

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
 Data File : VY007148.D
 Acq On : 13 Jan 2022 18:19
 Operator : SY/MD
 Sample : N1119-02
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NORTH-EAST-CORNER-EXCAVATION-SOUTH-SIDEWALL

Quant Time: Jan 14 05:54:17 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)

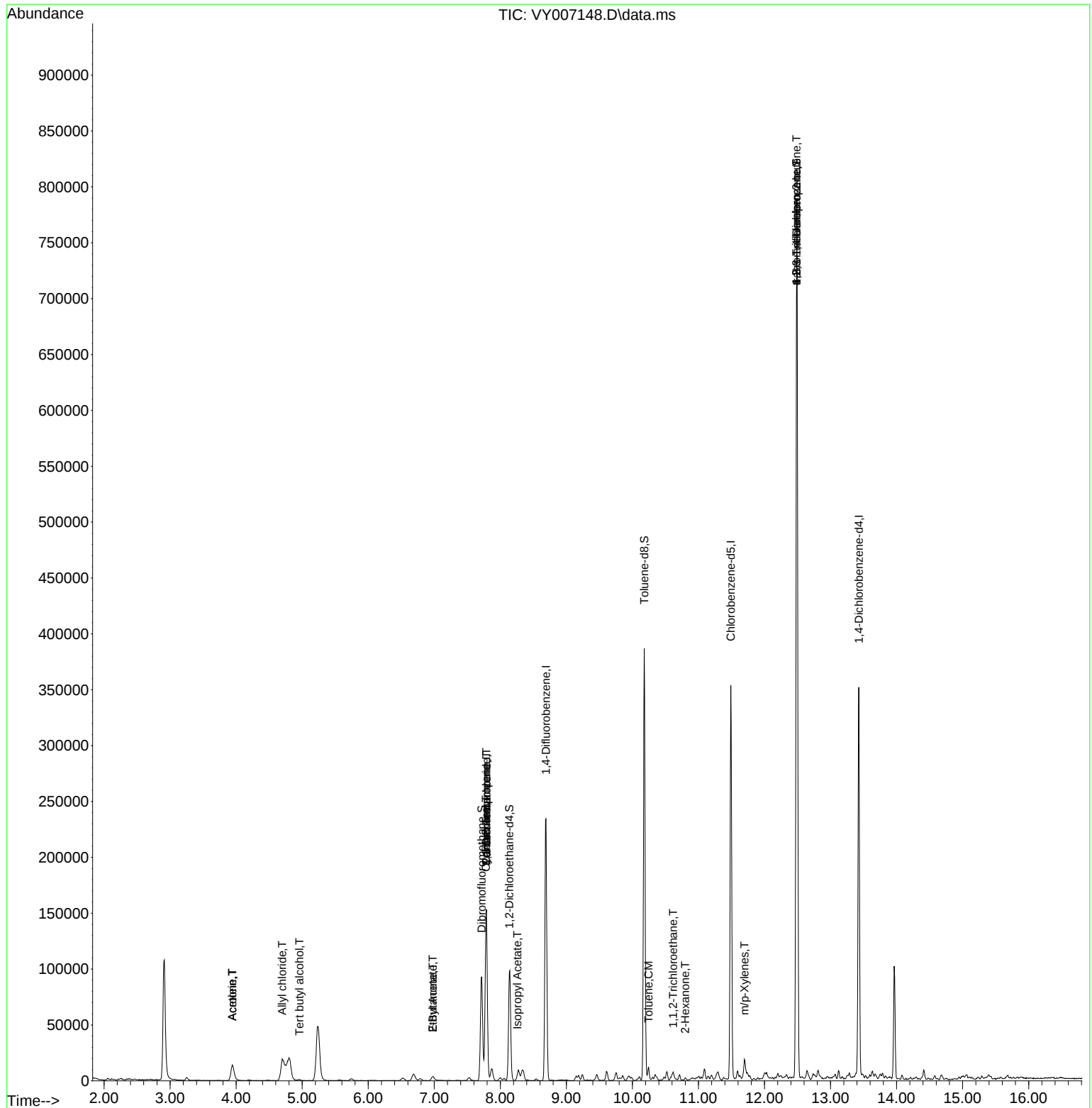
Internal Standards						
1) Pentafluorobenzene	7.789	168	112500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80437	58.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.540%	
35) Dibromofluoromethane	7.715	113	66844	49.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.800%	
50) Toluene-d8	10.178	98	242054	48.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	12.483	95	90423	51.417	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	1684	9.681	ug/l #	73
13) Acrolein	3.942	56	2909	92.629	ug/l #	59
14) Allyl chloride	4.698	41	8028	3.933	ug/l #	61
16) Acetone	3.942	43	12363	34.510	ug/l #	68
25) 2-Butanone	6.978	43	1365	2.947	ug/l #	83
31) Cyclohexane	7.782	56	2993	1.283	ug/l #	17
36) 1,1-Dichloropropene	7.789	75	9520	4.405	ug/l #	49
37) Ethyl Acetate	6.978	43	1365	1.231	ug/l #	81
38) Carbon Tetrachloride	7.789	117	12130	5.337	ug/l #	16
43) Isopropyl Acetate	8.258	43	2285	1.059	ug/l #	51
52) Toluene	10.245	92	4494	1.230	ug/l	99
55) 1,1,2-Trichloroethane	10.617	97	2188	1.861	ug/l #	19
59) 2-Hexanone	10.800	43	1289	1.736	ug/l #	23
68) m/p-Xylenes	11.696	106	4748	1.678	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	53837	56.985	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53837	104.324	ug/l #	4

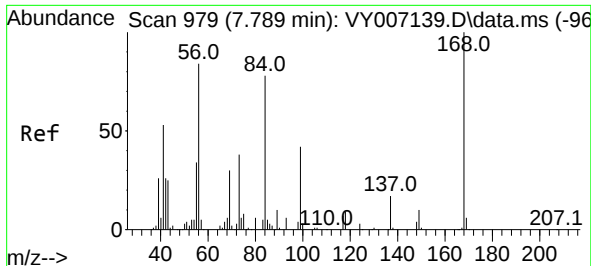
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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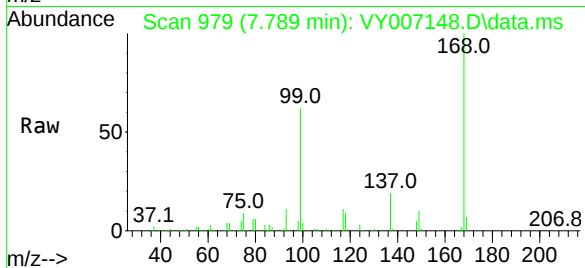
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

Instrument :

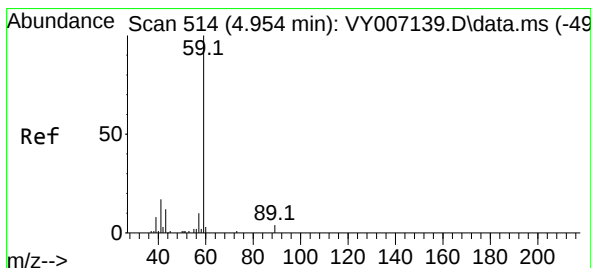
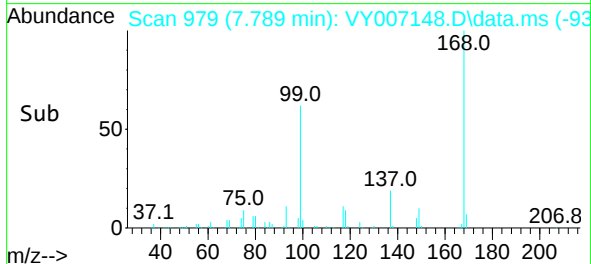
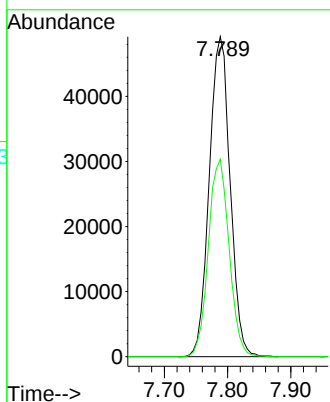
MSVOA_Y

ClientSampleId :

NORTH-EAST-CORNER-EXCAVATION-SOUTH-SIDEWALL

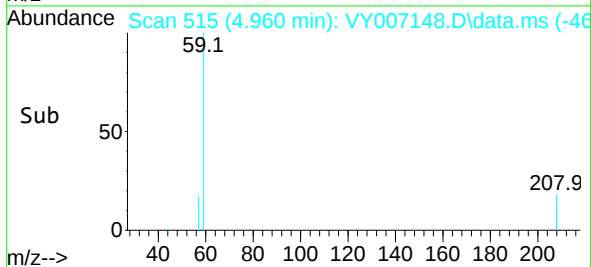
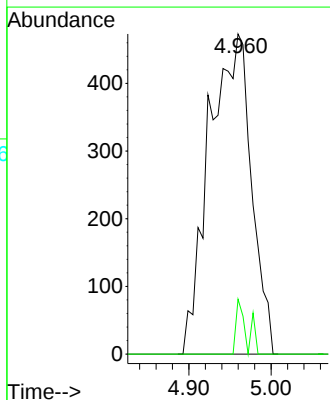
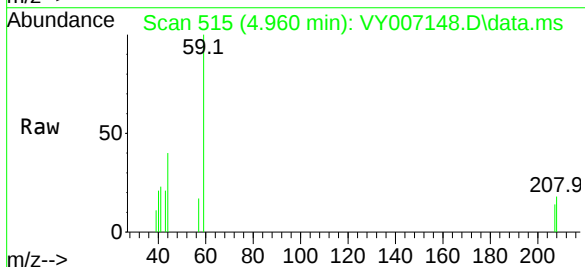


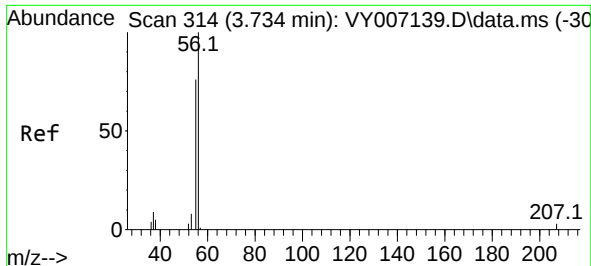
Tgt Ion:168 Resp: 112500
Ion Ratio Lower Upper
168 100
99 61.7 49.1 73.7



#11
Tert butyl alcohol
Concen: 9.681 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

Tgt Ion: 59 Resp: 1684
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

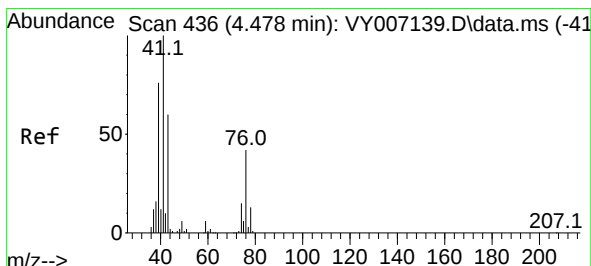
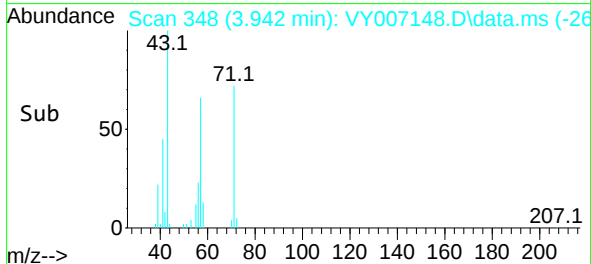
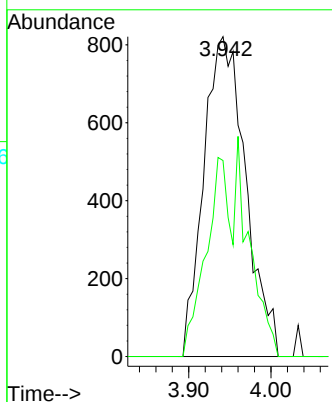
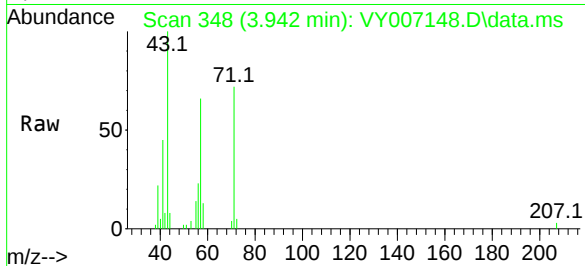




#13
Acrolein
Concen: 92.629 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.208 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

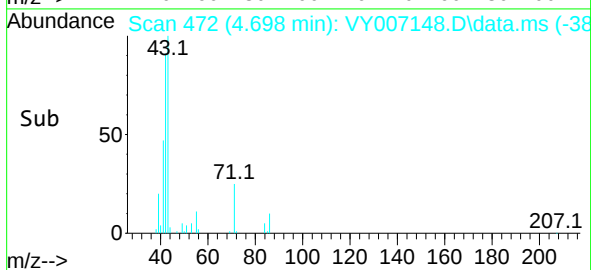
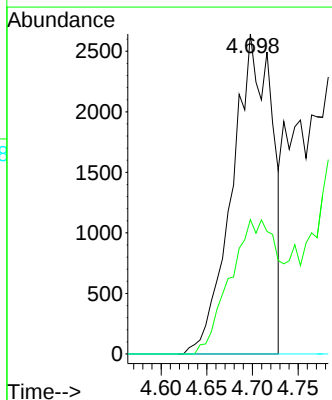
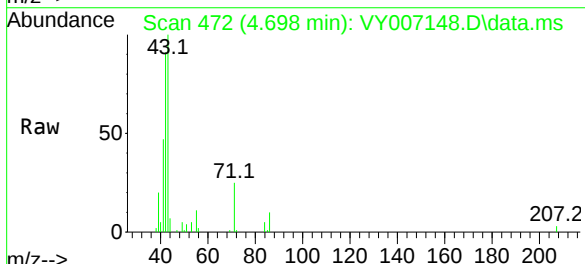
Instrument :
MSVOA_Y
ClientSampleId :
NORTH-EAST-CORNER-EXCAVATION-SOUTH-SIDEWALL

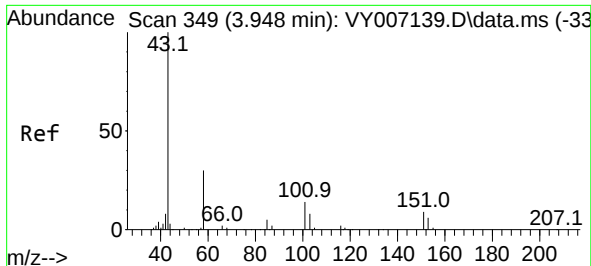
Tgt Ion: 56 Resp: 2909
Ion Ratio Lower Upper
56 100
55 36.3 55.7 83.5#



#14
Allyl chloride
Concen: 3.933 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.219 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

Tgt Ion: 41 Resp: 8028
Ion Ratio Lower Upper
41 100
39 50.2 56.1 84.1#
76 0.0 31.4 47.2#

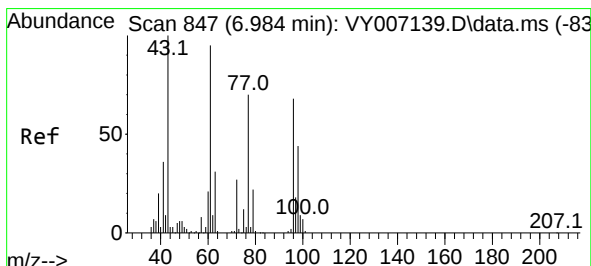
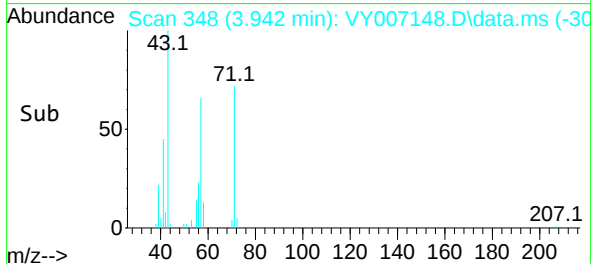
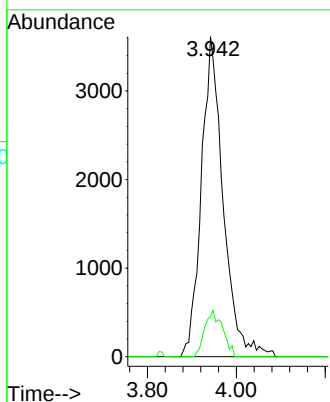
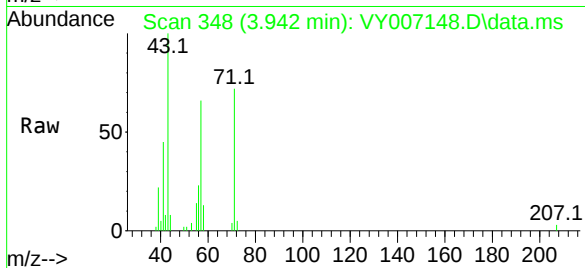




#16
Acetone
Concen: 34.510 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

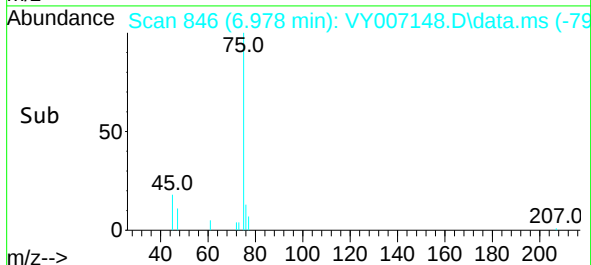
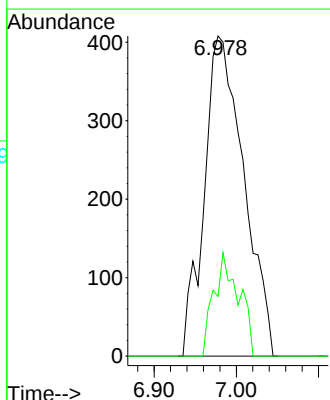
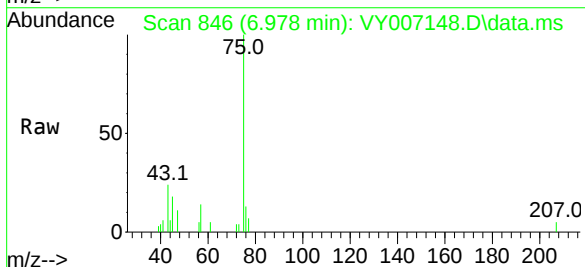
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-SOUTH-SIDEWALL

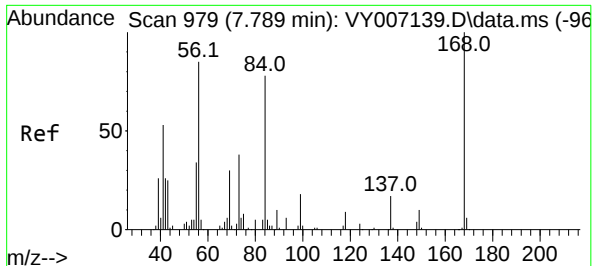
Tgt Ion: 43 Resp: 12363
Ion Ratio Lower Upper
43 100
58 12.5 23.8 35.6#



#25
2-Butanone
Concen: 2.947 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

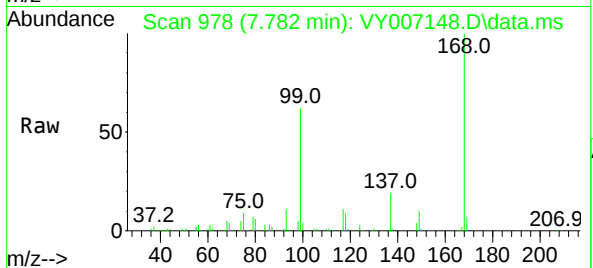
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
72 18.6 21.9 32.9#



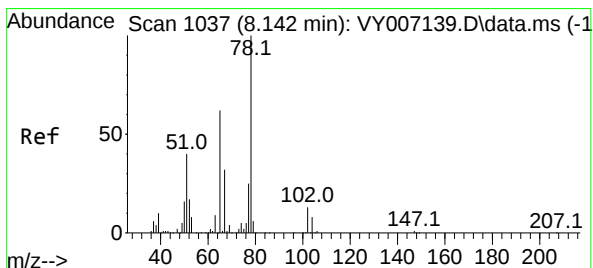
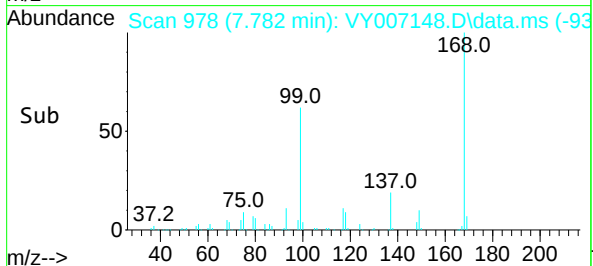
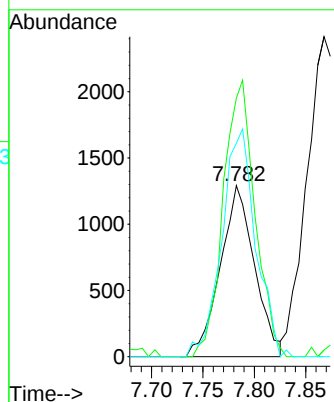


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
NORTH-EAST-CORNER-EXCAVATION-SOUTH-SIDEWALL

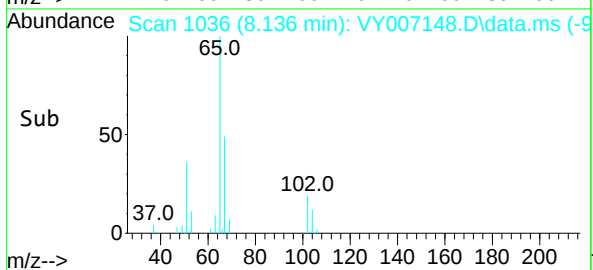
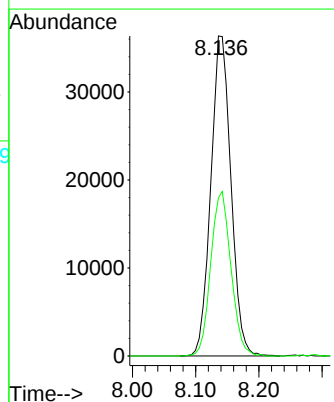
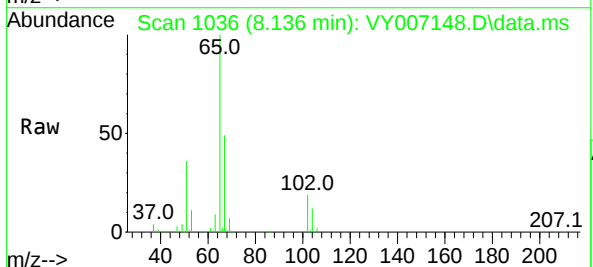


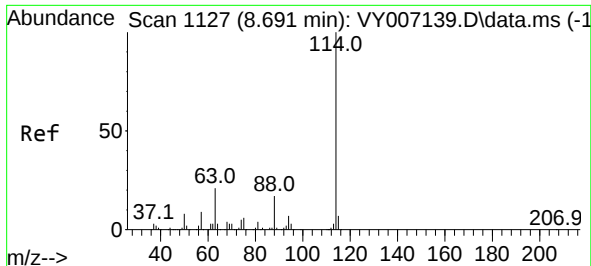
Tgt Ion: 56 Resp: 2993
Ion Ratio Lower Upper
56 100
69 151.1 27.2 40.8#
84 124.8 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 58.271 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

Tgt Ion: 65 Resp: 80437
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.6

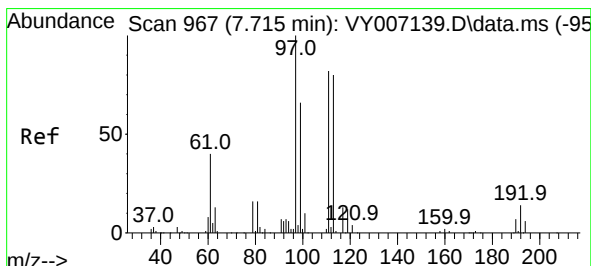
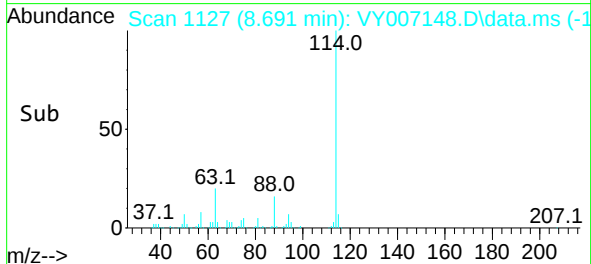
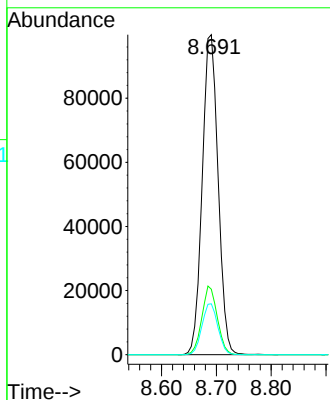
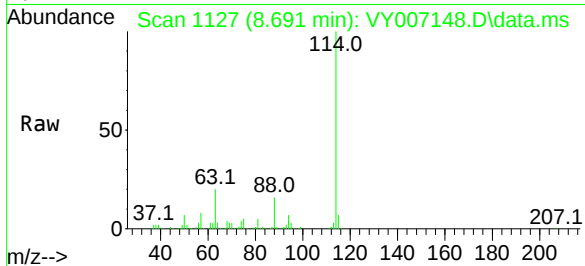




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

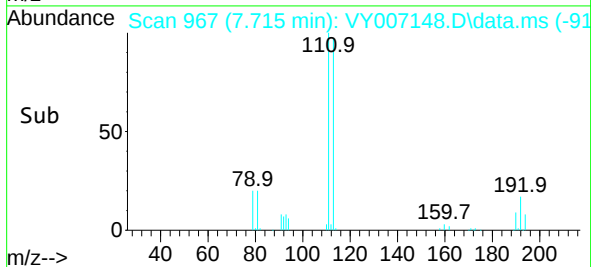
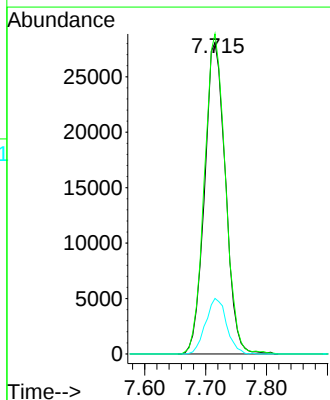
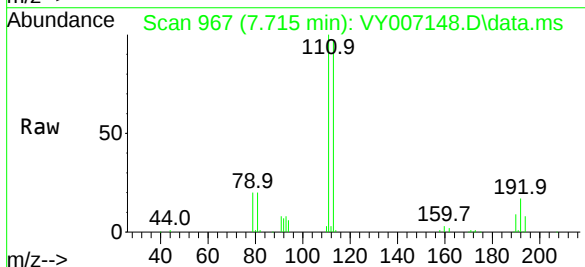
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-SOUTH-SIDEWALL

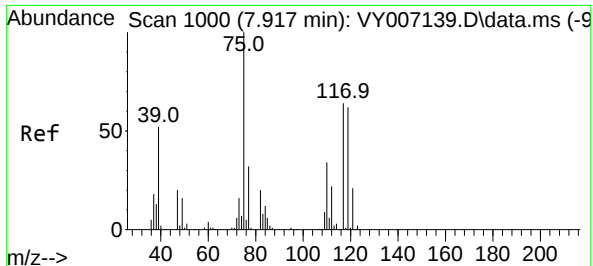
Tgt Ion:114 Resp: 200099
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.9 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.403 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

Tgt Ion:113 Resp: 66844
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.9 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.405 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007148.D

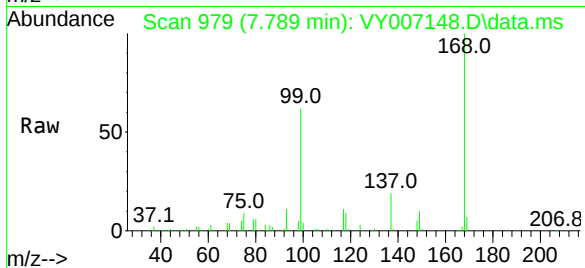
Acq: 13 Jan 2022 18:19

Instrument :

MSVOA_Y

ClientSampleId :

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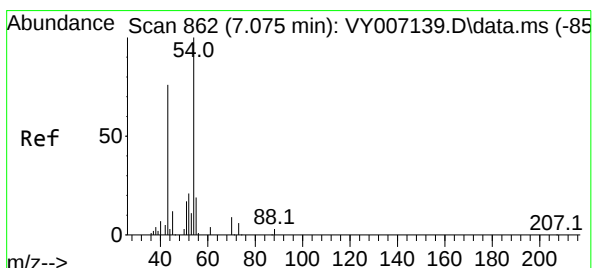
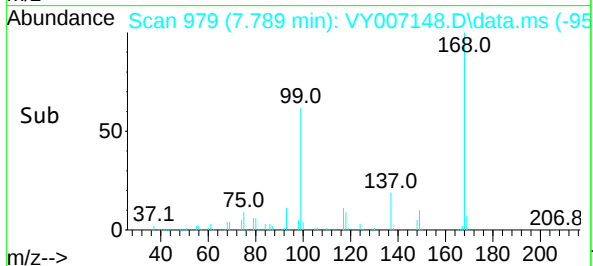
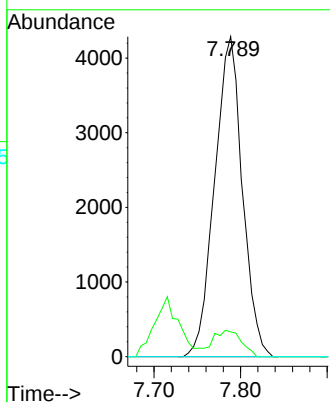
Tgt Ion: 75 Resp: 9520

Ion Ratio Lower Upper

75 100

110 8.2 17.3 51.9#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.231 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.098 min

Lab File: VY007148.D

Acq: 13 Jan 2022 18:19

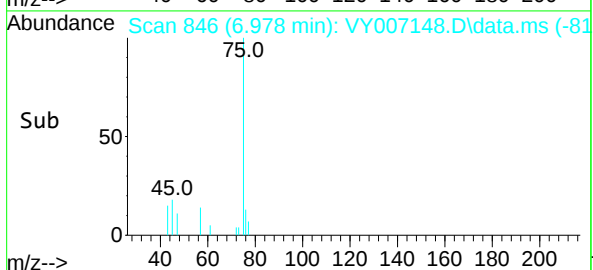
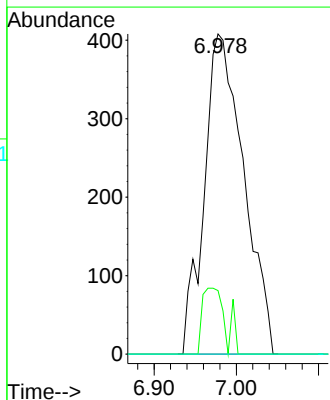
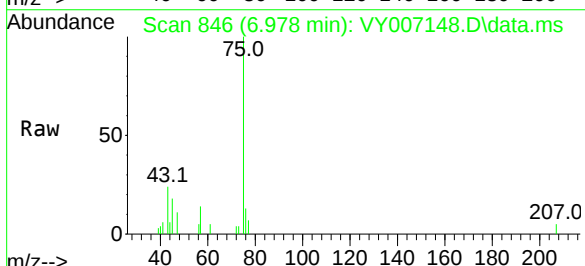
Tgt Ion: 43 Resp: 1365

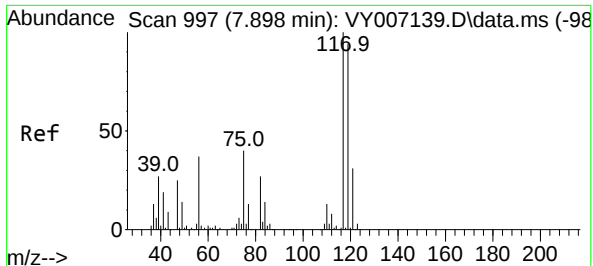
Ion Ratio Lower Upper

43 100

61 10.2 11.8 17.8#

70 0.0 9.0 13.4#

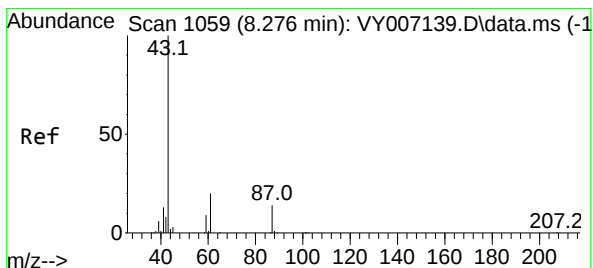
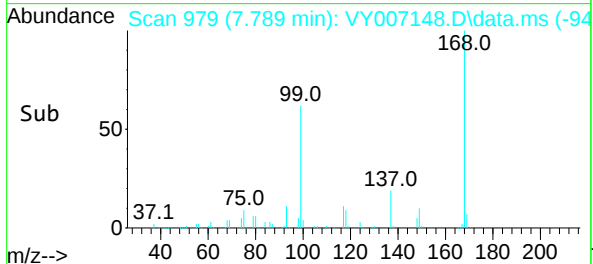
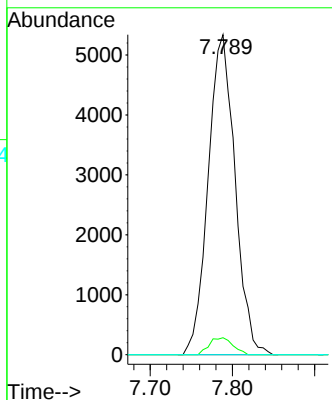
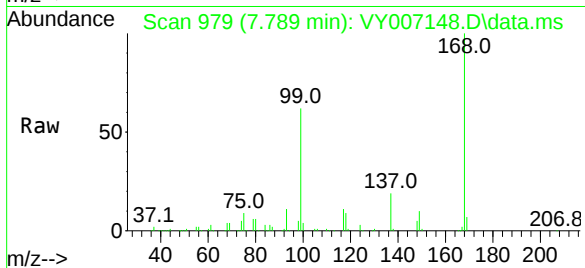




#38
Carbon Tetrachloride
Concen: 5.337 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

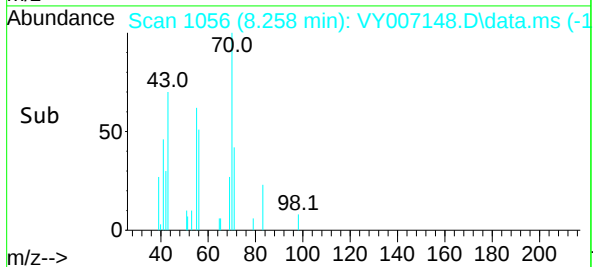
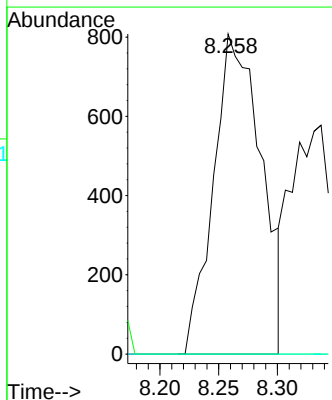
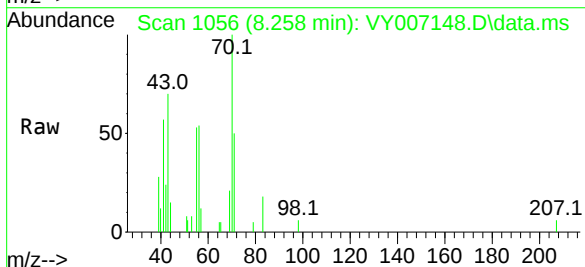
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-SOUTH-SIDEWALL

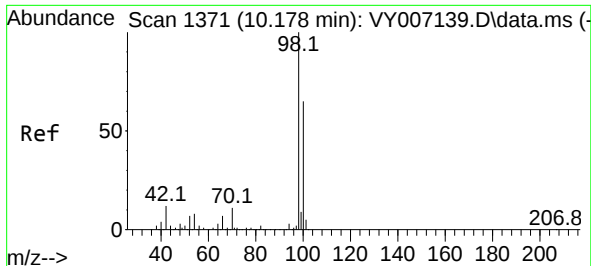
Tgt Ion:117 Resp: 12130
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 1.059 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.018 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
61 0.0 23.8 35.8#
87 0.0 11.6 17.4#

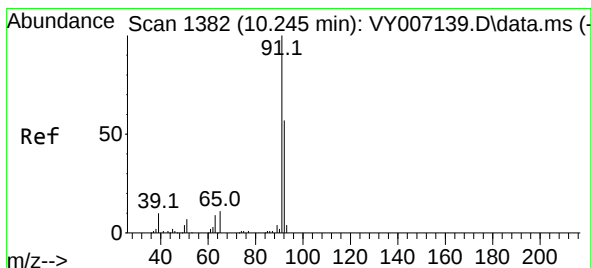
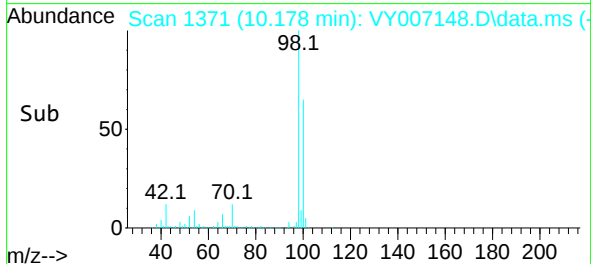
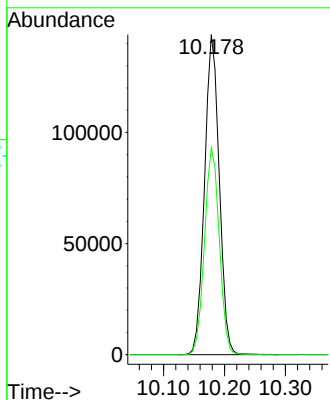
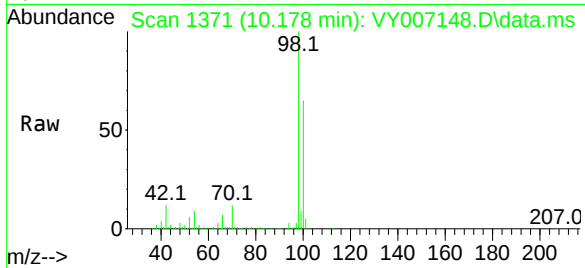




#50
Toluene-d8
Concen: 48.960 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

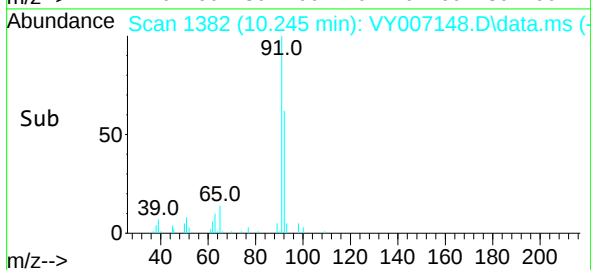
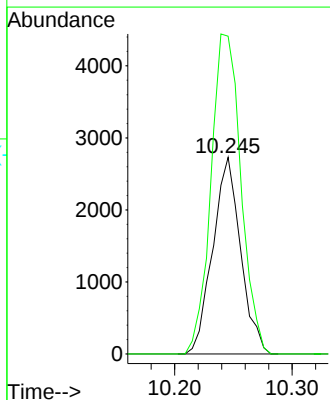
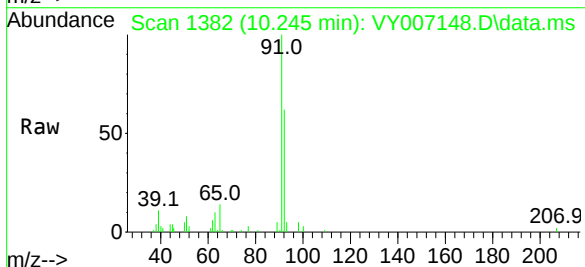
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-SOUTH-SIDEWALL

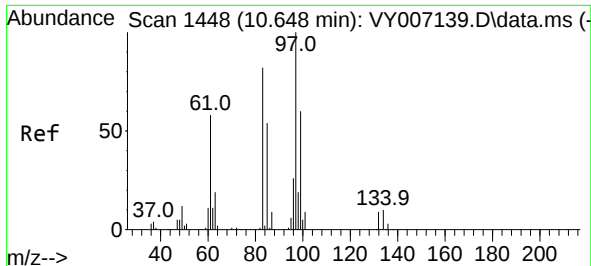
Tgt Ion: 98 Resp: 242054
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#52
Toluene
Concen: 1.230 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

Tgt Ion: 92 Resp: 4494
Ion Ratio Lower Upper
92 100
91 175.1 138.6 207.8

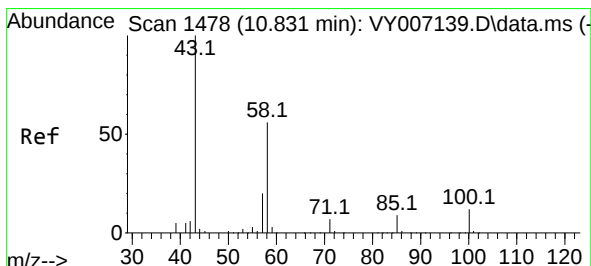
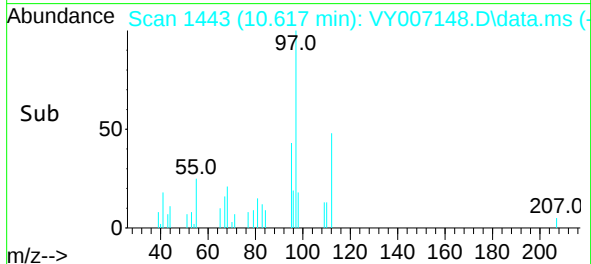
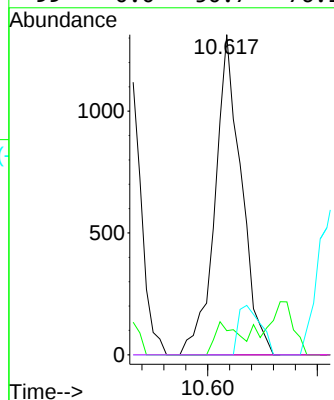
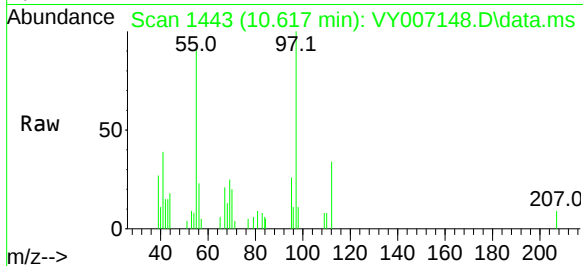




#55
 1,1,2-Trichloroethane
 Concen: 1.861 ug/l
 RT: 10.617 min Scan# 1443
 Delta R.T. -0.030 min
 Lab File: VY007148.D
 Acq: 13 Jan 2022 18:19

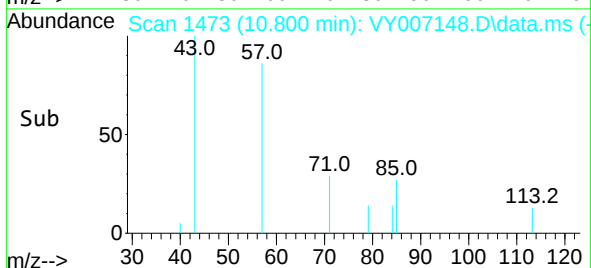
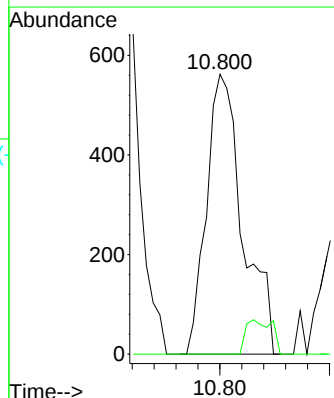
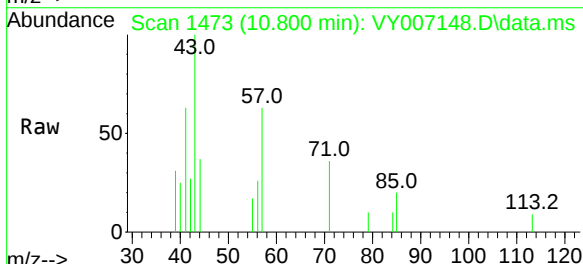
Instrument : MSVOA_Y
 ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-SOUTH-SIDEWALL

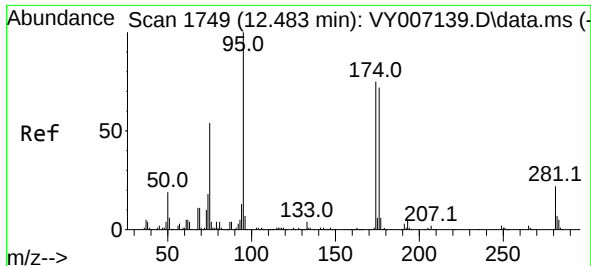
Tgt Ion: 97	Resp: 2188
Ion Ratio	Lower Upper
97 100	
83 7.5	67.0 100.4#
85 0.0	41.2 61.8#
99 0.0	50.7 76.1#



#59
 2-Hexanone
 Concen: 1.736 ug/l
 RT: 10.800 min Scan# 1473
 Delta R.T. -0.031 min
 Lab File: VY007148.D
 Acq: 13 Jan 2022 18:19

Tgt Ion: 43	Resp: 1289		
Ion Ratio	Lower	Upper	
43 100			
58 0.0	28.4	85.3#	

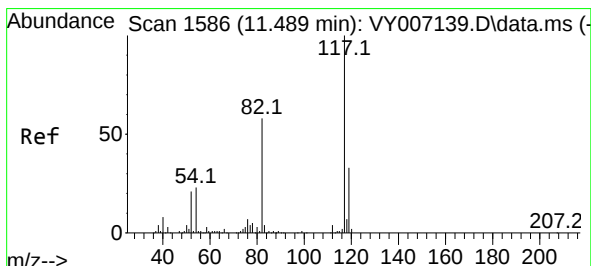
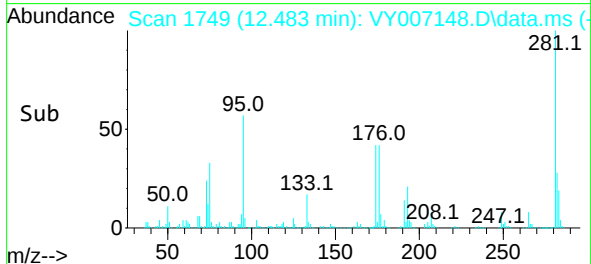
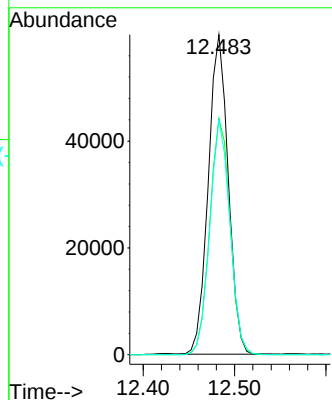
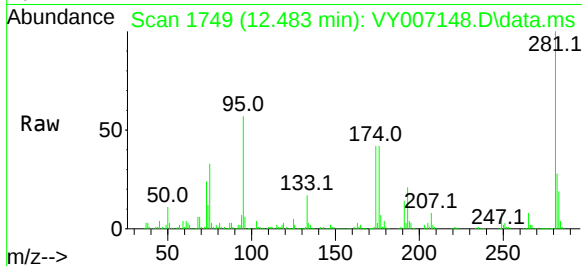




#62
4-Bromofluorobenzene
Concen: 51.417 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

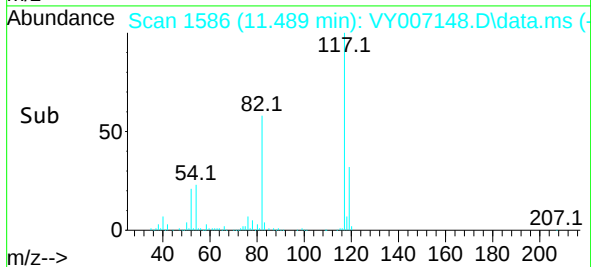
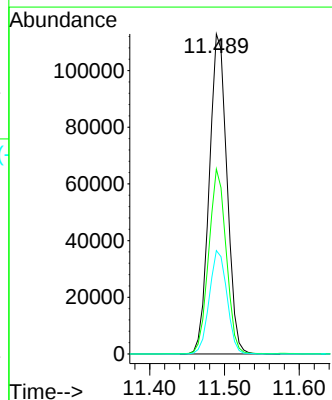
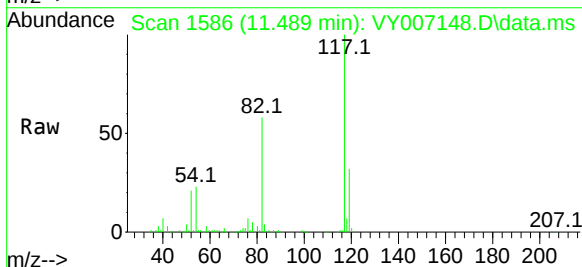
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-SOUTH-SIDEWALL

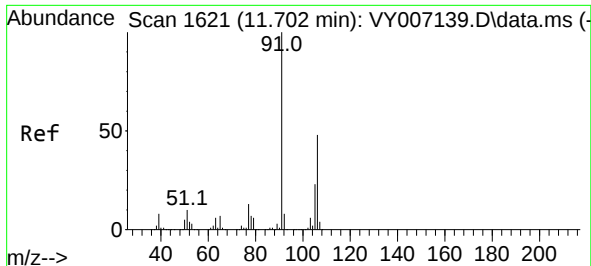
Tgt Ion: 95 Resp: 90423
Ion Ratio Lower Upper
95 100
174 75.4 0.0 148.4
176 74.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

Tgt Ion: 117 Resp: 185274
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.0
119 32.3 26.4 39.6

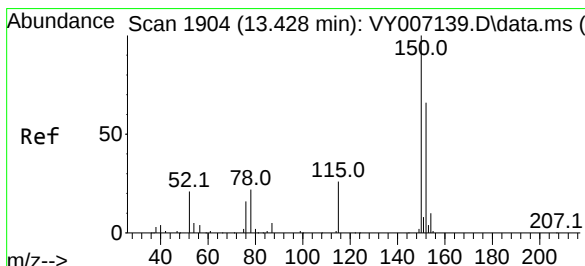
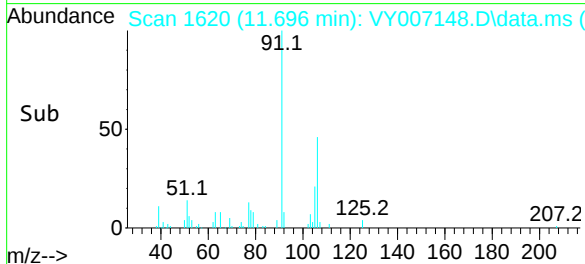
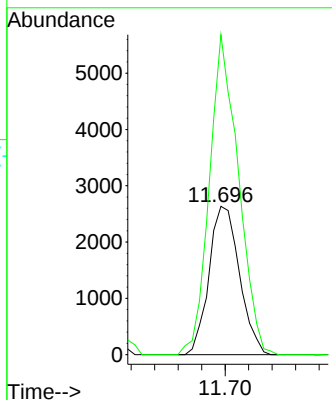
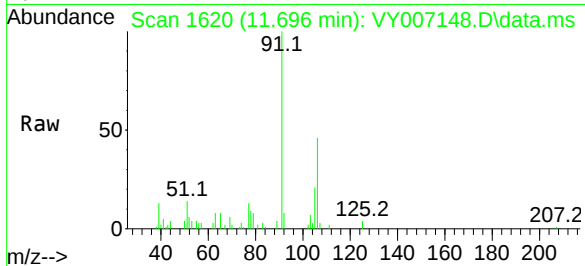




#68
m/p-Xylenes
Concen: 1.678 ug/l
RT: 11.696 min Scan# 11696
Delta R.T. -0.006 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

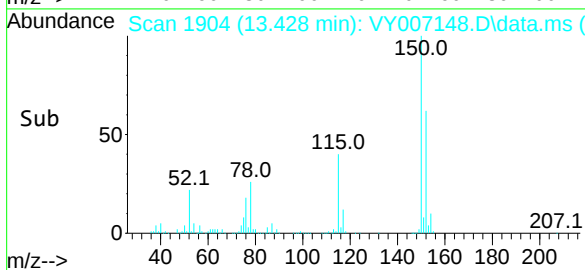
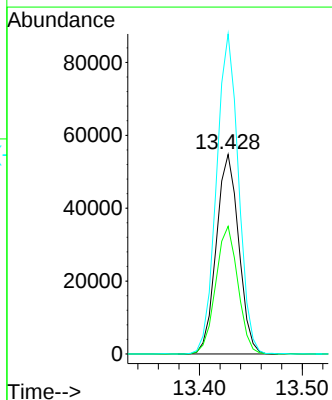
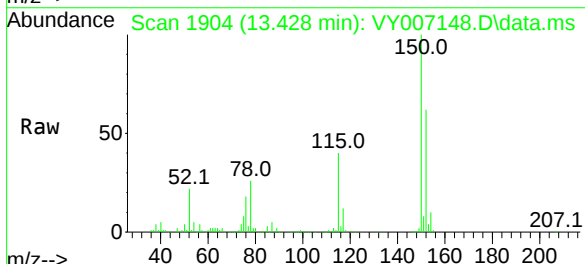
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-SOUTH-SIDEWALL

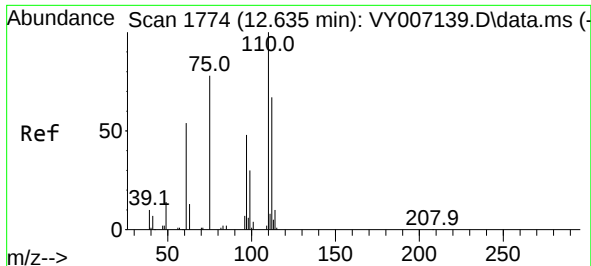
Tgt Ion:106 Resp: 4748
Ion Ratio Lower Upper
106 100
91 205.6 167.1 250.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007148.D
Acq: 13 Jan 2022 18:19

Tgt Ion:152 Resp: 82854
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.0
150 157.4 0.0 348.4

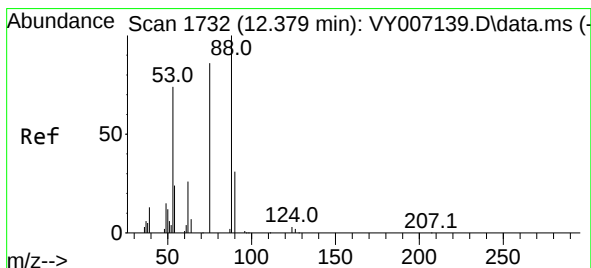
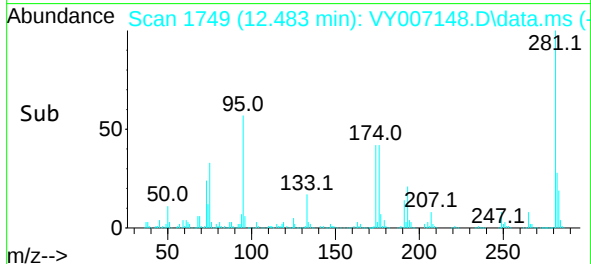
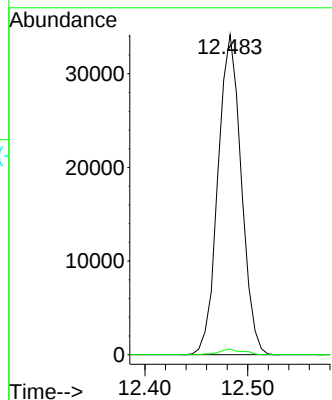
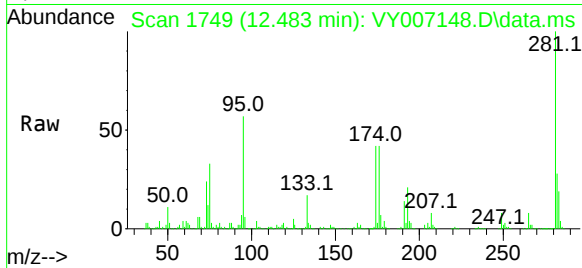




#76
 1,2,3-Trichloropropane
 Concen: 56.985 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007148.D
 Acq: 13 Jan 2022 18:19

Instrument : MSVOA_Y
 ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-SOUTH-SIDEWALL

Tgt Ion: 75 Resp: 53837
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.324 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY007148.D
 Acq: 13 Jan 2022 18:19

Tgt Ion: 75 Resp: 53837
 Ion Ratio Lower Upper
 75 100
 53 0.3 73.9 110.9#
 89 4.0 0.0 0.0#

