

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
 Data File : VY007312.D
 Acq On : 26 Jan 2022 17:28
 Operator : SY/MD
 Sample : N1267-12
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ART-ROOM-FLOORS

Quant Time: Jan 27 00:35:11 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)

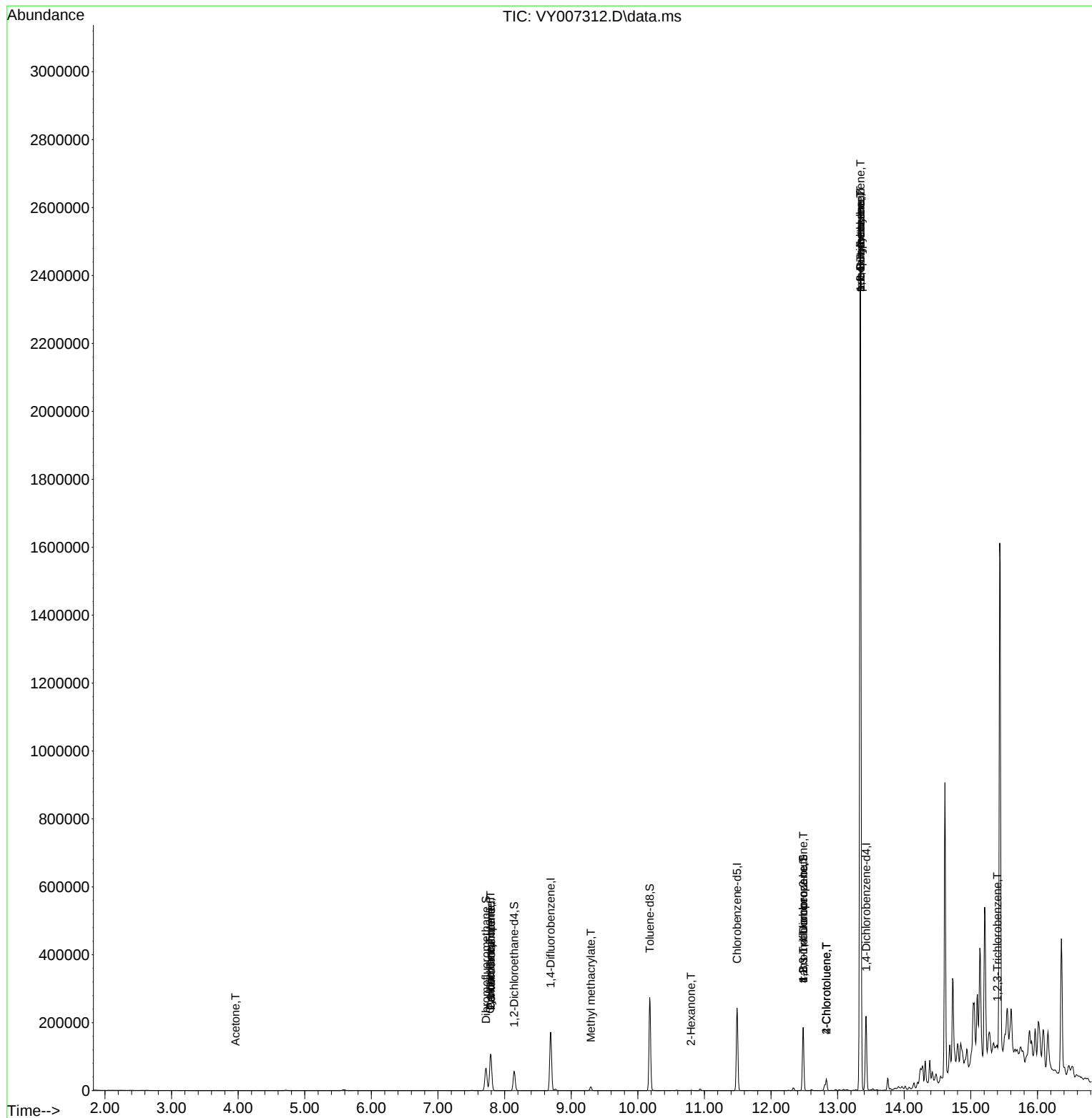
Internal Standards						
1) Pentafluorobenzene	7.795	168	80748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	147161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	130235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44664	45.079	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.160%		
35) Dibromofluoromethane	7.722	113	46692	46.923	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.840%		
50) Toluene-d8	10.179	98	178460	49.082	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.160%		
62) 4-Bromofluorobenzene	12.483	95	55965	43.271	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.540%		
Target Compounds					Qvalue	
16) Acetone	3.960	43	1753	6.817	ug/l	89
31) Cyclohexane	7.783	56	1785	1.066	ug/l #	36
36) 1,1-Dichloropropene	7.789	75	6858	4.315	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8713	5.212	ug/l #	14
48) Methyl methacrylate	9.295	41	5290	7.328	ug/l	94
59) 2-Hexanone	10.800	43	1311	2.401	ug/l #	23
76) 1,2,3-Trichloropropane	12.483	75	31385	53.039	ug/l #	100
79) 2-Chlorotoluene	12.831	91	4011	1.298	ug/l #	42
81) trans-1,4-Dichloro-2-b...	12.483	75	31385	97.099	ug/l #	3
82) 4-Chlorotoluene	12.831	91	4011	1.245	ug/l #	42
83) tert-Butylbenzene	13.343	119	9712	3.054	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.343	105	37080	10.165	ug/l #	46
85) sec-Butylbenzene	13.343	105	37081	7.794	ug/l #	69
86) p-Isopropyltoluene	13.343	119	12320	3.151	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.397	180	1507	1.710	ug/l #	28

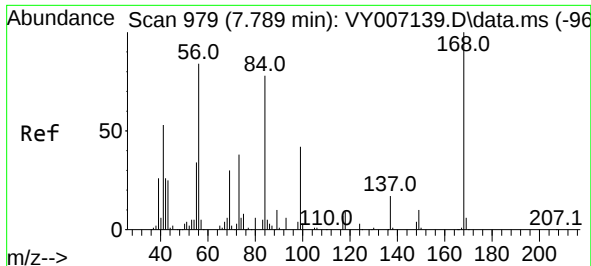
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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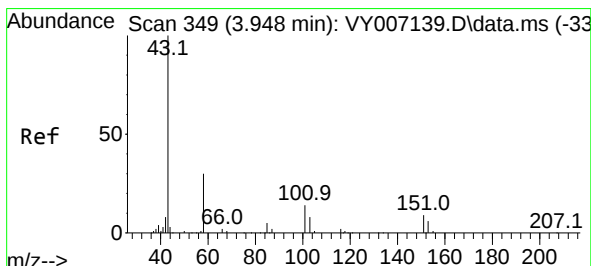
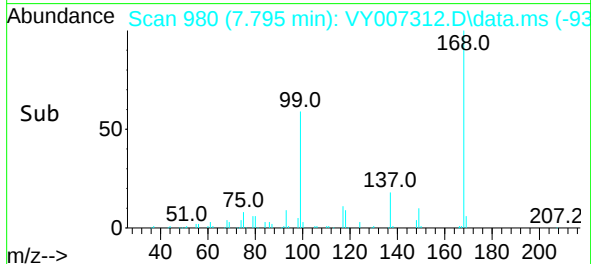
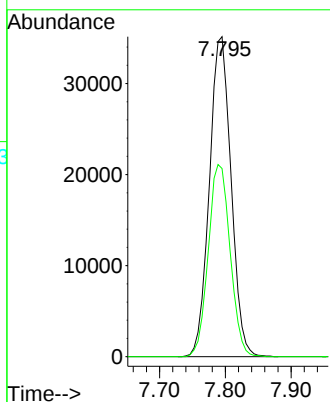
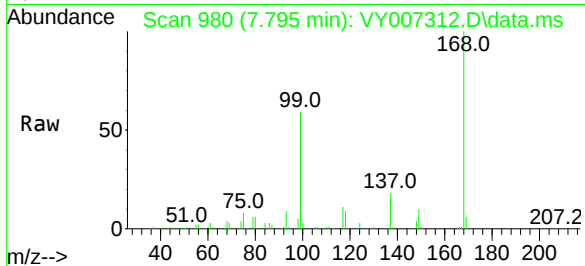




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

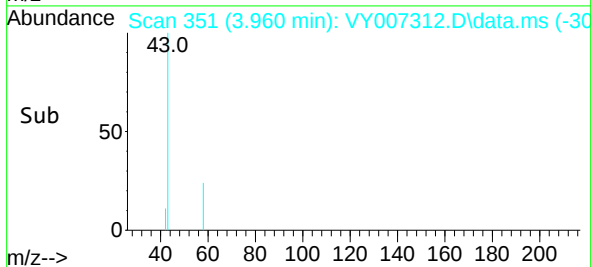
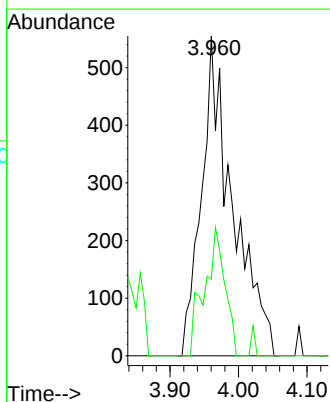
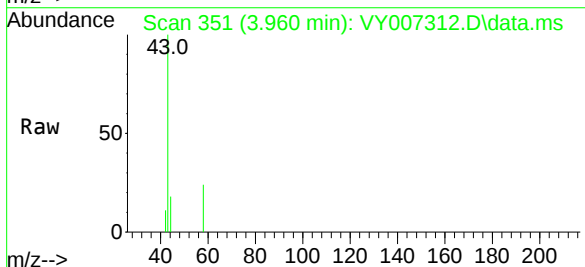
Instrument :
MSVOA_Y
ClientSampleId :
ART-ROOM-FLOORS

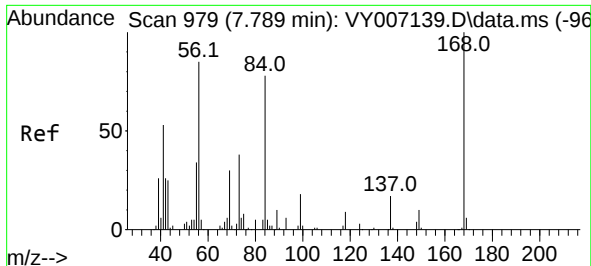
Tgt Ion:168 Resp: 80748
Ion Ratio Lower Upper
168 100
99 58.8 49.1 73.7



#16
Acetone
Concen: 6.817 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

Tgt Ion: 43 Resp: 1753
Ion Ratio Lower Upper
43 100
58 24.0 23.8 35.6

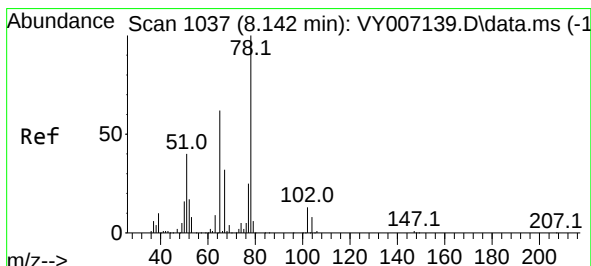
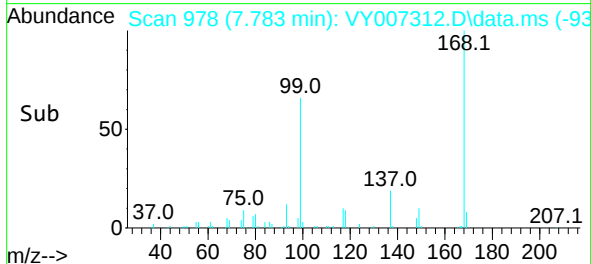
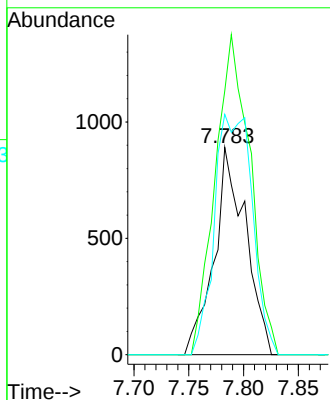
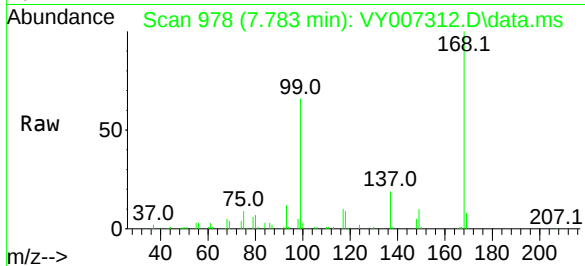




#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

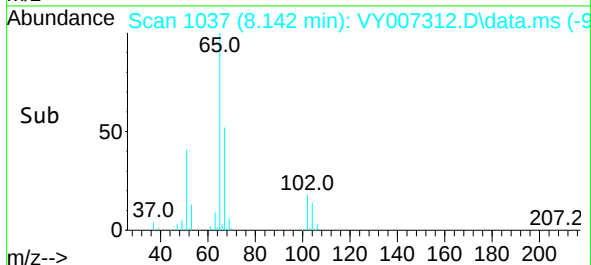
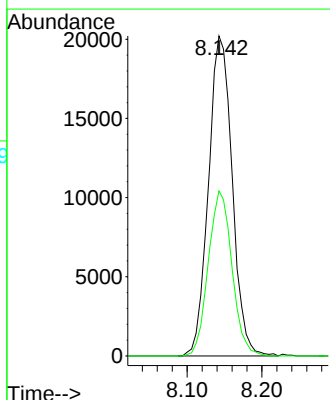
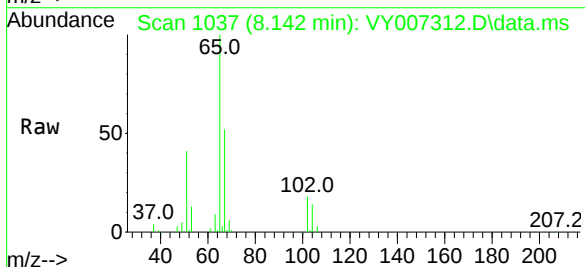
Instrument :
MSVOA_Y
ClientSampleId :
ART-ROOM-FLOORS

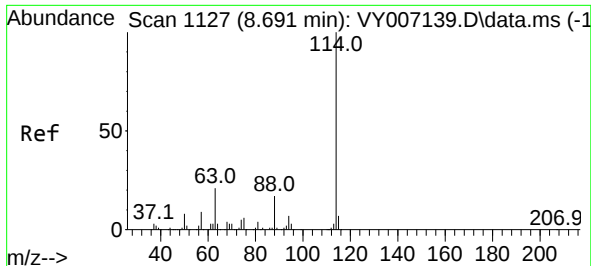
Tgt Ion: 56 Resp: 1785
Ion Ratio Lower Upper
56 100
69 127.2 27.2 40.8#
84 115.9 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 45.079 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

Tgt Ion: 65 Resp: 44664
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.6

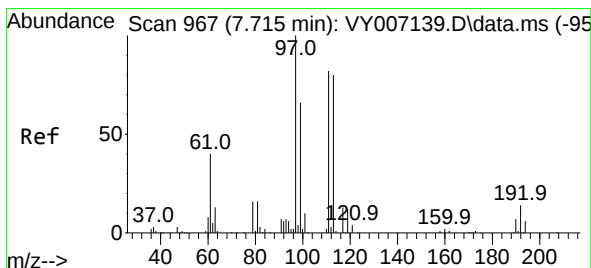
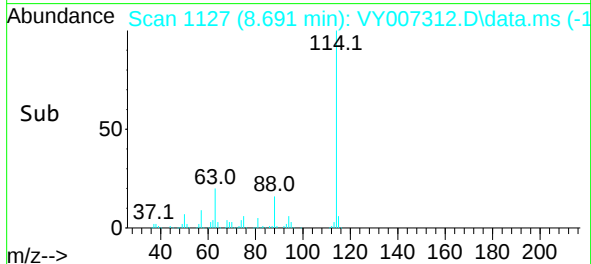
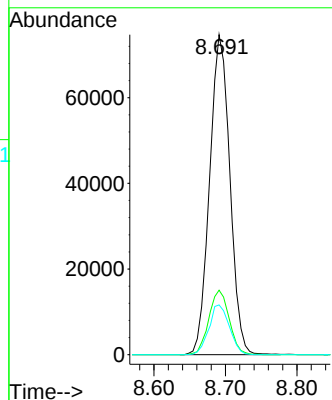
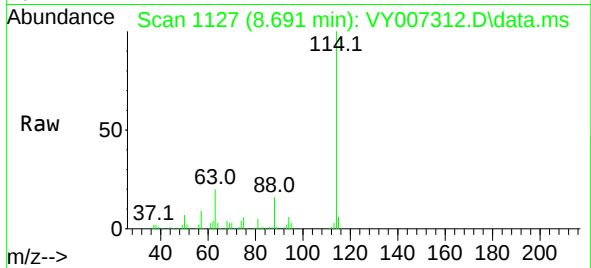




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

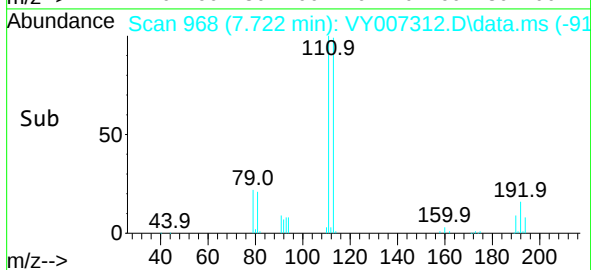
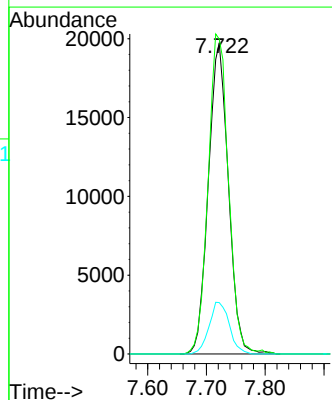
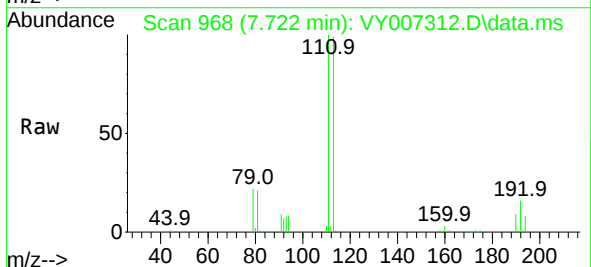
Instrument :
MSVOA_Y
ClientSampleId :
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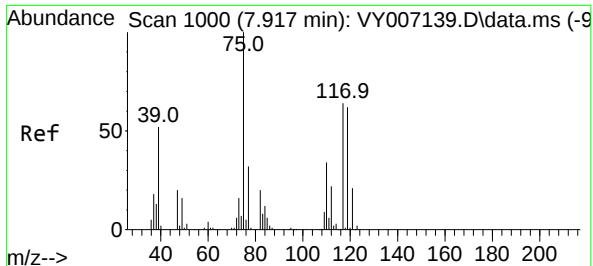
Tgt Ion:114 Resp: 147161
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 15.5 0.0 31.0



#35
Dibromofluoromethane
Concen: 46.923 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

Tgt Ion:113 Resp: 46692
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 16.8 14.2 21.4

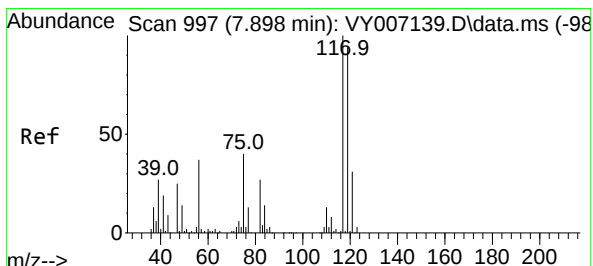
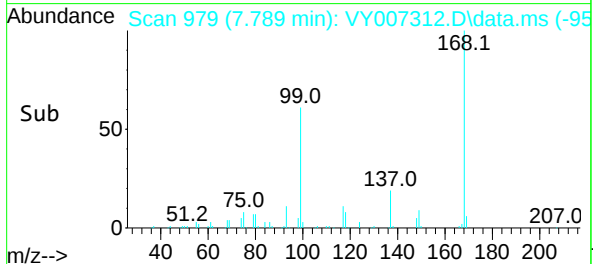
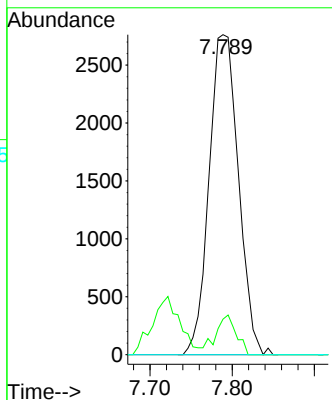
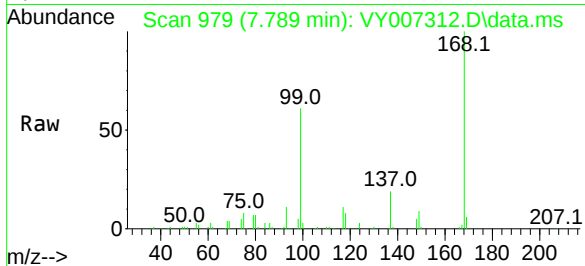




#36
 1,1-Dichloropropene
 Concen: 4.315 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY007312.D
 Acq: 26 Jan 2022 17:28

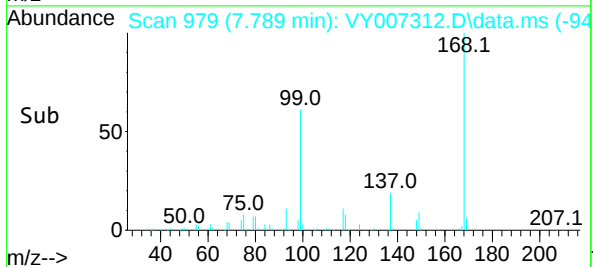
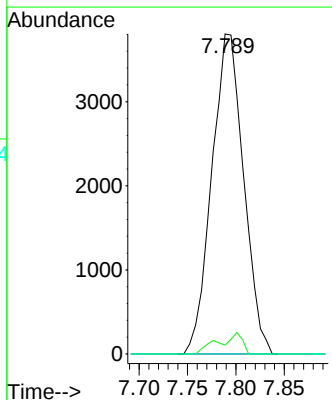
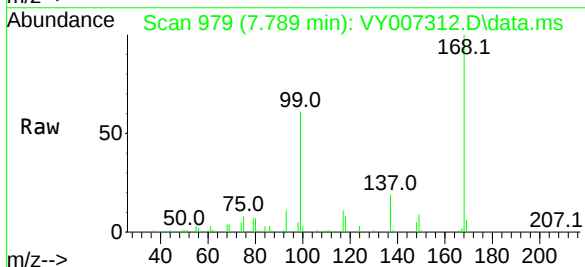
Instrument :
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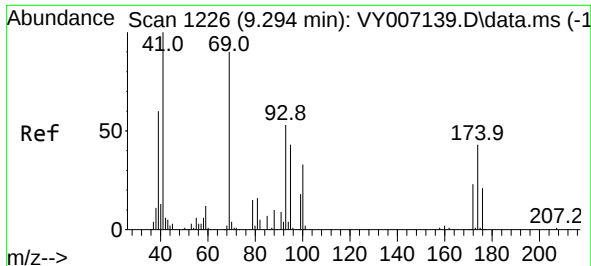
Tgt Ion: 75 Resp: 6858
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.3 51.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.212 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.109 min
 Lab File: VY007312.D
 Acq: 26 Jan 2022 17:28

Tgt Ion: 117 Resp: 8713
 Ion Ratio Lower Upper
 117 100
 119 2.7 77.2 115.8#
 121 0.0 24.2 36.2#

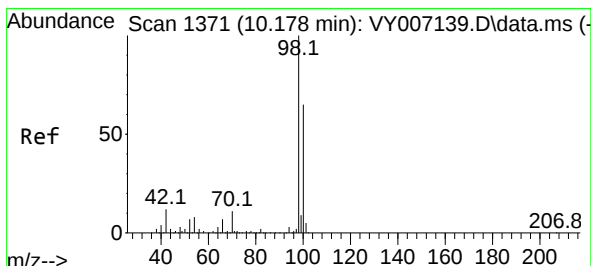
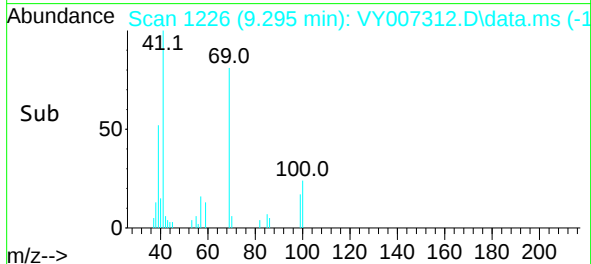
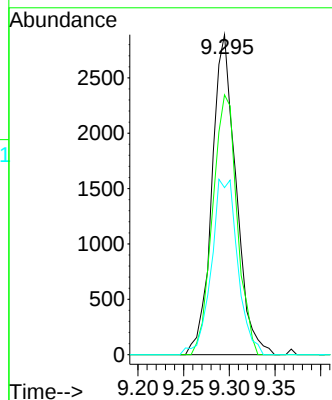
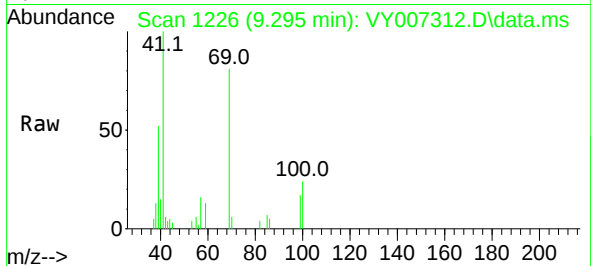




#48
Methyl methacrylate
Concen: 7.328 ug/l
RT: 9.295 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

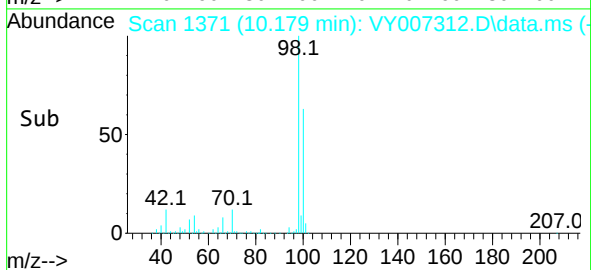
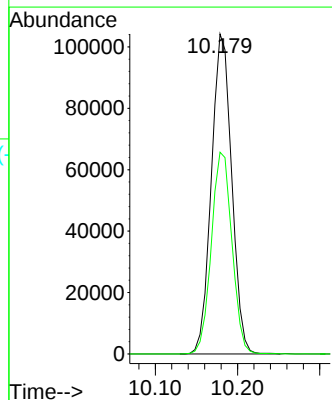
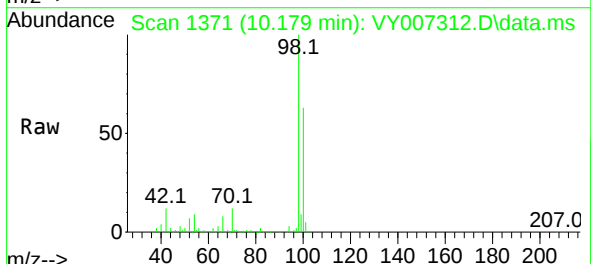
Instrument :
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ClientSampleId :
ART-ROOM-FLOORS

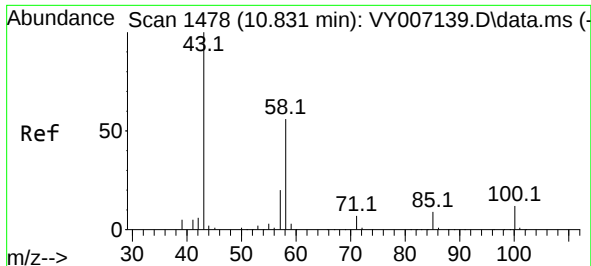
Tgt Ion: 41 Resp: 5290
Ion Ratio Lower Upper
41 100
69 82.5 70.5 105.7
39 59.8 43.8 65.8



#50
Toluene-d8
Concen: 49.082 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

Tgt Ion: 98 Resp: 178460
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2

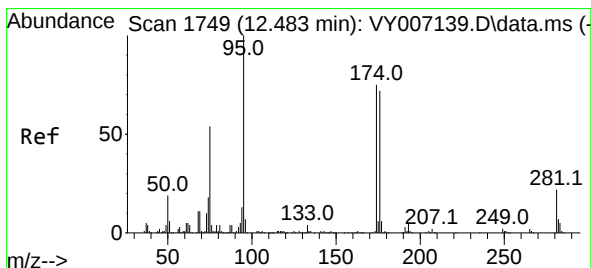
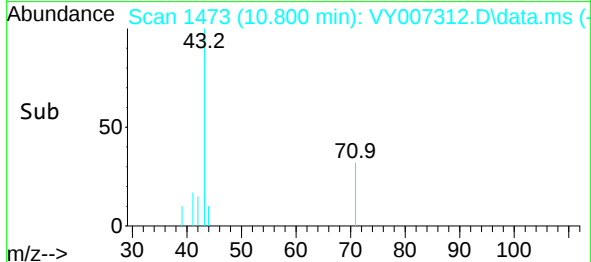
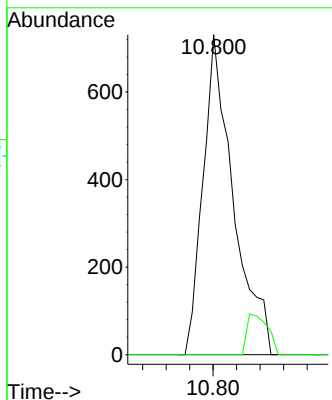
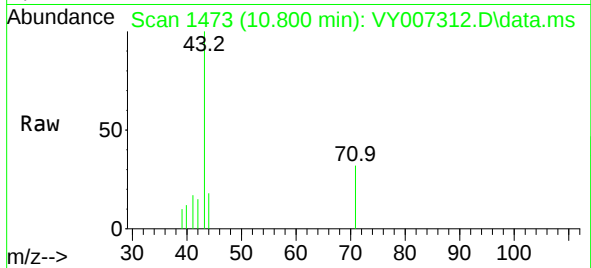




#59
2-Hexanone
Concen: 2.401 ug/l
RT: 10.800 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

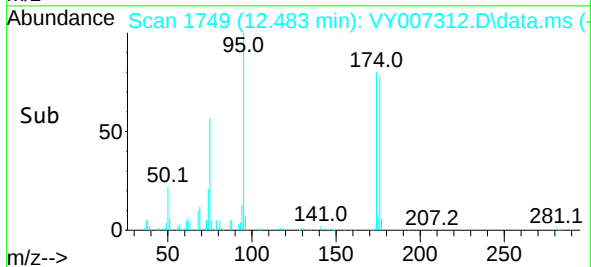
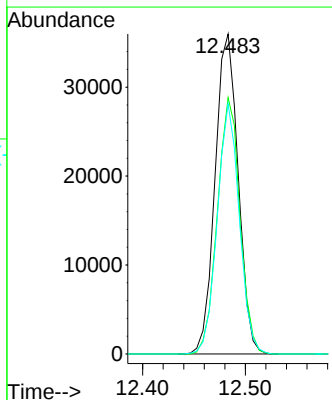
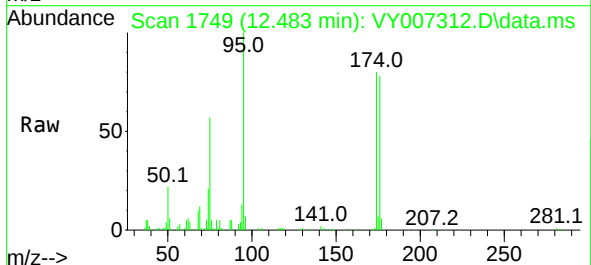
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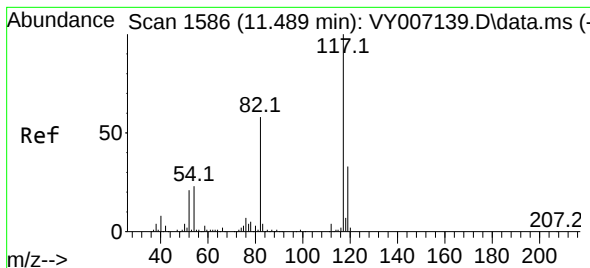
Tgt Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 43.271 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

Tgt Ion: 95 Resp: 55965
Ion Ratio Lower Upper
95 100
174 78.3 0.0 148.4
176 74.5 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007312.D

Acq: 26 Jan 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

ART-ROOM-FLOORS

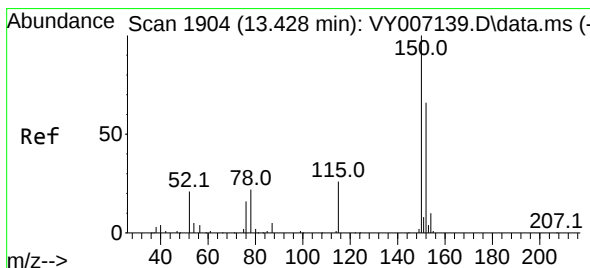
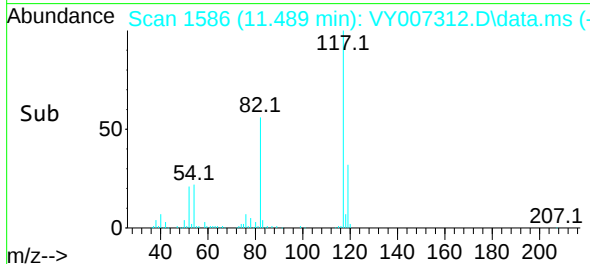
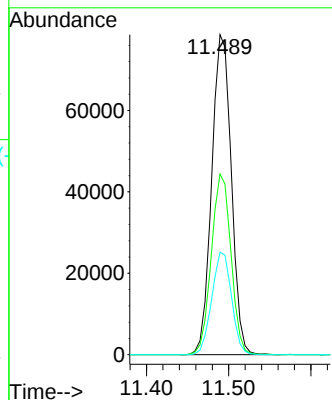
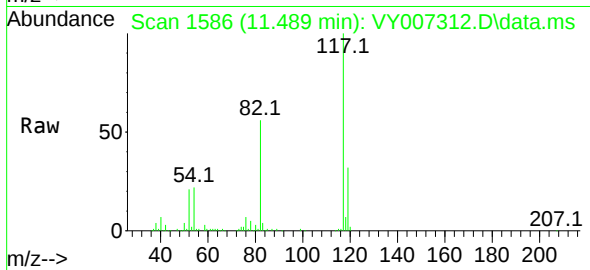
Tgt Ion:117 Resp: 130235

Ion Ratio Lower Upper

117 100

82 56.5 45.4 68.0

119 32.1 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: VY007312.D

Acq: 26 Jan 2022 17:28

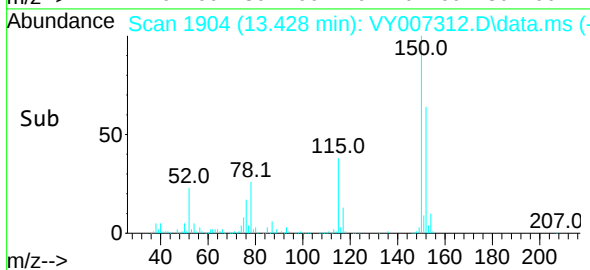
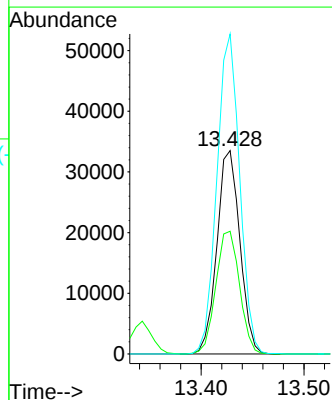
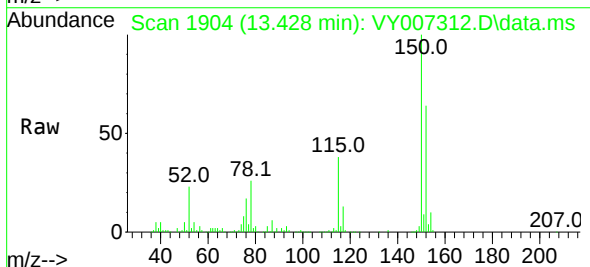
Tgt Ion:152 Resp: 51895

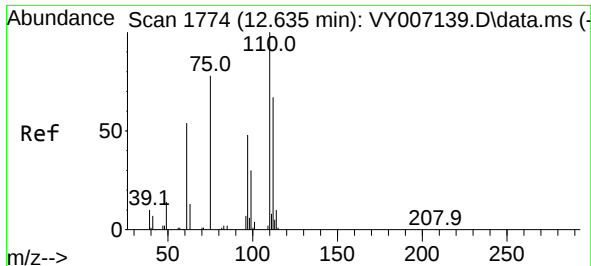
Ion Ratio Lower Upper

152 100

115 62.4 31.4 94.0

150 156.2 0.0 348.4

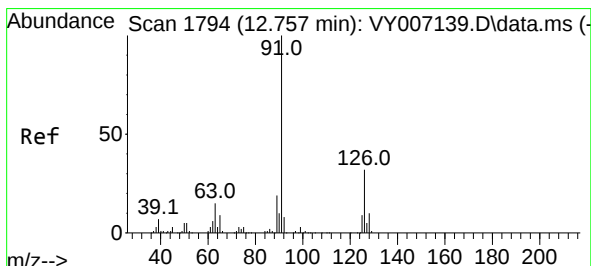
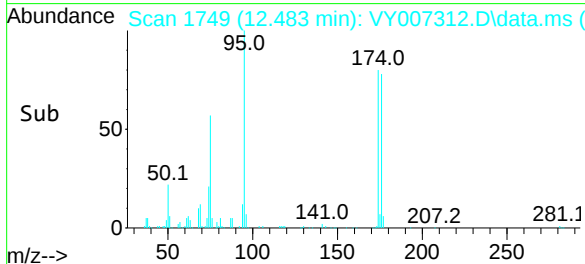
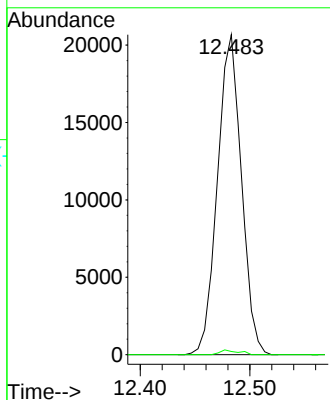
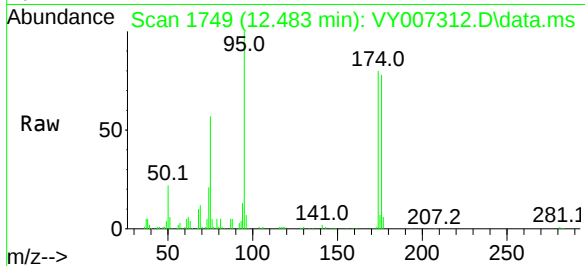




#76
1,2,3-Trichloropropane
Concen: 53.039 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.152 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

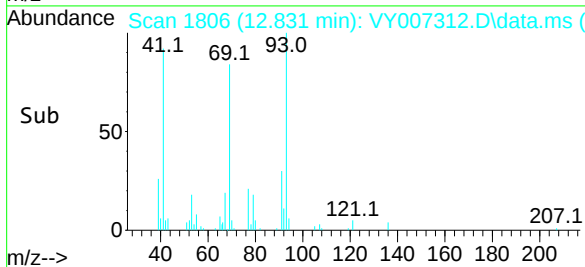
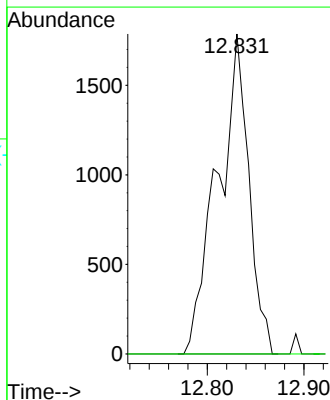
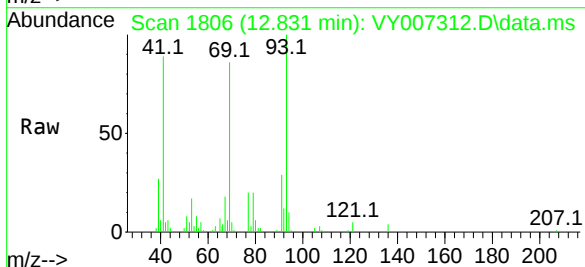
Instrument :
MSVOA_Y
ClientSampleId :
ART-ROOM-FLOORS

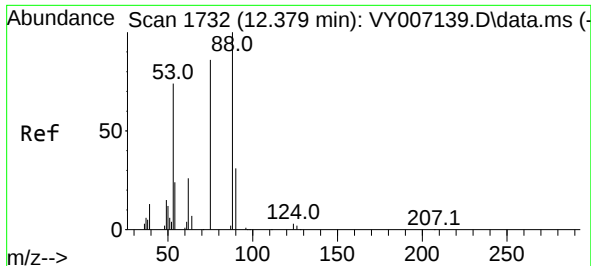
Tgt Ion: 75 Resp: 31385
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#79
2-Chlorotoluene
Concen: 1.298 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.073 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

Tgt Ion: 91 Resp: 4011
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#

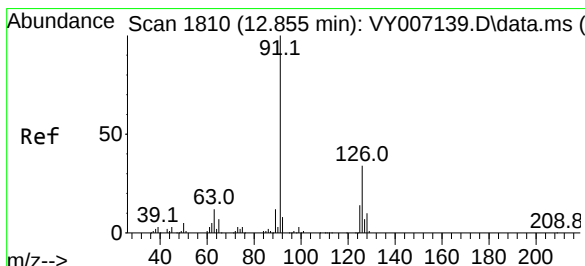
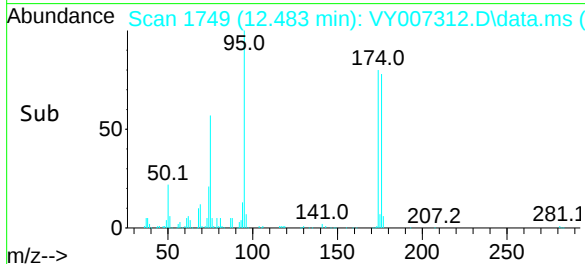
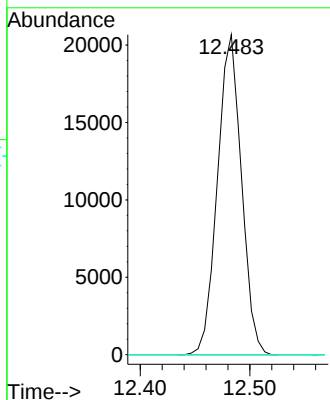
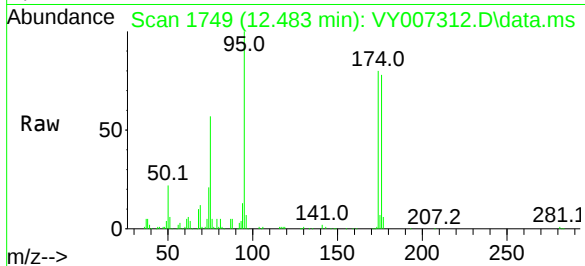




#81
trans-1,4-Dichloro-2-butene
Concen: 97.099 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

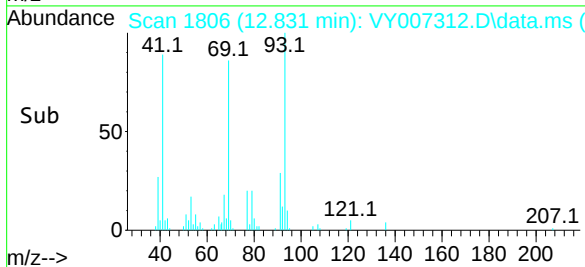
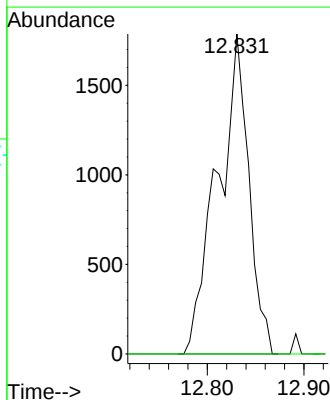
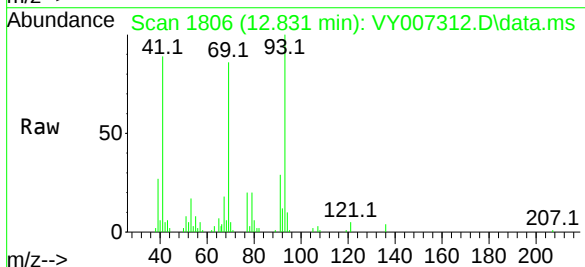
Instrument :
MSVOA_Y
ClientSampleId :
ART-ROOM-FLOORS

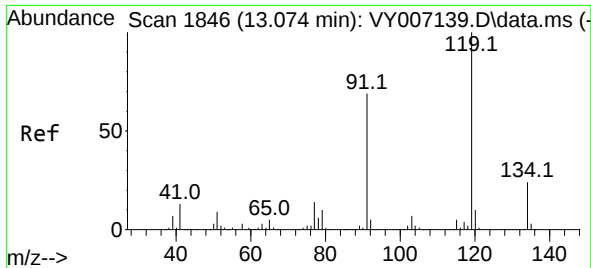
Tgt Ion: 75 Resp: 31385
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 1.245 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. -0.024 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

Tgt Ion: 91 Resp: 4011
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.9#

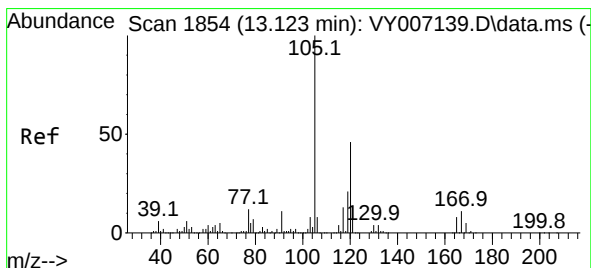
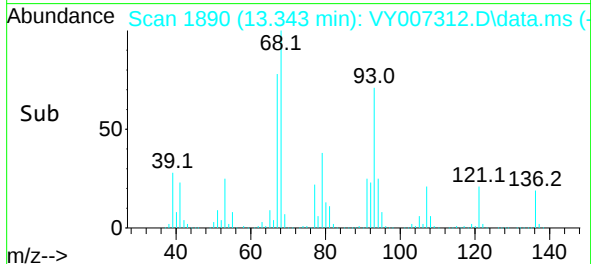
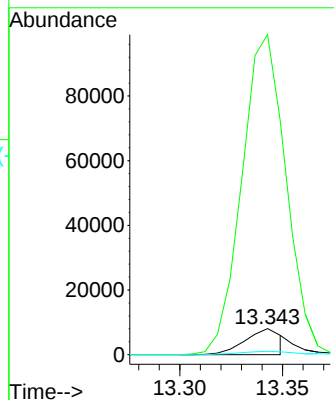
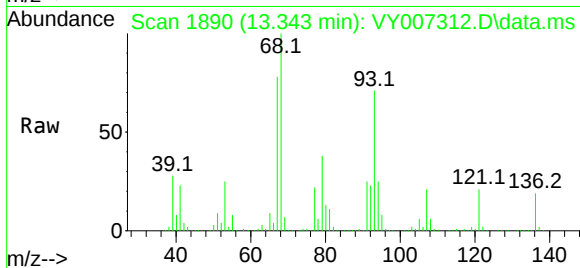




#83
tert-Butylbenzene
Concen: 3.054 ug/l
RT: 13.343 min Scan# 1890
Delta R.T. 0.269 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

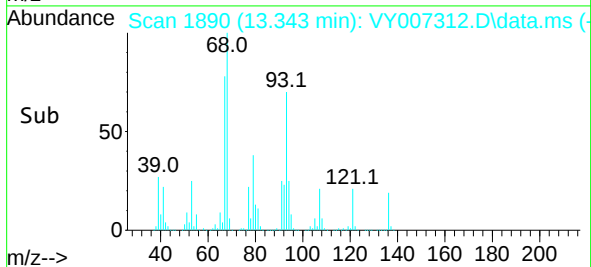
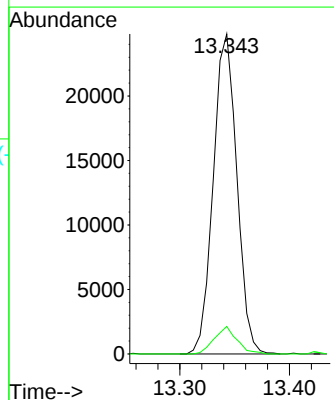
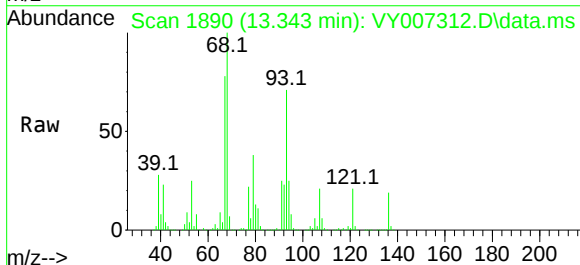
Instrument :
MSVOA_Y
ClientSampleId :
ART-ROOM-FLOORS

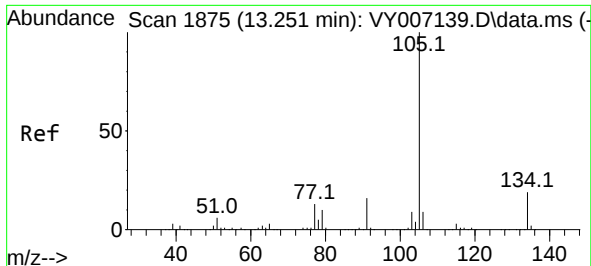
Tgt Ion:119 Resp: 9712
Ion Ratio Lower Upper
119 100
91 1323.9 33.1 99.5#
134 15.2 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 10.165 ug/l
RT: 13.343 min Scan# 1890
Delta R.T. 0.220 min
Lab File: VY007312.D
Acq: 26 Jan 2022 17:28

Tgt Ion:105 Resp: 37080
Ion Ratio Lower Upper
105 100
120 8.2 21.6 64.6#

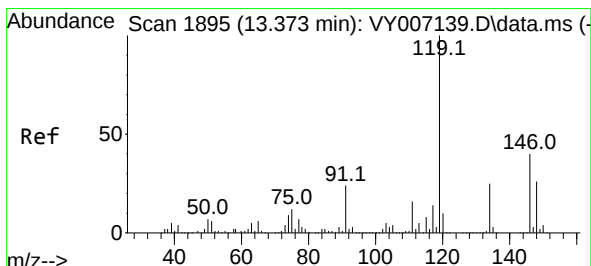
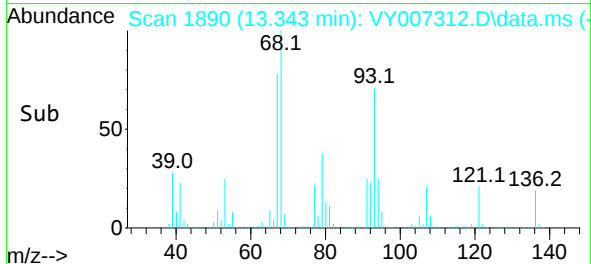
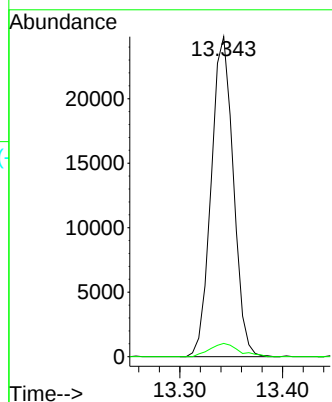
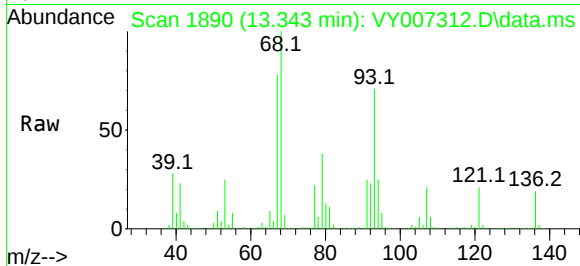




#85
 sec-Butylbenzene
 Concen: 7.794 ug/l
 RT: 13.343 min Scan# 1890
 Delta R.T. 0.092 min
 Lab File: VY007312.D
 Acq: 26 Jan 2022 17:28

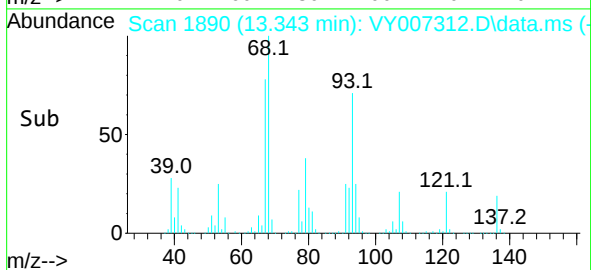
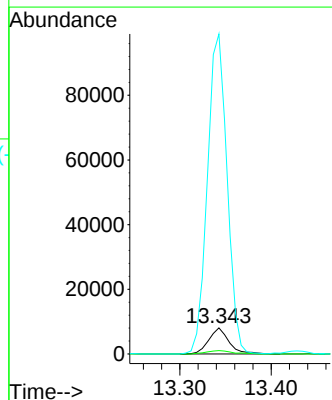
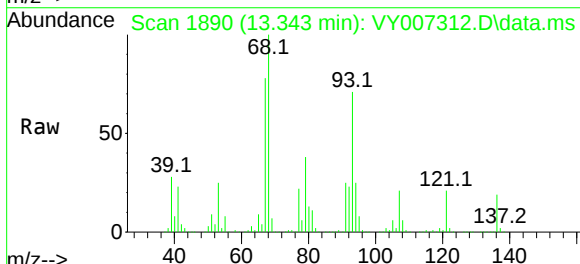
Instrument :
 MSVOA_Y
 ClientSampleId :
 ART-ROOM-FLOORS

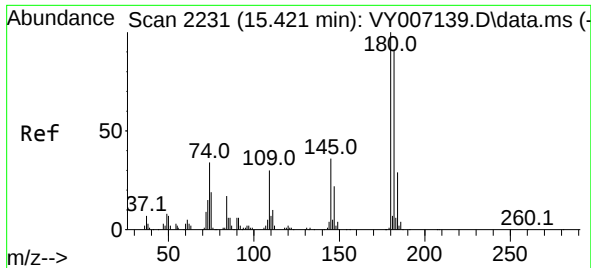
Tgt Ion:105 Resp: 37081
 Ion Ratio Lower Upper
 105 100
 134 5.4 9.9 29.7#



#86
 p-Isopropyltoluene
 Concen: 3.151 ug/l
 RT: 13.343 min Scan# 1890
 Delta R.T. -0.030 min
 Lab File: VY007312.D
 Acq: 26 Jan 2022 17:28

Tgt Ion:119 Resp: 12320
 Ion Ratio Lower Upper
 119 100
 134 16.4 12.9 38.7
 91 1202.0 12.4 37.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.710 ug/l
 RT: 15.397 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: VY007312.D
 Acq: 26 Jan 2022 17:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 ART-ROOM-FLOORS

Tgt Ion:180 Resp: 1507
 Ion Ratio Lower Upper
 180 100
 182 20.7 47.3 141.8#
 145 0.0 17.2 51.5#

