

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007333.D
 Acq On : 28 Jan 2022 20:03
 Operator : SY/MD
 Sample : N1333-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Quant Time: Jan 31 00:32:19 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	101298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83720	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	68729	55.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.600%
35) Dibromofluoromethane	7.722	113	64260	50.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.640%
50) Toluene-d8	10.179	98	232175	49.758	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.483	95	84520	50.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.840%

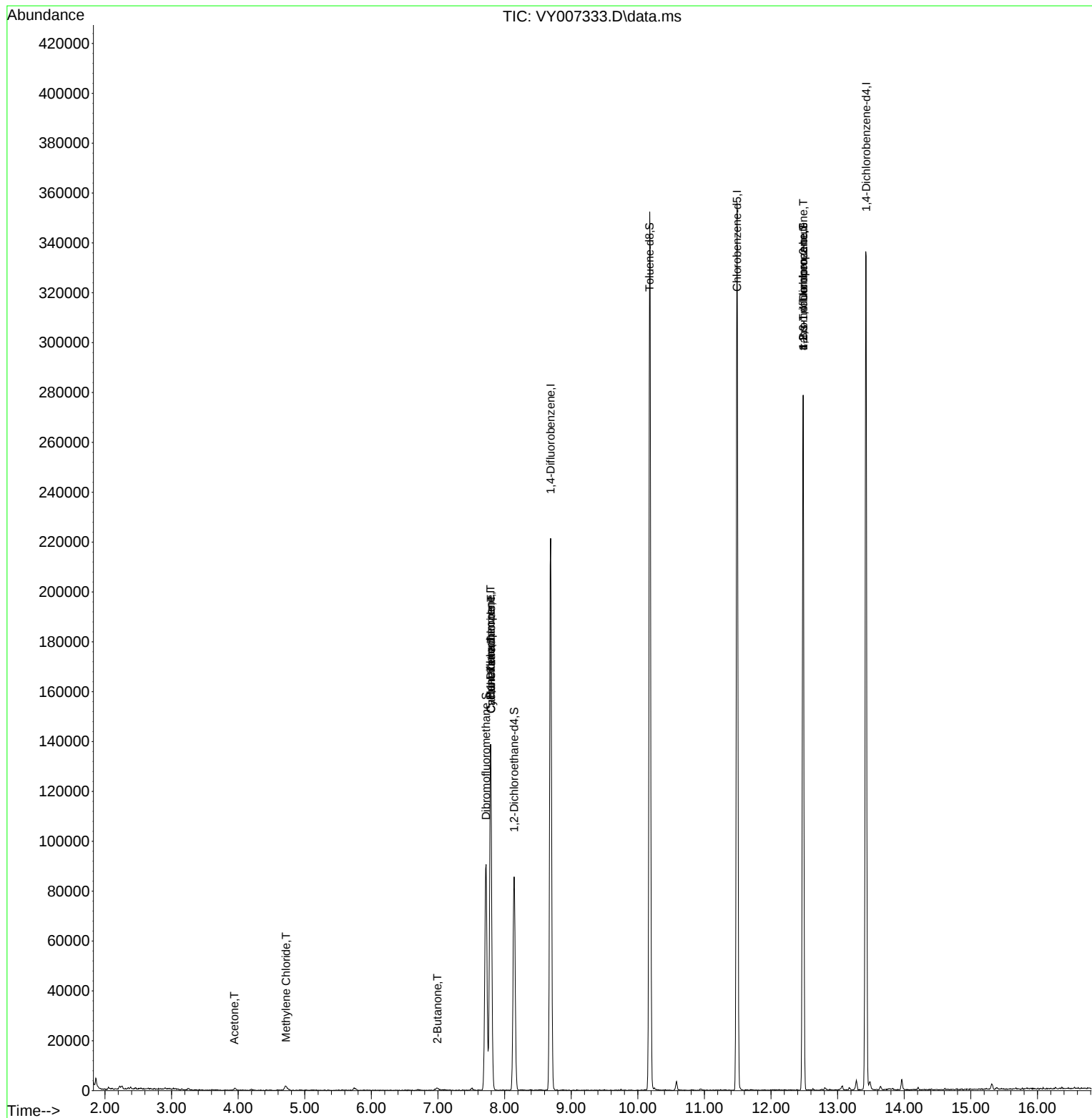
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.954	59	149	Below Cal	#	73
16) Acetone	3.942	43	1272	3.943	ug/l #	87
20) Methylene Chloride	4.716	84	1470	1.102	ug/l #	63
25) 2-Butanone	6.990	43	483	1.158	ug/l #	47
31) Cyclohexane	7.795	56	2206	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8438	4.137	ug/l #	52
38) Carbon Tetrachloride	7.795	117	11085	5.167	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	46589	48.803	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46589	89.345	ug/l #	3

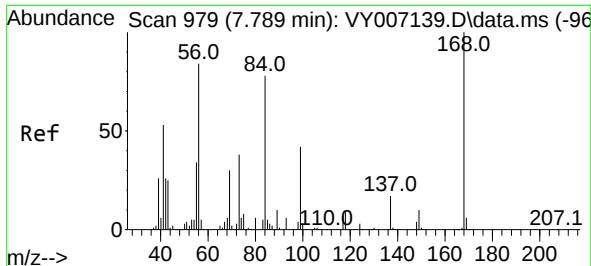
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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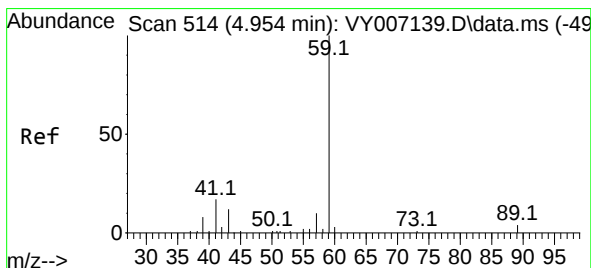
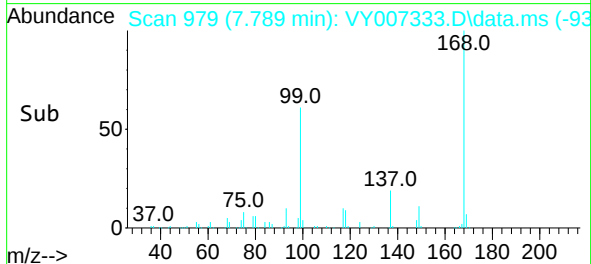
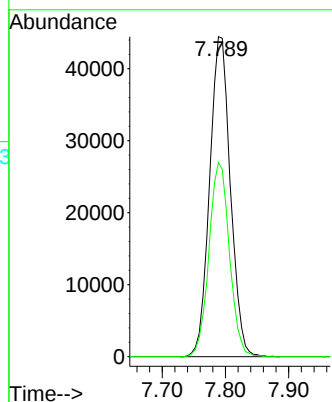
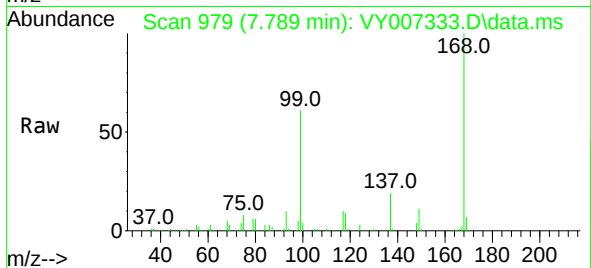




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007333.D
Acq: 28 Jan 2022 20:03

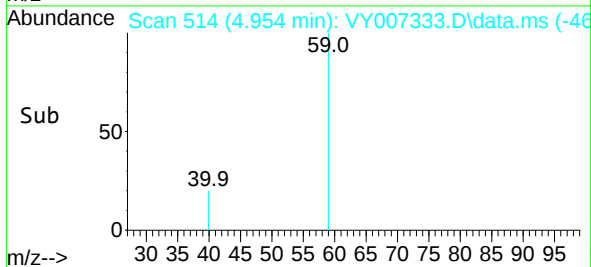
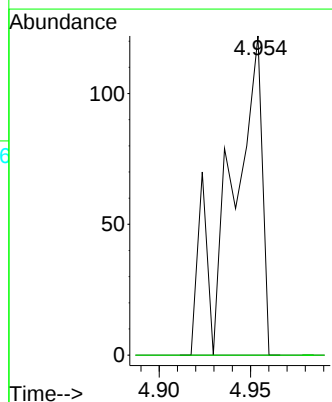
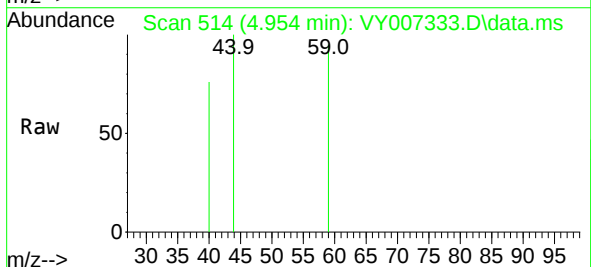
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

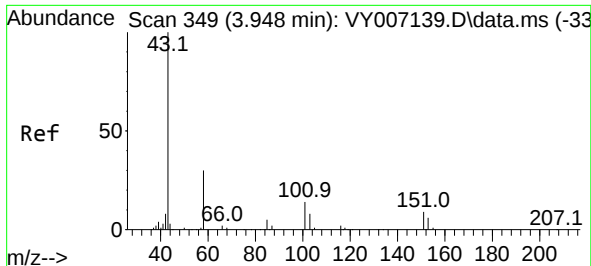
Tgt Ion:168 Resp: 101298
Ion Ratio Lower Upper
168 100
99 60.7 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY007333.D
Acq: 28 Jan 2022 20:03

Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

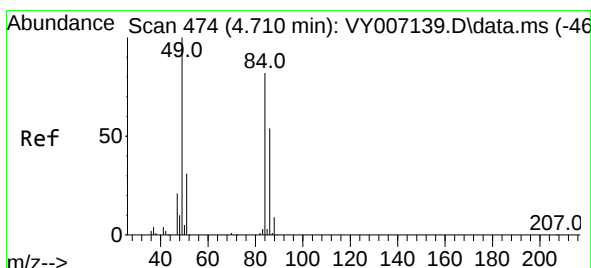
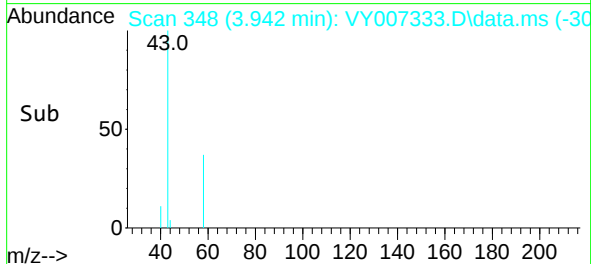
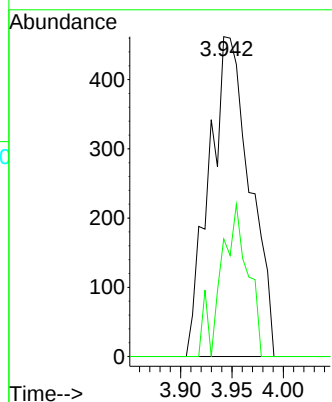
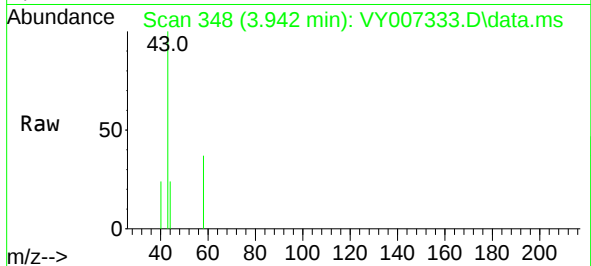




#16
Acetone
Concen: 3.943 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007333.D
Acq: 28 Jan 2022 20:03

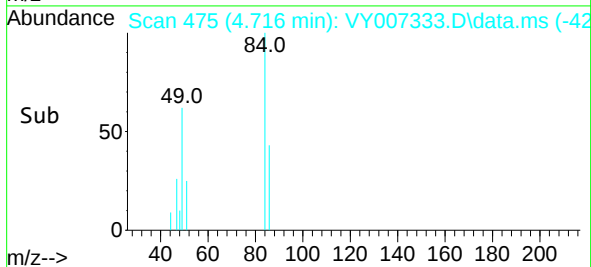
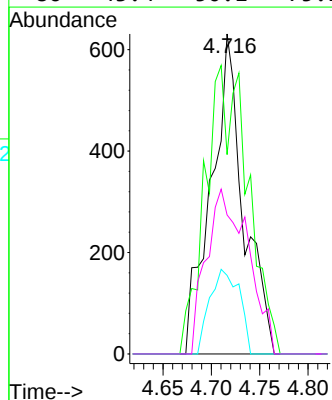
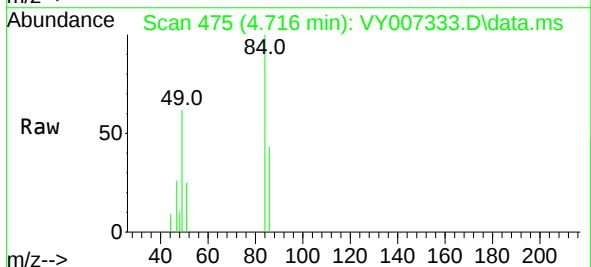
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

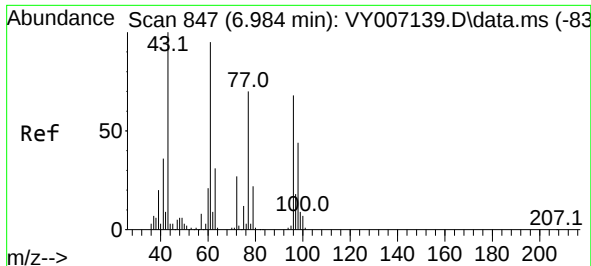
Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 36.8 23.8 35.6#



#20
Methylene Chloride
Concen: 1.102 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY007333.D
Acq: 28 Jan 2022 20:03

Tgt Ion: 84 Resp: 1470
Ion Ratio Lower Upper
84 100
49 62.3 92.6 139.0#
51 24.6 28.6 42.8#
86 43.4 50.1 75.1#

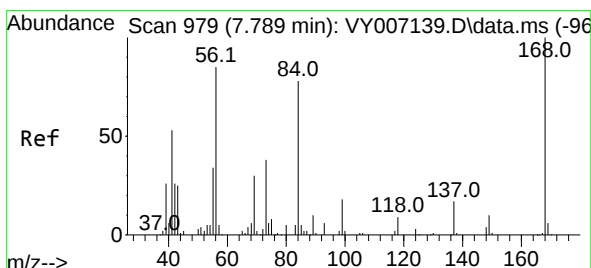
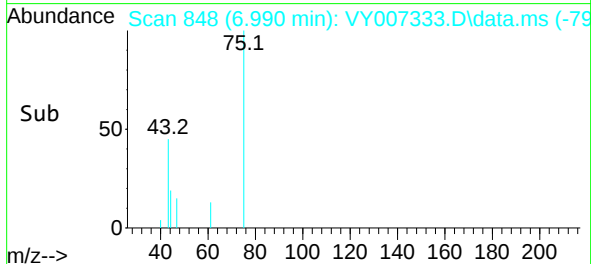
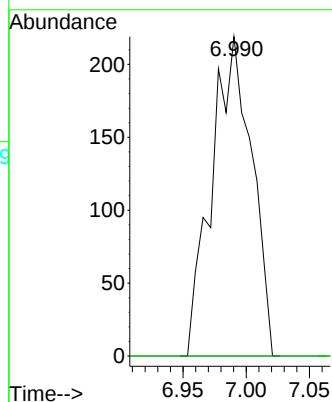
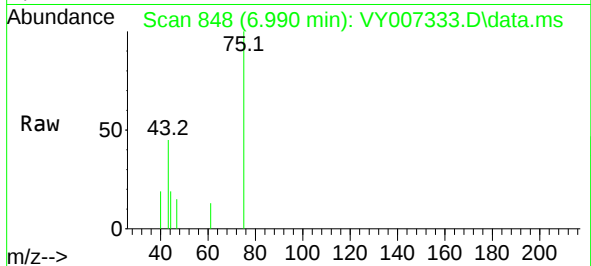




#25
2-Butanone
Concen: 1.158 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY007333.D
Acq: 28 Jan 2022 20:03

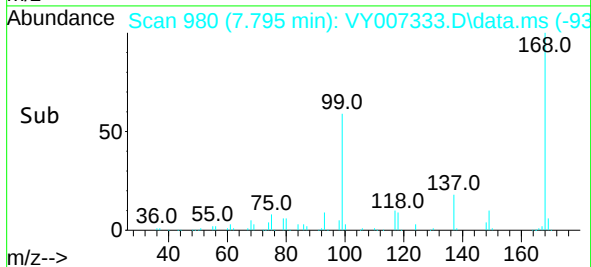
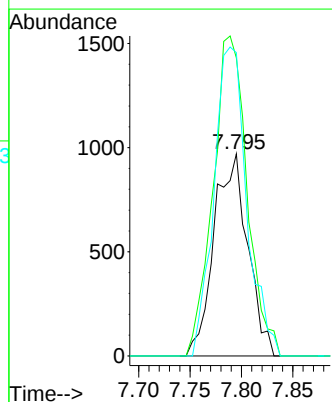
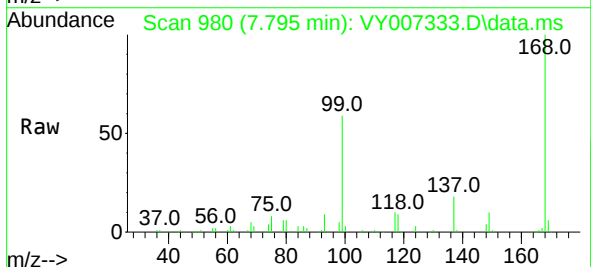
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

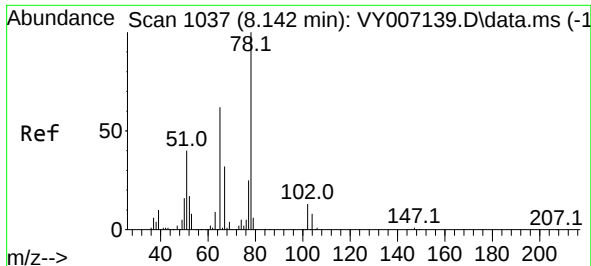
Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY007333.D
Acq: 28 Jan 2022 20:03

Tgt Ion: 56 Resp: 2206
Ion Ratio Lower Upper
56 100
69 147.5 27.2 40.8#
84 150.1 72.1 108.1#

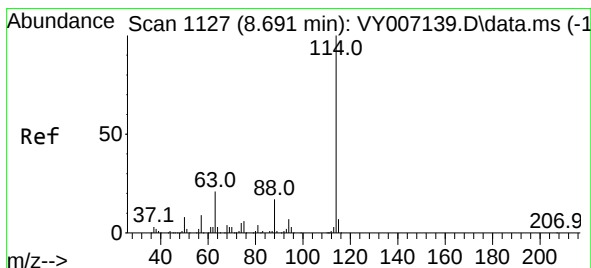
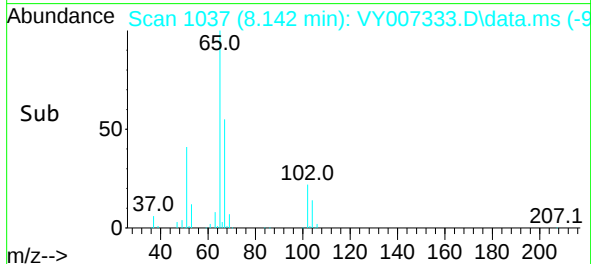
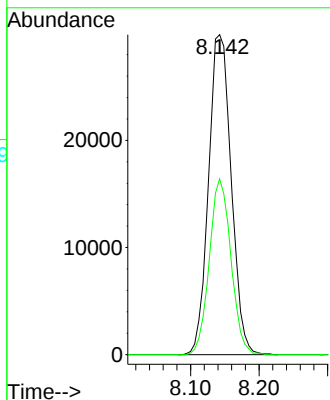
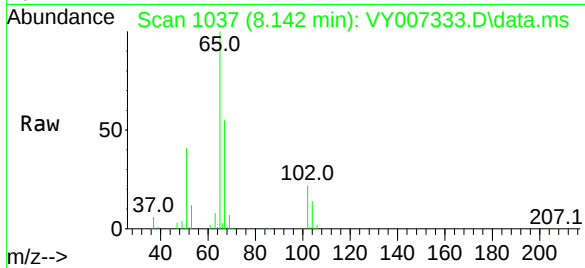




#33
 1,2-Dichloroethane-d4
 Concen: 55.296 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007333.D
 Acq: 28 Jan 2022 20:03

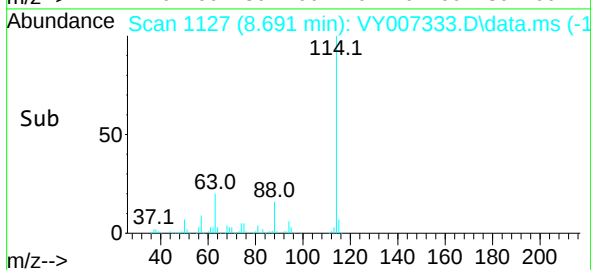
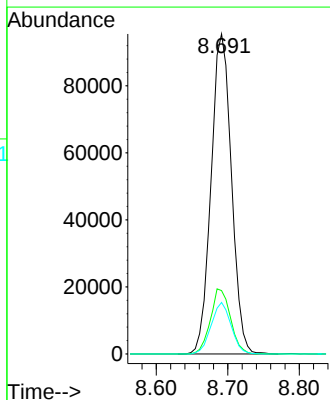
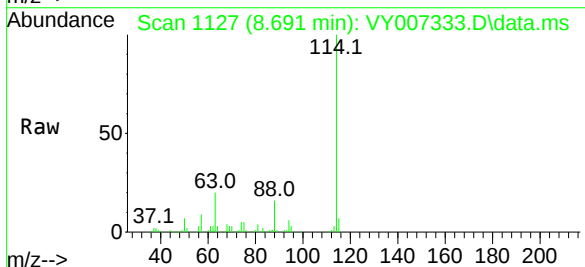
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

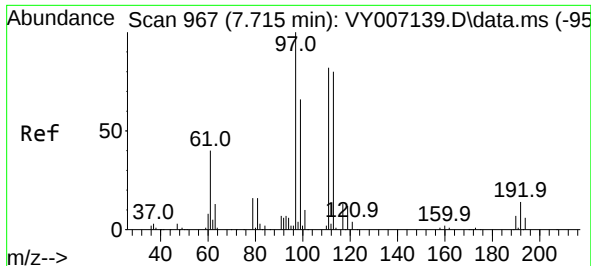
Tgt Ion: 65 Resp: 68729
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007333.D
 Acq: 28 Jan 2022 20:03

Tgt Ion: 114 Resp: 188854
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 16.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.321 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY007333.D

Acq: 28 Jan 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-5

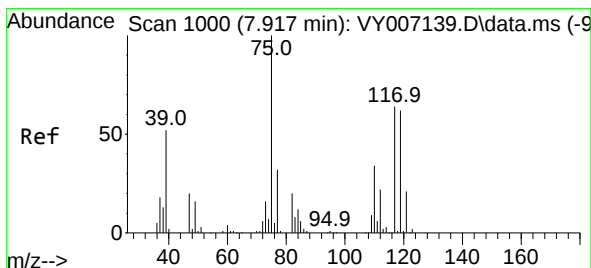
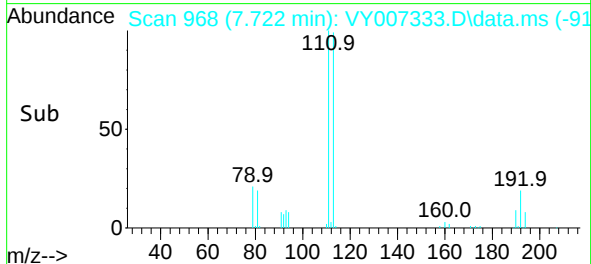
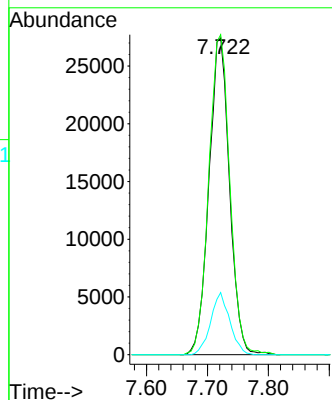
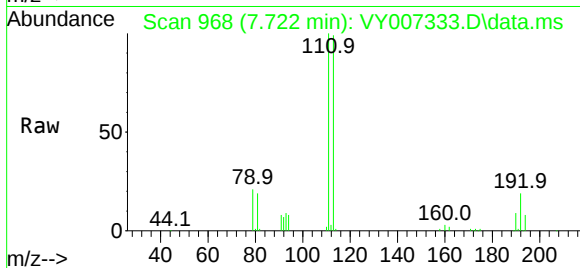
Tgt Ion:113 Resp: 64260

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 18.3 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.137 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY007333.D

Acq: 28 Jan 2022 20:03

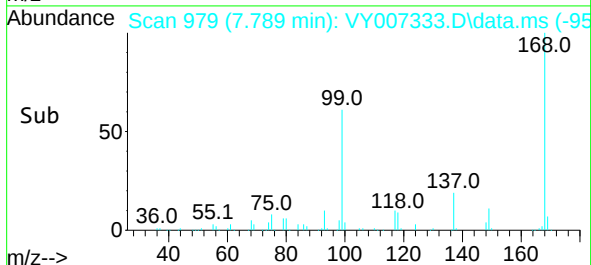
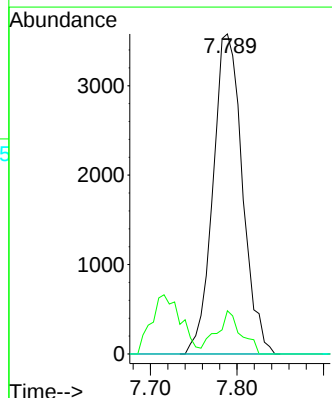
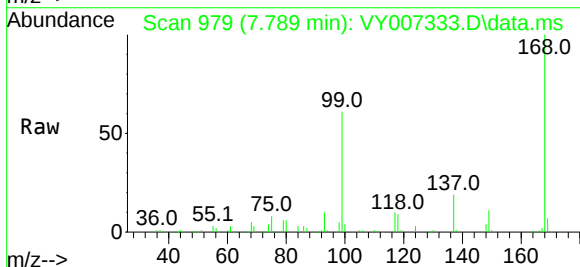
Tgt Ion: 75 Resp: 8438

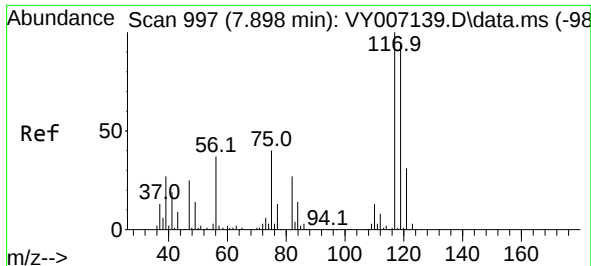
Ion Ratio Lower Upper

75 100

110 11.1 17.3 51.9#

77 0.0 24.7 37.1#

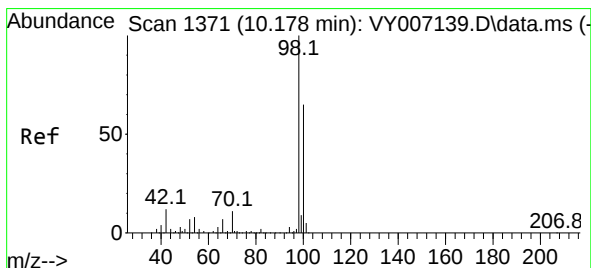
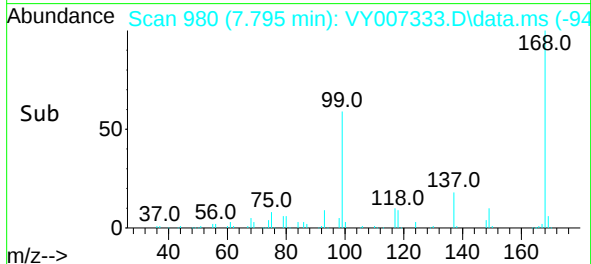
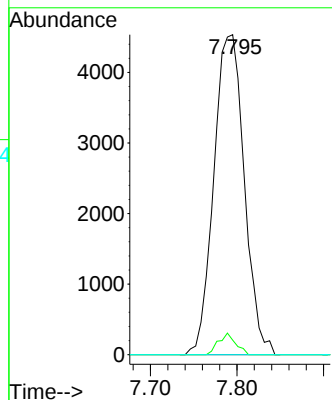
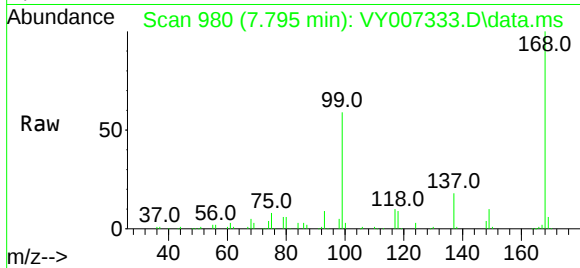




#38
Carbon Tetrachloride
Concen: 5.167 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY007333.D
Acq: 28 Jan 2022 20:03

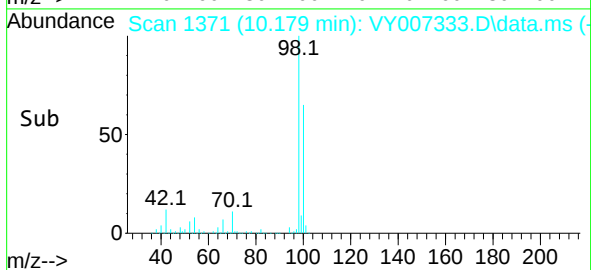
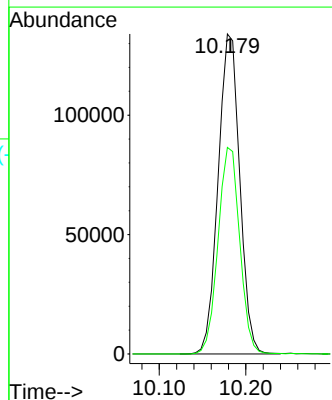
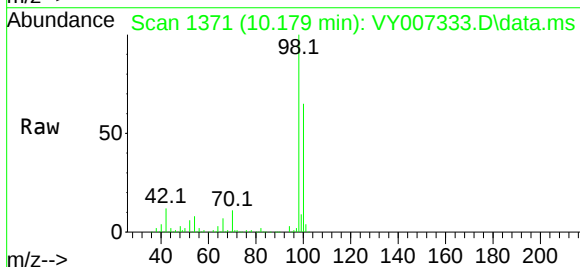
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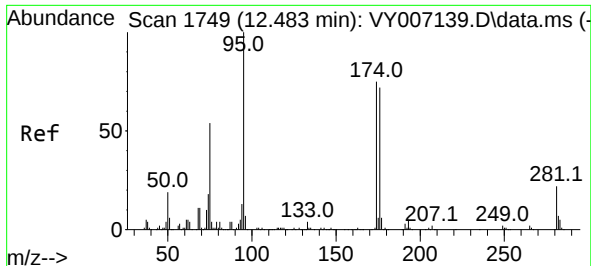
Tgt Ion:117 Resp: 11085
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.758 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007333.D
Acq: 28 Jan 2022 20:03

Tgt Ion: 98 Resp: 232175
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

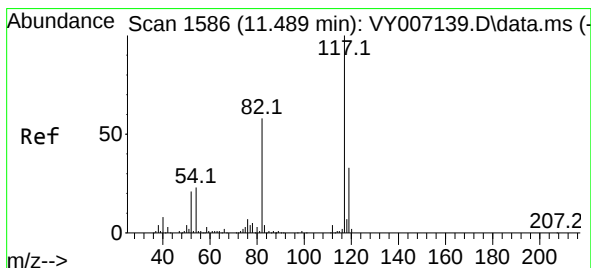
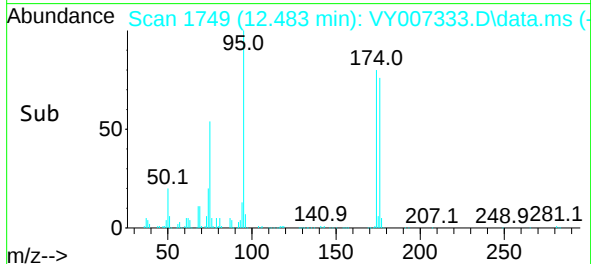
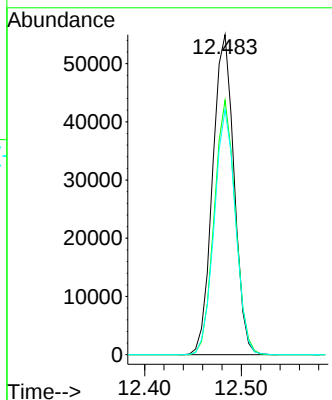
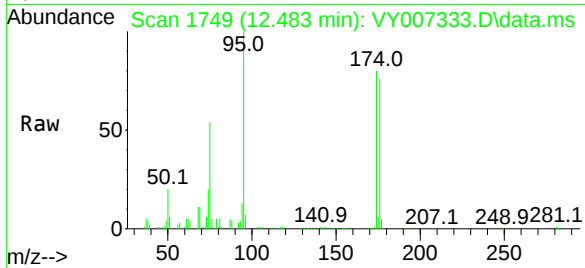




#62
4-Bromofluorobenzene
Concen: 50.922 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007333.D
Acq: 28 Jan 2022 20:03

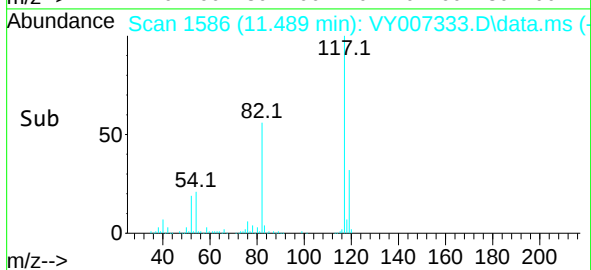
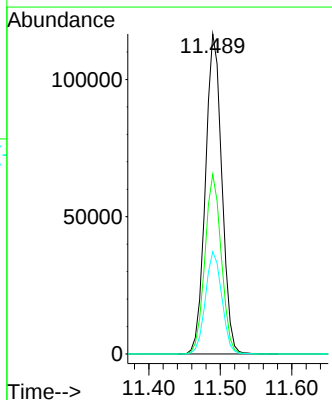
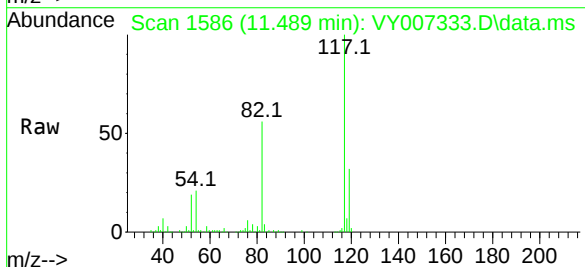
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

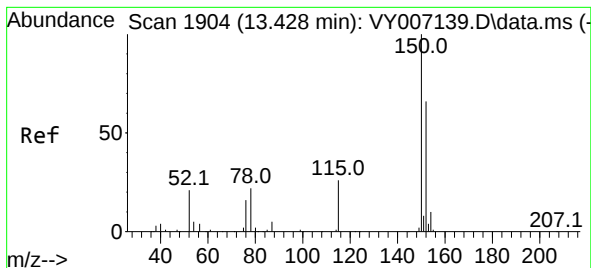
Tgt Ion: 95 Resp: 84520
Ion Ratio Lower Upper
95 100
174 78.4 0.0 148.4
176 75.8 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007333.D
Acq: 28 Jan 2022 20:03

Tgt Ion: 117 Resp: 185919
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 31.9 26.4 39.6

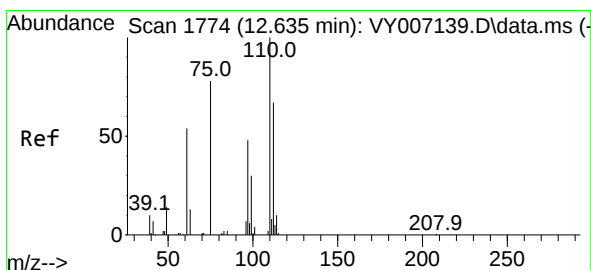
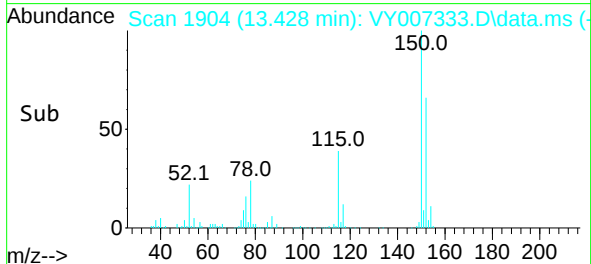
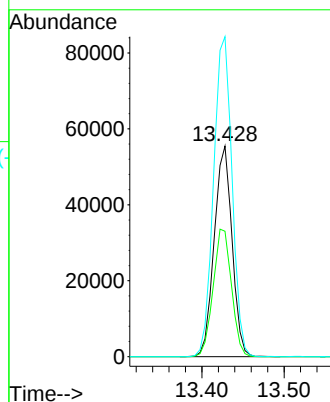
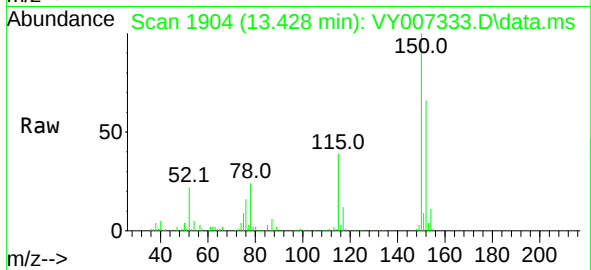




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007333.D
 Acq: 28 Jan 2022 20:03

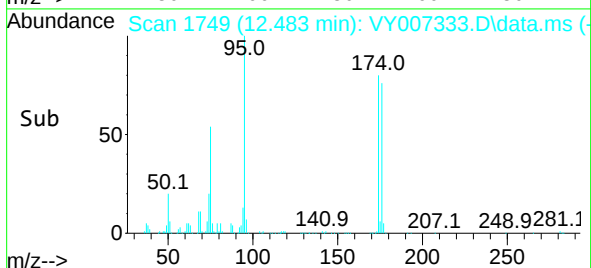
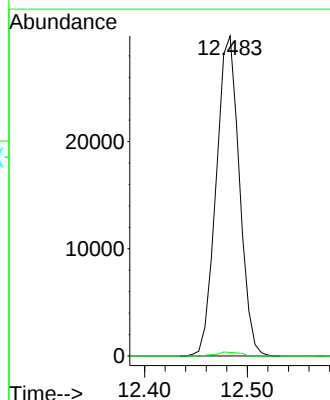
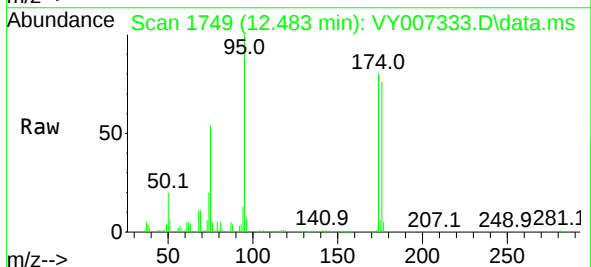
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

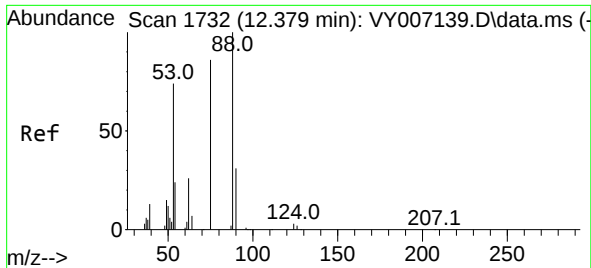
Tgt Ion:152 Resp: 83720
 Ion Ratio Lower Upper
 152 100
 115 62.2 31.4 94.0
 150 156.9 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 48.803 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007333.D
 Acq: 28 Jan 2022 20:03

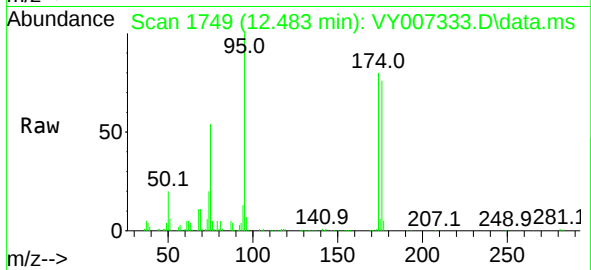
Tgt Ion: 75 Resp: 46589
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.345 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007333.D
 Acq: 28 Jan 2022 20:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5



Tgt Ion: 75 Resp: 46589
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.1 0.0 0.0#

