793
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

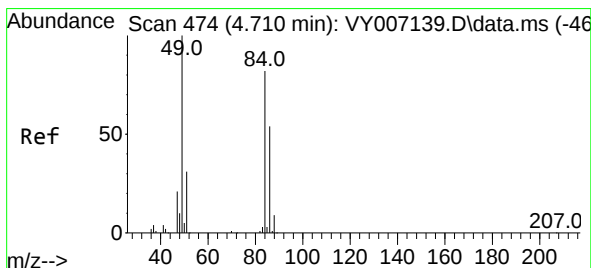
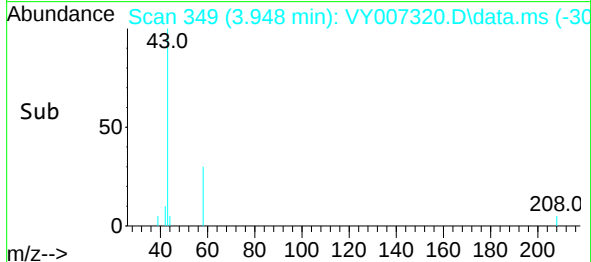
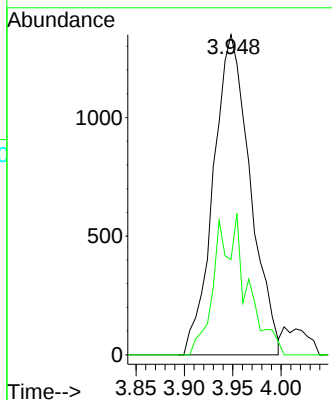
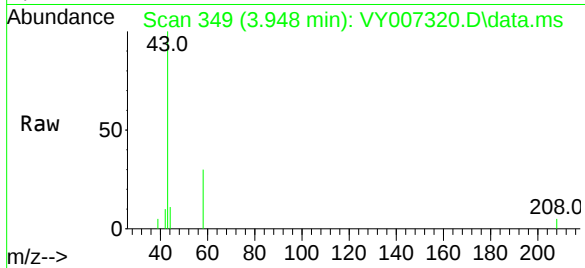




#16
Acetone
Concen: 10.360 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

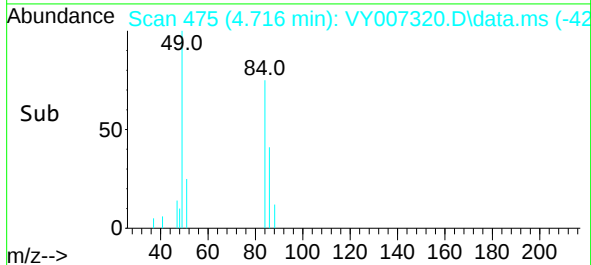
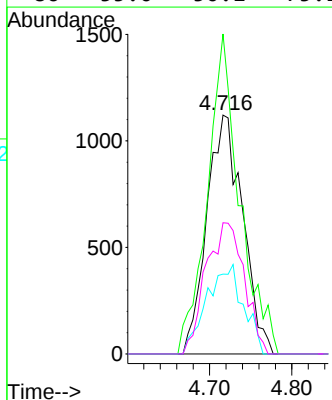
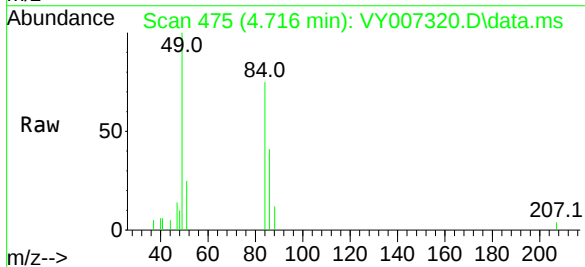
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(2)

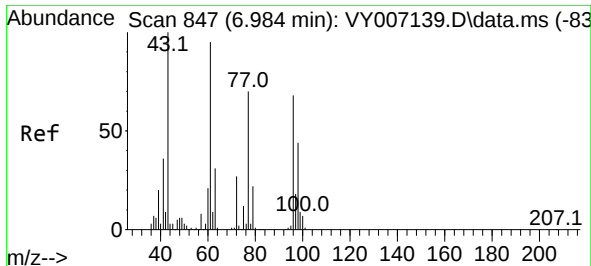
Tgt Ion: 43 Resp: 3572
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.6



#20
Methylene Chloride
Concen: 2.383 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

Tgt Ion: 84 Resp: 3397
Ion Ratio Lower Upper
84 100
49 134.0 92.6 139.0
51 33.5 28.6 42.8
86 55.0 50.1 75.1

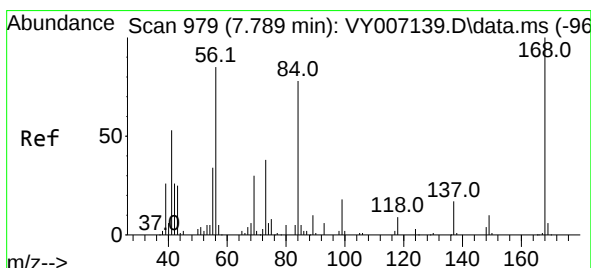
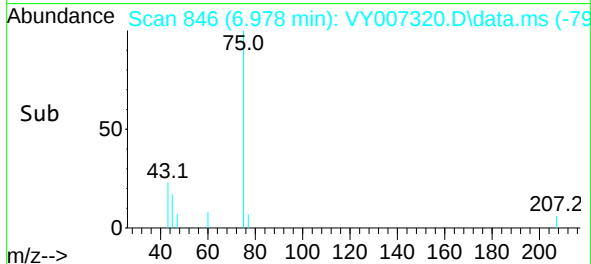
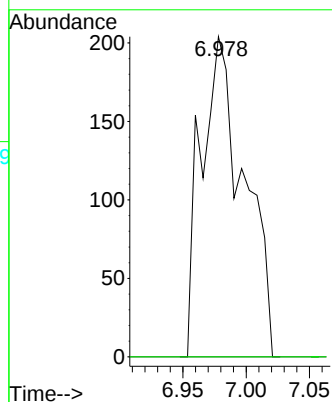
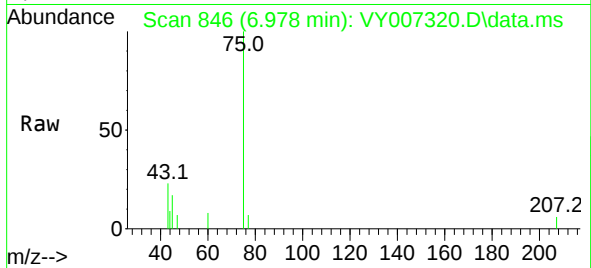




#25
2-Butanone
Concen: 1.081 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

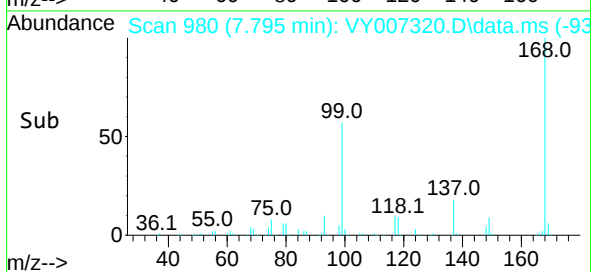
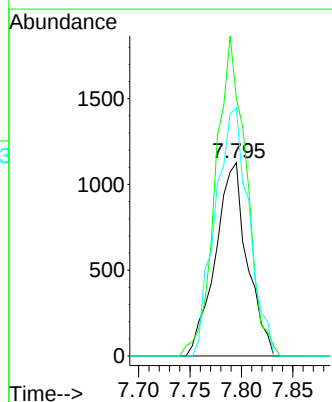
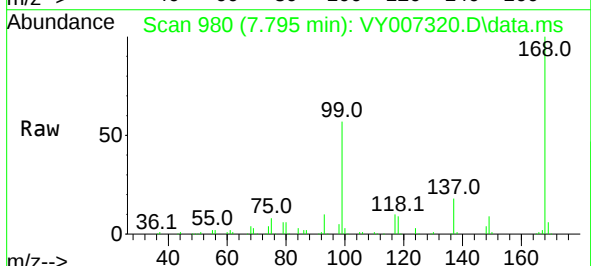
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(2)

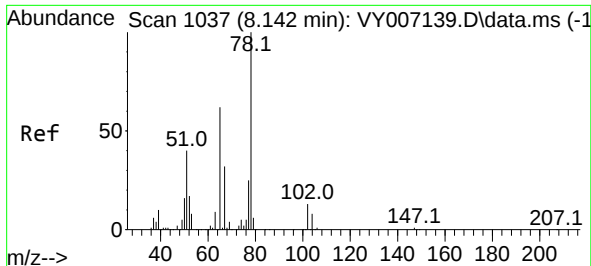
Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

Tgt Ion: 56 Resp: 2429
Ion Ratio Lower Upper
56 100
69 133.3 27.2 40.8#
84 128.5 72.1 108.1#

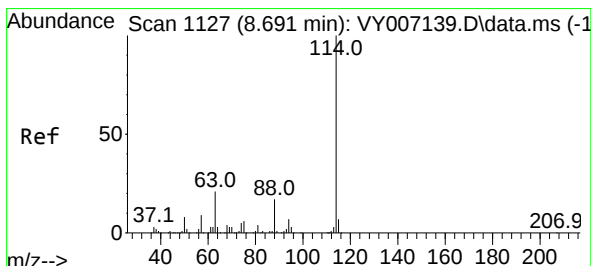
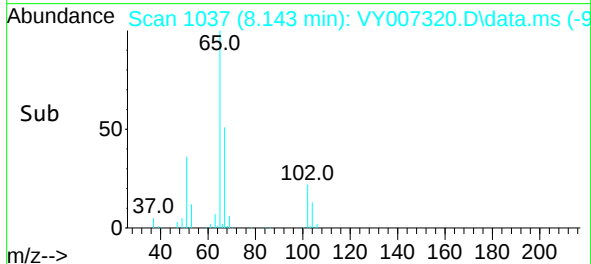
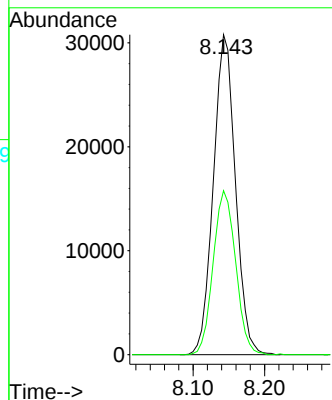
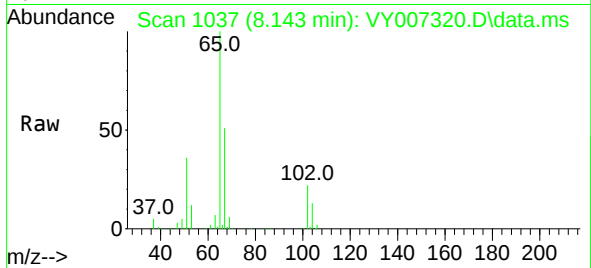




#33
 1,2-Dichloroethane-d4
 Concen: 49.660 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007320.D
 Acq: 28 Jan 2022 14:58

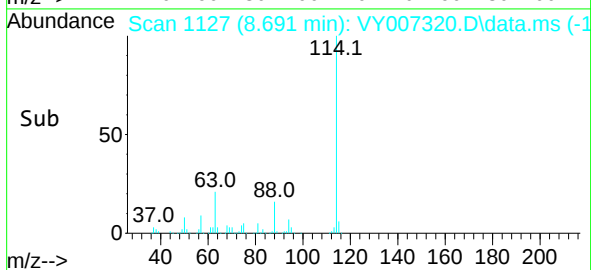
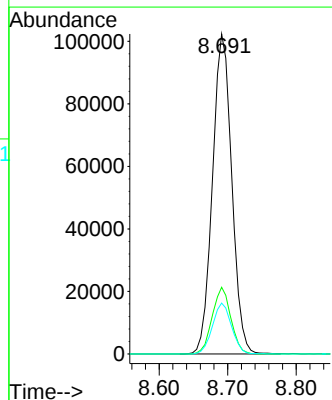
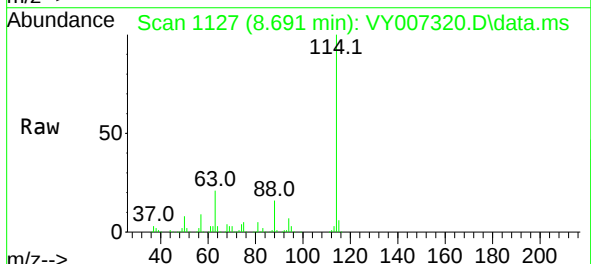
Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(2)

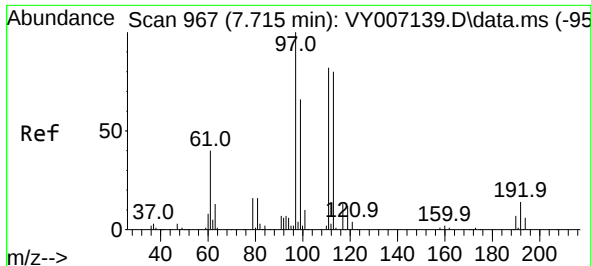
Tgt Ion: 65 Resp: 65977
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007320.D
 Acq: 28 Jan 2022 14:58

Tgt Ion: 114 Resp: 199649
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.2
 88 15.9 0.0 31.0

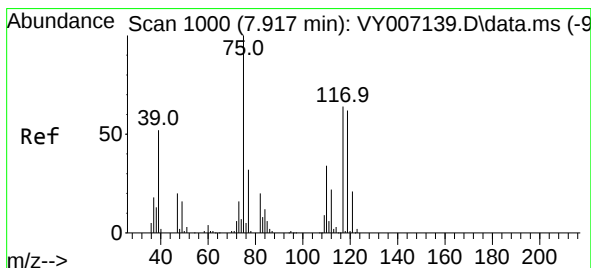
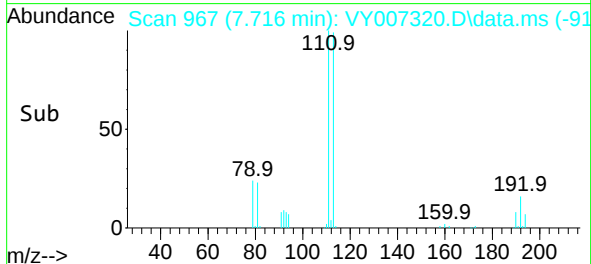
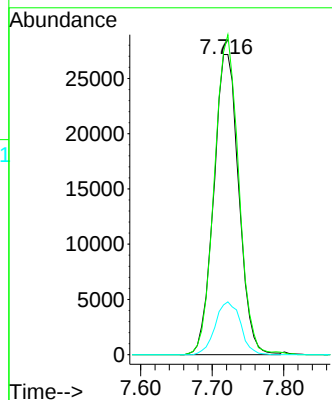
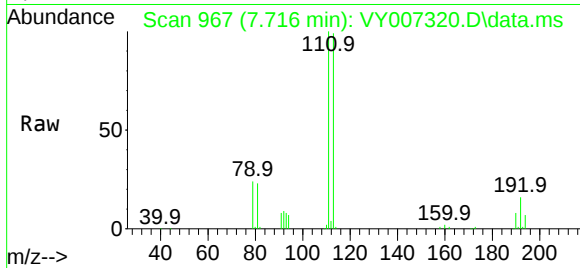




#35
Dibromofluoromethane
Concen: 49.011 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

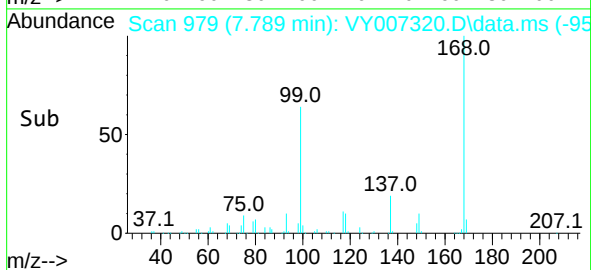
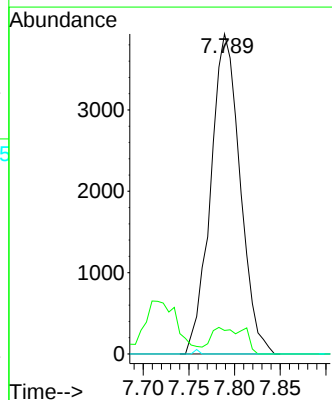
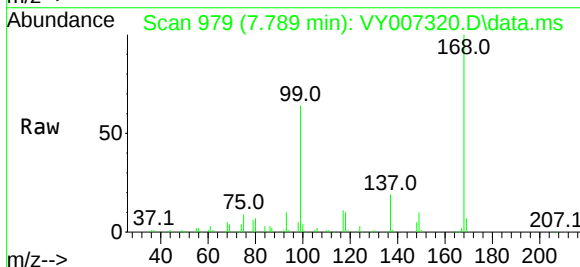
Instrument :
MSVOA_Y
ClientSampleId :
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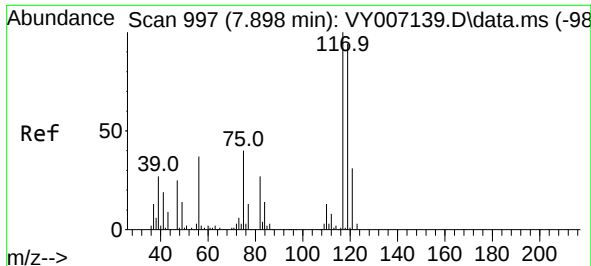
Tgt Ion:113 Resp: 66165
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.7 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.092 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

Tgt Ion: 75 Resp: 8822
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.9#
77 0.0 24.7 37.1#

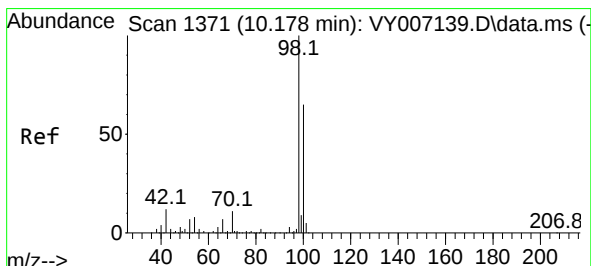
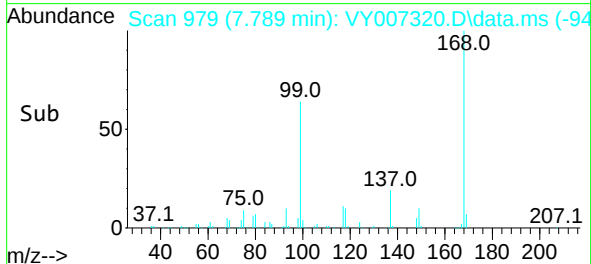
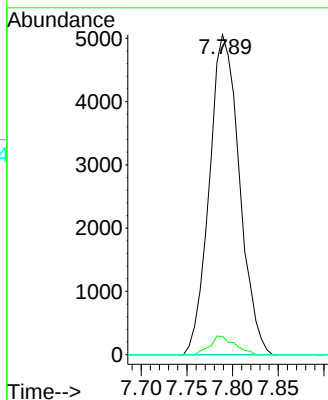
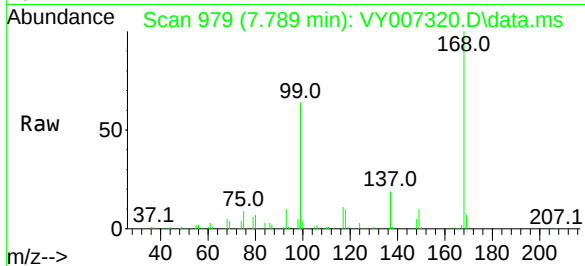




#38
Carbon Tetrachloride
Concen: 5.107 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

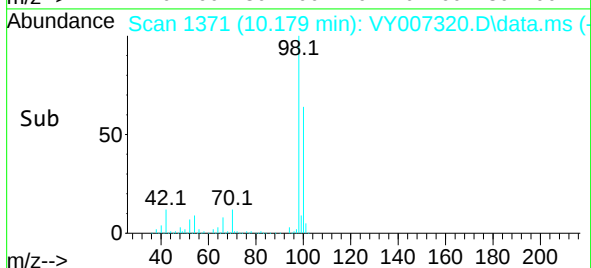
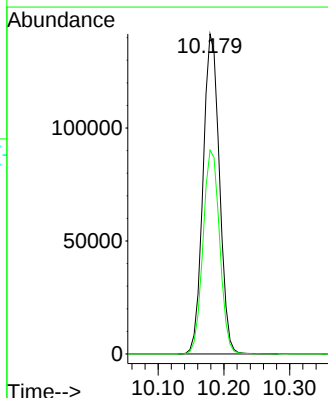
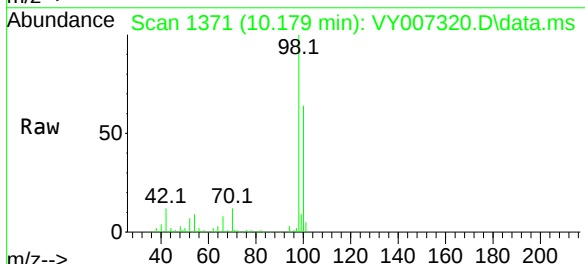
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STATE-ST-SP1-(2)

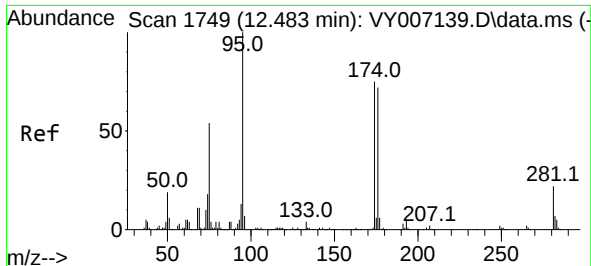
Tgt Ion:117 Resp: 11582
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.802 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

Tgt Ion: 98 Resp: 245663
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

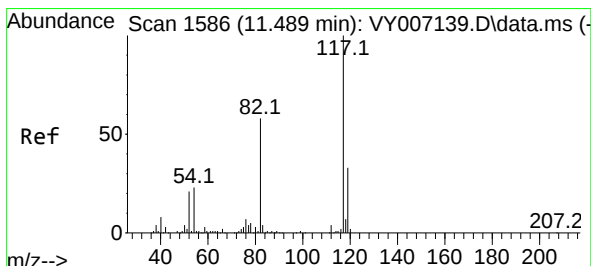
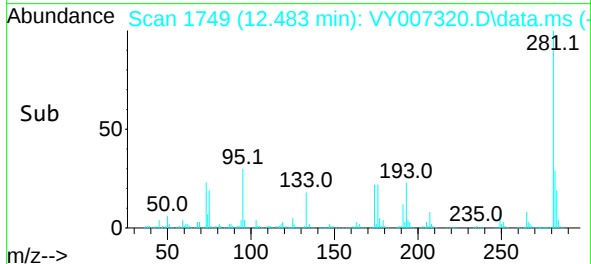
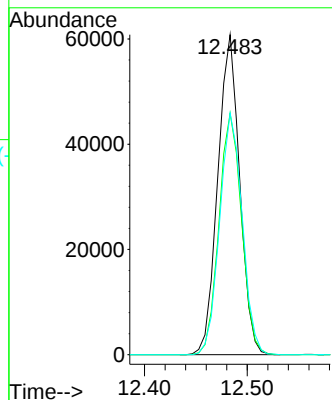
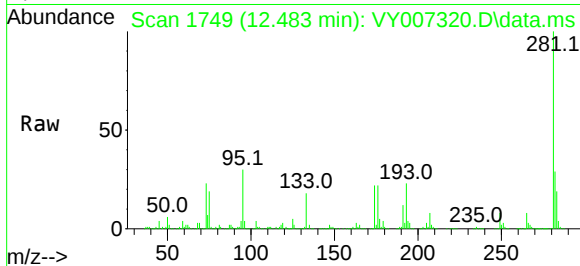




#62
4-Bromofluorobenzene
Concen: 51.148 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

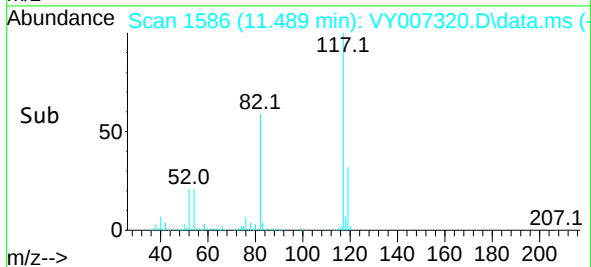
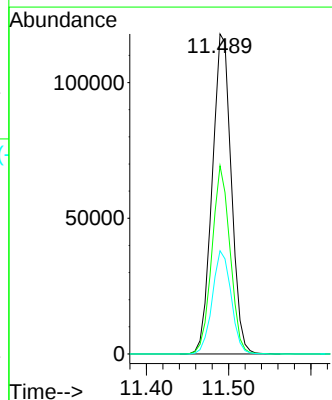
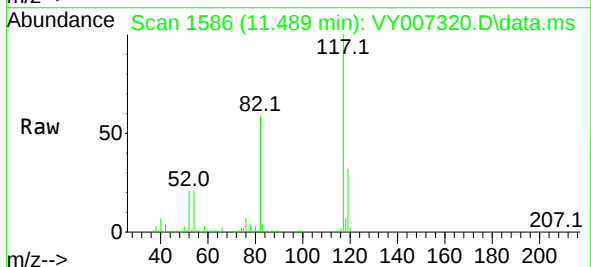
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(2)

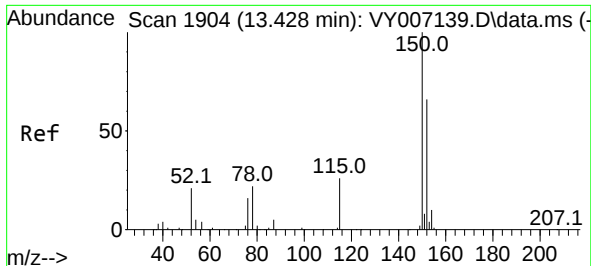
Tgt Ion: 95 Resp: 89749
Ion Ratio Lower Upper
95 100
174 77.7 0.0 148.4
176 78.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

Tgt Ion: 117 Resp: 189743
Ion Ratio Lower Upper
117 100
82 58.8 45.4 68.0
119 32.3 26.4 39.6

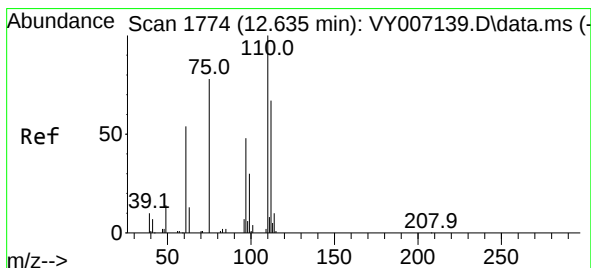
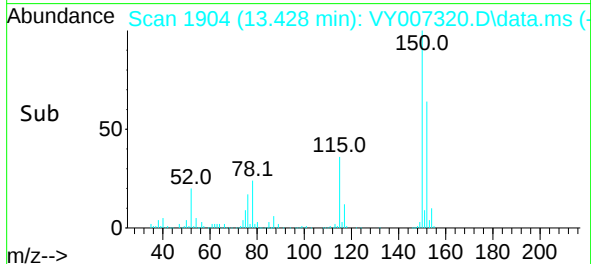
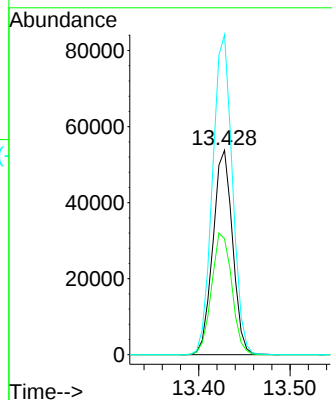
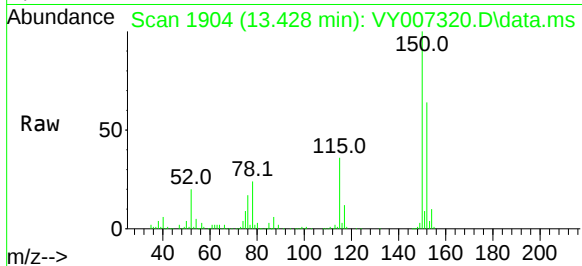




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007320.D
 Acq: 28 Jan 2022 14:58

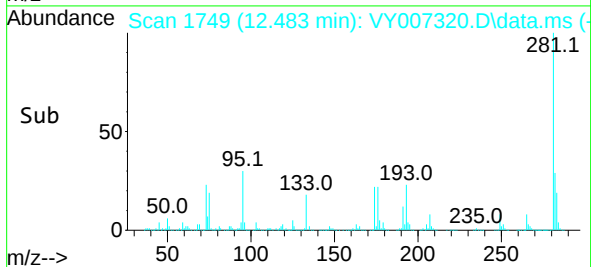
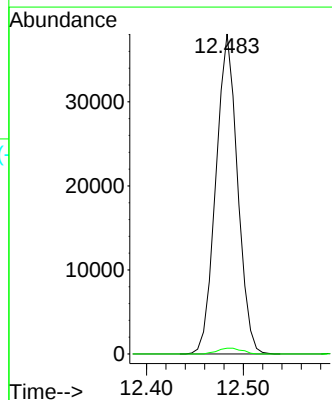
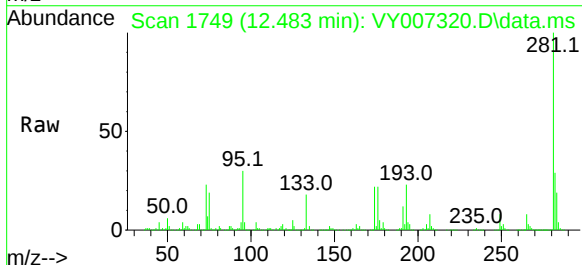
Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(2)

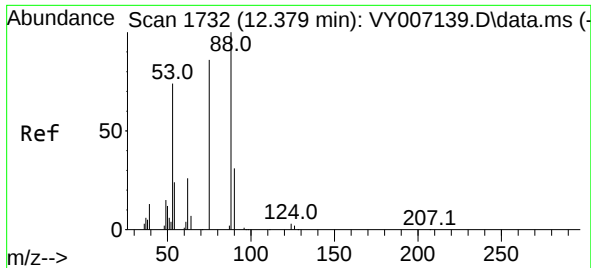
Tgt Ion:152 Resp: 80533
 Ion Ratio Lower Upper
 152 100
 115 61.3 31.4 94.0
 150 157.9 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 64.349 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007320.D
 Acq: 28 Jan 2022 14:58

Tgt Ion: 75 Resp: 59091
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.805 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007320.D
 Acq: 28 Jan 2022 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(2)

Tgt Ion: 75 Resp: 59091
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 6.3 0.0 0.0#

