

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060421\
 Data File : VN067212.D
 Acq On : 4 Jun 2021 22:00
 Operator : JC/MD
 Sample : M2589-30
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FOUNDATION-EXCAVATION-SAMP

Quant Time: Jun 05 05:33:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.094	168	136388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.973	114	241040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	284869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	180320	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.445	65	91852	49.406	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.820%
35) Dibromofluoromethane	8.027	113	71256	47.685	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.380%
50) Toluene-d8	10.448	98	332396	54.618	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.240%
62) 4-Bromofluorobenzene	12.736	95	179793	76.707	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	153.420%#

Target Compounds			Qvalue			
3) Chloromethane	2.311	50	419	0.217	ug/l #	42
5) Bromomethane	2.842	94	463	0.249	ug/l #	3
13) Acrolein	4.041	56	358	Below Cal	#	16
16) Acetone	4.296	43	50762	79.130	ug/l	95
17) Carbon Disulfide	4.540	76	2789	0.734	ug/l #	74
20) Methylene Chloride	5.103	84	3257	2.016	ug/l #	80
25) 2-Butanone	7.345	43	6531	6.358	ug/l	92
29) Tetrahydrofuran	7.710	42	850	1.391	ug/l #	39
31) Cyclohexane	8.102	56	9092	3.642	ug/l #	81
36) 1,1-Dichloropropene	8.091	75	11102	4.987	ug/l #	41
37) Ethyl Acetate	7.345	43	6531	3.043	ug/l #	65
38) Carbon Tetrachloride	8.091	117	13415	5.518	ug/l #	15
39) Methylcyclohexane	9.467	83	19134	7.587	ug/l	99
40) Benzene	8.466	78	778930	112.762	ug/l	99
41) Methacrylonitrile	7.640	41	288	0.259	ug/l #	12
42) 1,2-Dichloroethane	8.469	62	6491	2.737	ug/l #	73
43) Isopropyl Acetate	8.566	43	19947	4.888	ug/l #	82
45) 1,2-Dichloropropane	9.628	63	1248	0.726	ug/l #	45
48) Methyl methacrylate	9.553	41	4435	2.508	ug/l #	9
51) 4-Methyl-2-Pentanone	10.341	43	3924	1.641	ug/l	96
52) Toluene	10.510	92	2575102	565.180	ug/l	99
53) t-1,3-Dichloropropene	10.510	75	31738	10.890	ug/l #	1
54) cis-1,3-Dichloropropene	10.250	75	29221	9.912	ug/l #	68
55) 1,1,2-Trichloroethane	10.883	97	4111	2.377	ug/l #	21
56) Ethyl methacrylate	10.784	69	2349	0.832	ug/l #	17
57) 1,3-Dichloropropane	11.095	76	20360	7.143	ug/l #	42
59) 2-Hexanone	11.097	43	296880	170.822	ug/l #	45
65) Chlorobenzene	11.776	112	2217	0.365	ug/l	96
67) Ethyl Benzene	11.851	91	700290	62.682	ug/l	96
68) m/p-Xylenes	11.956	106	2472529	563.869	ug/l	94
69) o-Xylene	12.286	106	1344241	313.676	ug/l	93
70) Styrene	12.286	104	68329	9.337	ug/l #	1
73) Isopropylbenzene	12.583	105	107971	7.869	ug/l	98
74) N-amyl acetate	12.358	43	3483	0.630	ug/l #	42
76) 1,2,3-Trichloropropane	12.736	75	97410	28.091	ug/l #	100
78) n-propylbenzene	12.924	91	122705	7.675	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

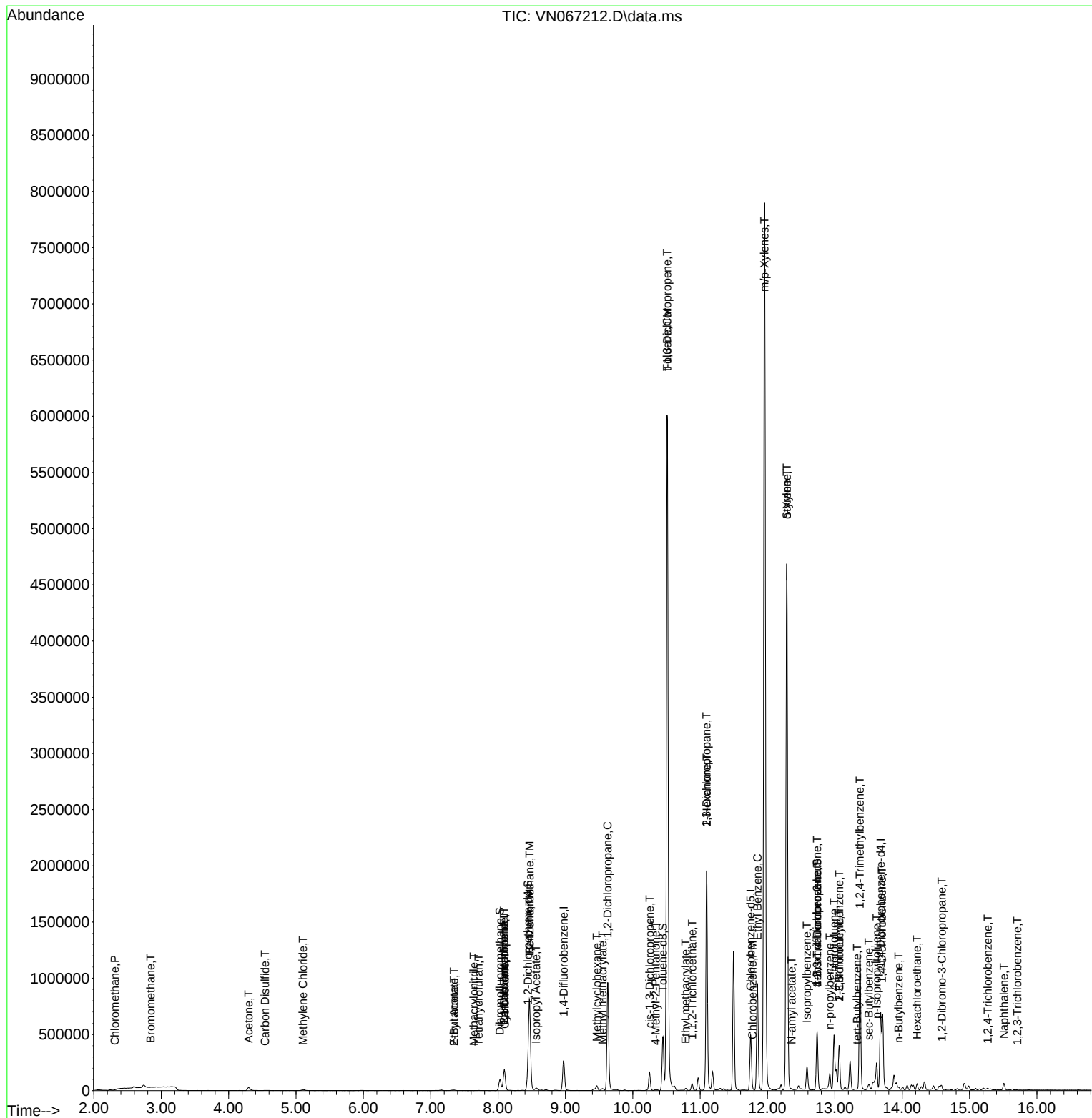
79) 2-Chlorotoluene	13.066	91	22623	2.331	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.066	105	215524	18.141	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	97410	68.730	ug/l #	15
82) 4-Chlorotoluene	12.988	91	37919	4.069	ug/l #	39
83) tert-Butylbenzene	13.332	119	3406	0.335	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.372	105	704739	59.642	ug/l	98
85) sec-Butylbenzene	13.506	105	27757	1.967	ug/l	82
86) p-Isopropyltoluene	13.621	119	135852	10.873	ug/l	93
88) 1,4-Dichlorobenzene	13.699	146	1668	0.277	ug/l #	1
89) n-Butylbenzene	13.946	91	12304	1.094	ug/l #	81
90) Hexachloroethane	14.219	117	3298	1.535	ug/l #	4
92) 1,2-Dibromo-3-Chloropr...	14.587	75	229	0.283	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.271	180	840	0.311	ug/l #	66
95) Naphthalene	15.509	128	51287	10.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.708	180	903	0.377	ug/l #	81

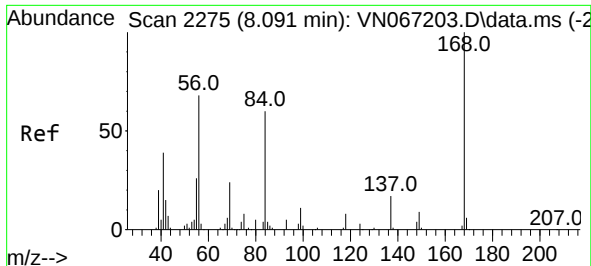
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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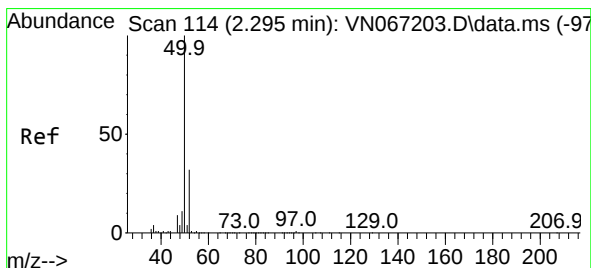
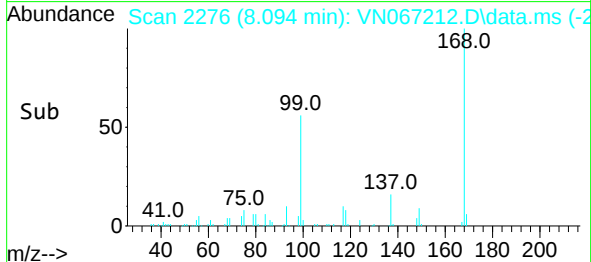
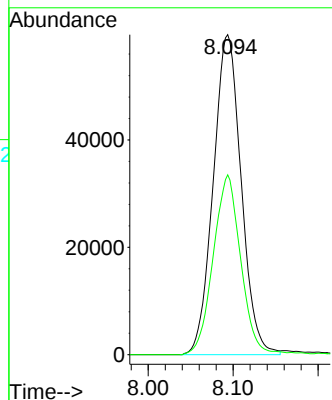
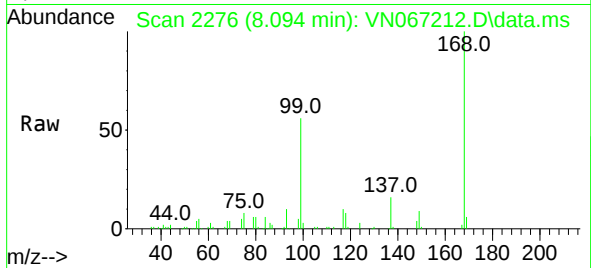




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

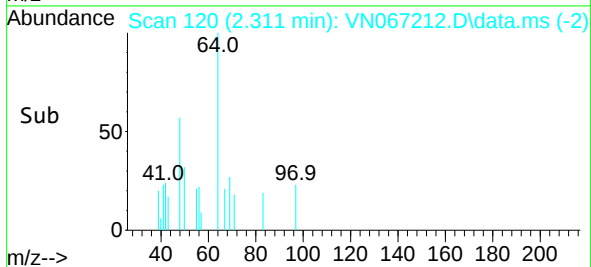
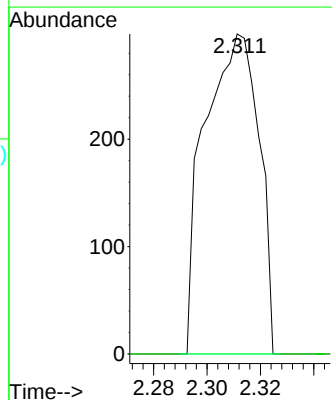
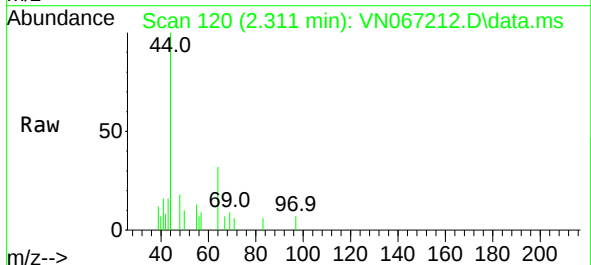
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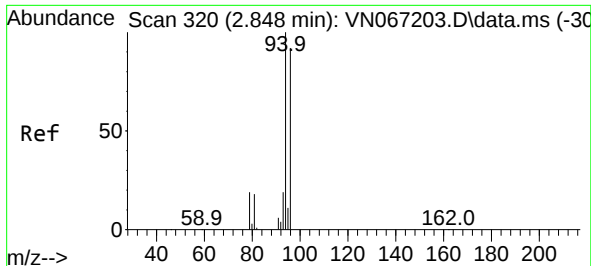
Tgt Ion:168 Resp: 136388
Ion Ratio Lower Upper
168 100
99 56.2 38.5 57.7



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.311 min Scan# 120
Delta R.T. 0.016 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 50 Resp: 419
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

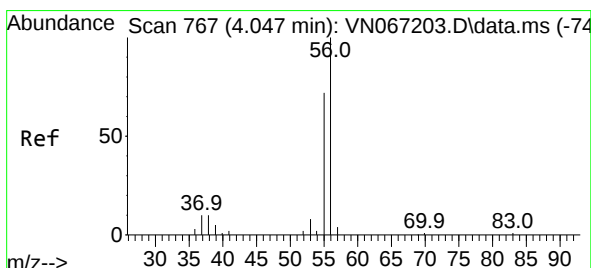
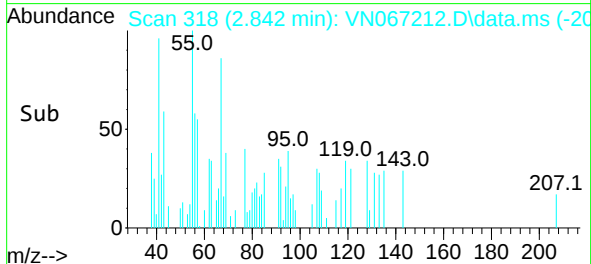
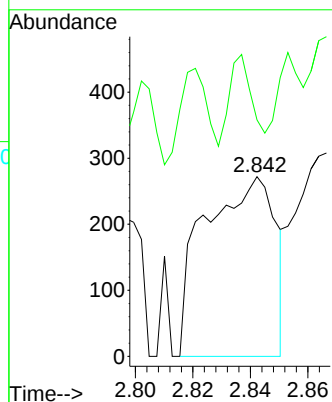
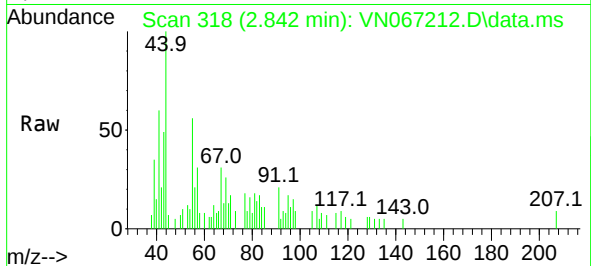




#5
Bromomethane
Concen: 0.249 ug/l
RT: 2.842 min Scan# 318
Delta R.T. -0.005 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

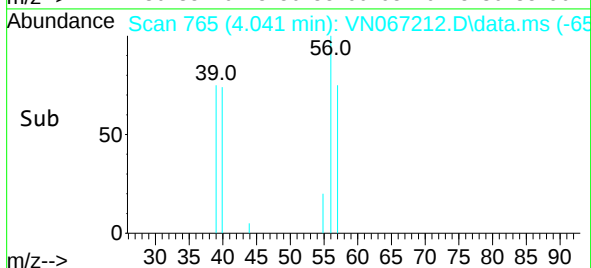
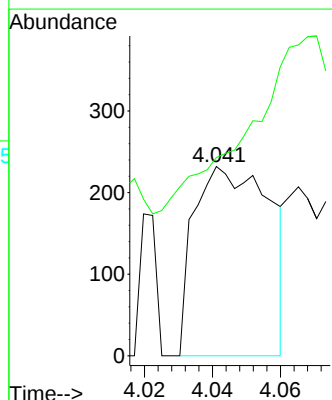
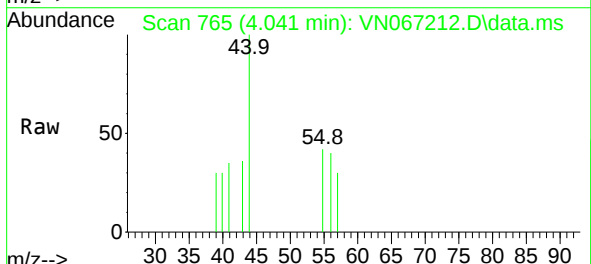
Instrument :
MSVOA_N
ClientSampleId :
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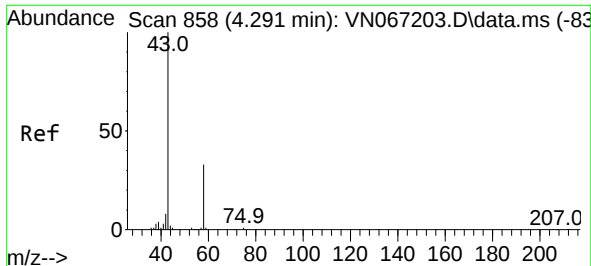
Tgt Ion: 94 Resp: 463
Ion Ratio Lower Upper
94 100
96 0.0 74.4 111.6#



#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 56 Resp: 358
Ion Ratio Lower Upper
56 100
55 0.0 53.8 80.6#

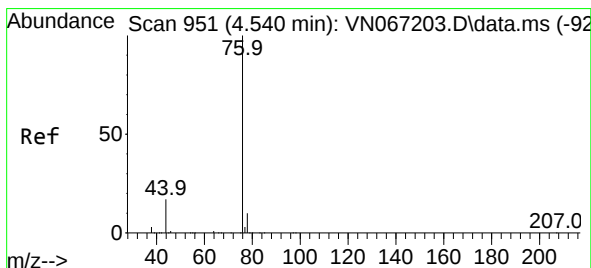
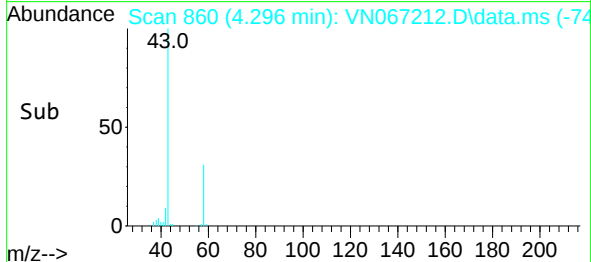
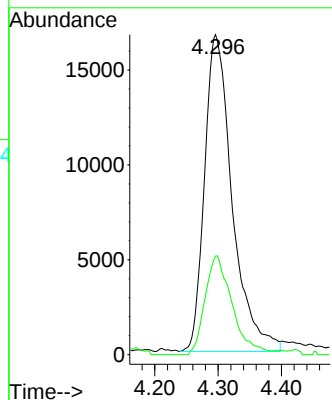
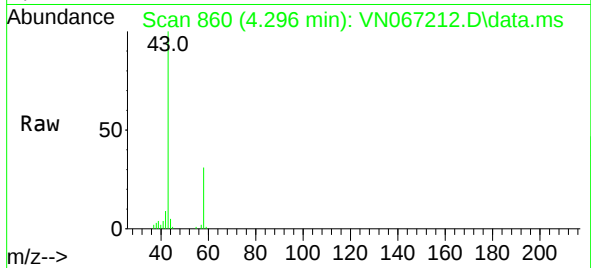




#16
Acetone
Concen: 79.130 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

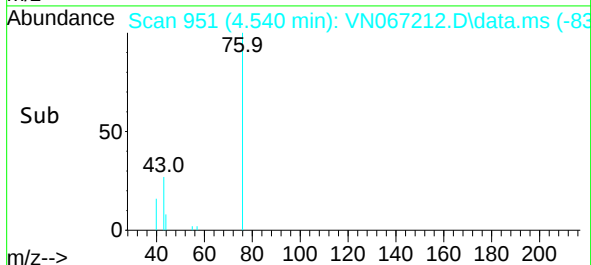
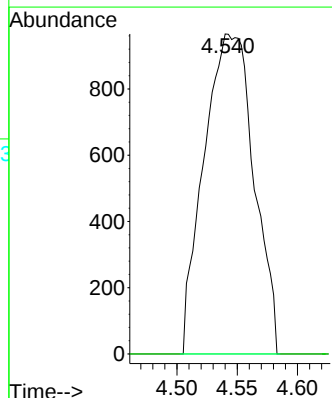
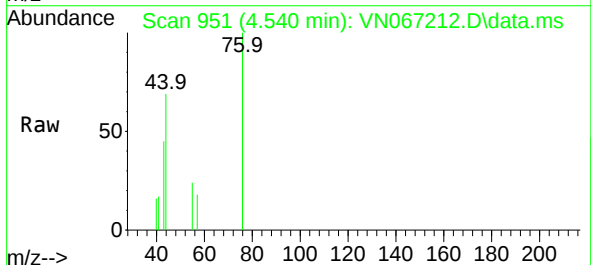
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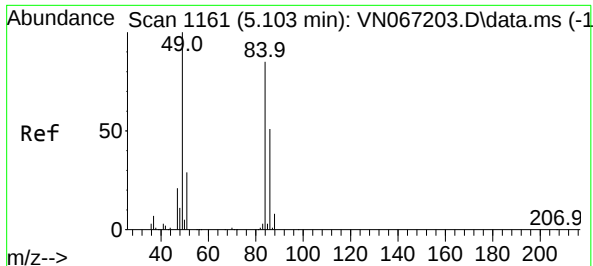
Tgt Ion: 43 Resp: 50762
Ion Ratio Lower Upper
43 100
58 31.1 27.2 40.8



#17
Carbon Disulfide
Concen: 0.734 ug/l
RT: 4.540 min Scan# 951
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 76 Resp: 2789
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





#20

Methylene Chloride

Concen: 2.016 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VN067212.D

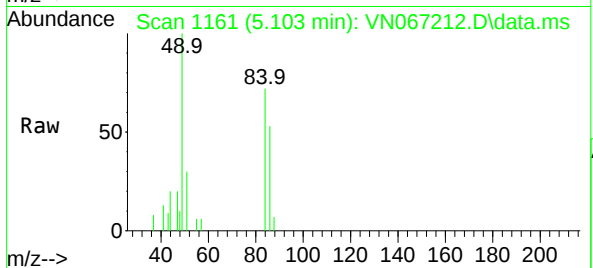
Acq: 4 Jun 2021 22:00

Instrument :

MSVOA_N

ClientSampleId :

FOUNDATION-EXCAVATION-SAMP



Tgt Ion: 84 Resp: 3257

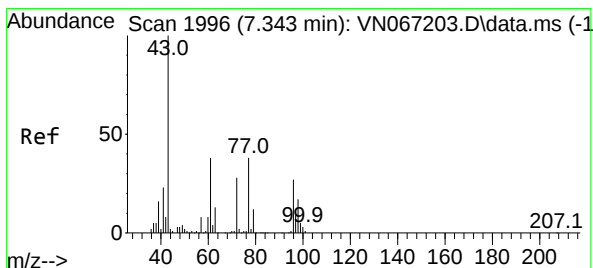
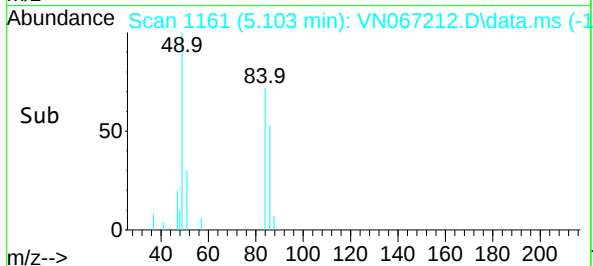
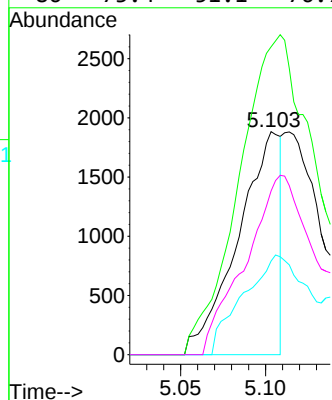
Ion Ratio Lower Upper

84 100

49 138.0 88.3 132.5#

51 42.0 26.7 40.1#

86 73.4 51.1 76.7



#25

2-Butanone

Concen: 6.358 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.002 min

Lab File: VN067212.D

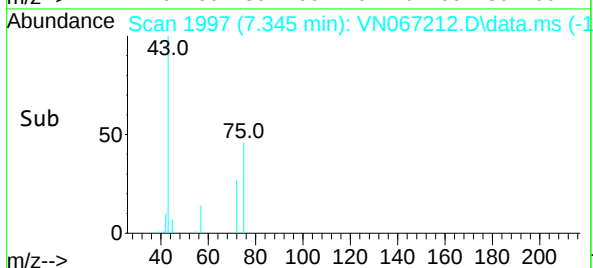
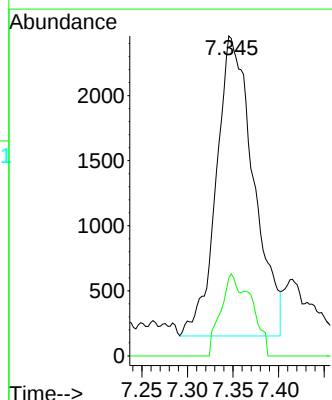
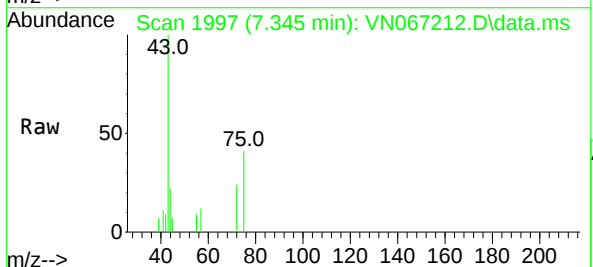
Acq: 4 Jun 2021 22:00

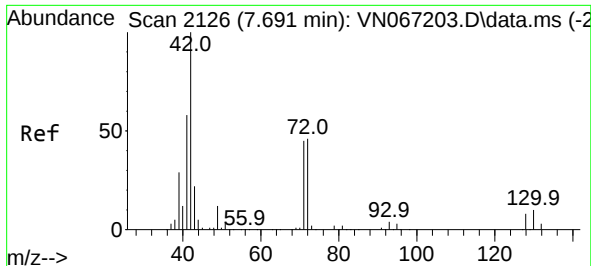
Tgt Ion: 43 Resp: 6531

Ion Ratio Lower Upper

43 100

72 26.0 24.4 36.6





#29

Tetrahydrofuran

Concen: 1.391 ug/l

RT: 7.710 min Scan# 2133

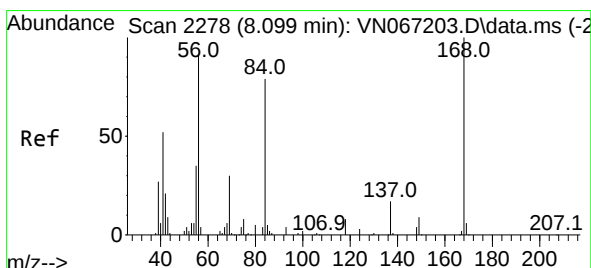
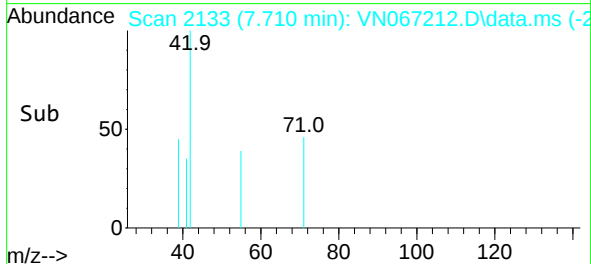
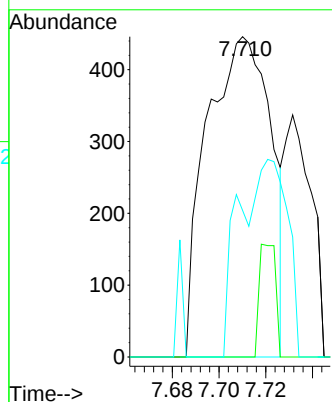
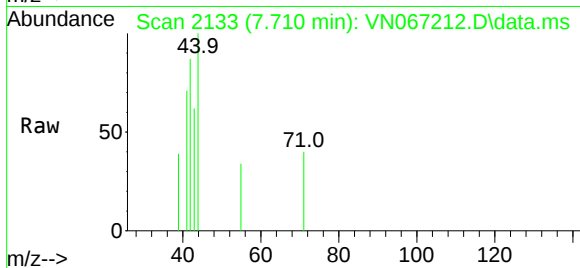
Delta R.T. 0.019 min

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Tgt Ion:	42	Resp:	850
Ion	Ratio	Lower	Upper
42	100		
72	0.0	40.1	60.1#
71	15.2	37.9	56.9#

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#31

Cyclohexane

Concen: 3.642 ug/l

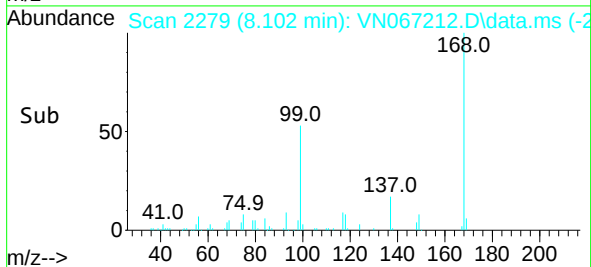
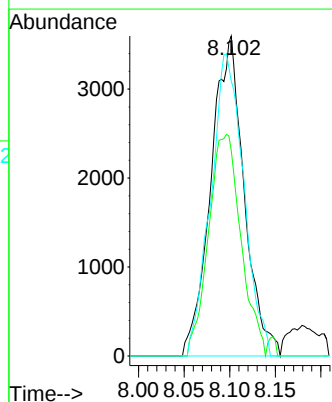
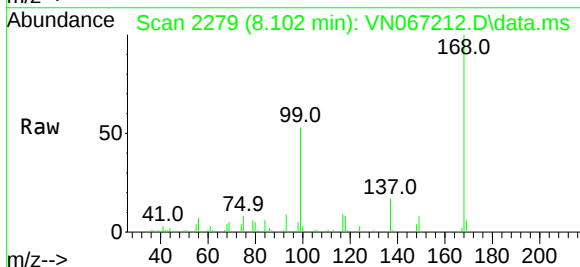
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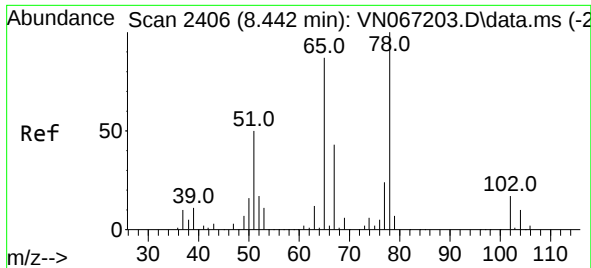
Delta R.T. 0.003 min

Lab File: VN067212.D

Acq: 4 Jun 2021 22:00

Tgt Ion:	56	Resp:	9092
Ion	Ratio	Lower	Upper
56	100		
69	64.3	28.0	42.0#
84	86.0	74.2	111.2

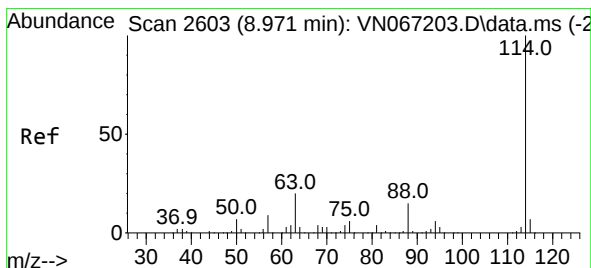
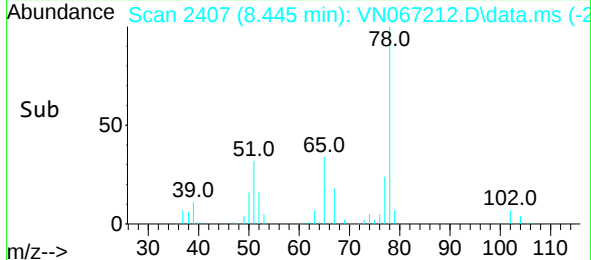
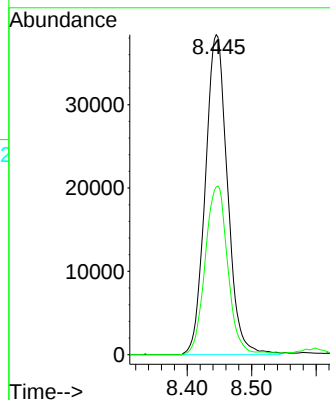
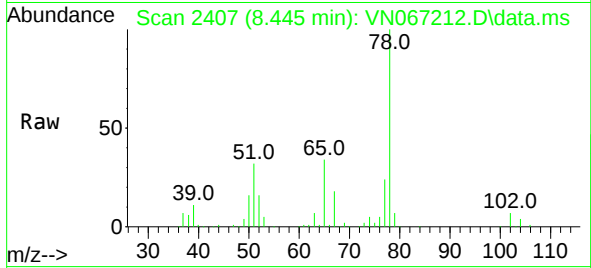




#33
 1,2-Dichloroethane-d4
 Concen: 49.406 ug/l
 RT: 8.445 min Scan# 2407
 Delta R.T. 0.003 min
 Lab File: VN067212.D
 Acq: 4 Jun 2021 22:00

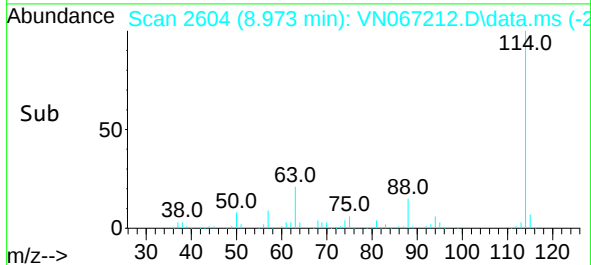
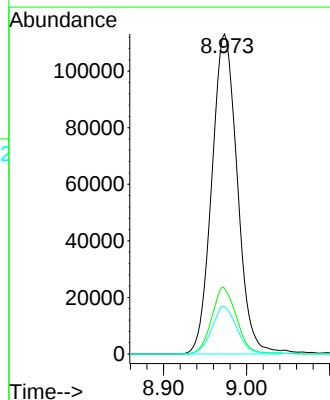
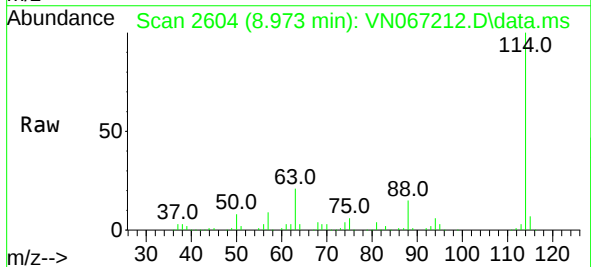
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 ClientSampleId :
 FOUNDATION-EXCAVATION-SAMP

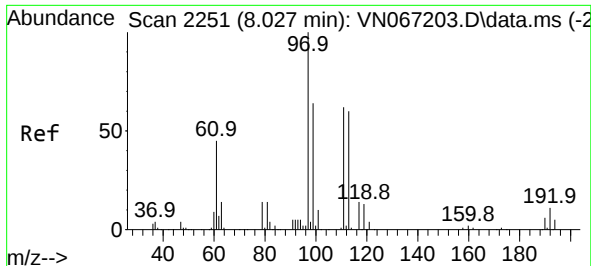
Tgt Ion: 65 Resp: 91852
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.973 min Scan# 2604
 Delta R.T. 0.003 min
 Lab File: VN067212.D
 Acq: 4 Jun 2021 22:00

Tgt Ion: 114 Resp: 241040
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 35.8
 88 14.8 0.0 30.4

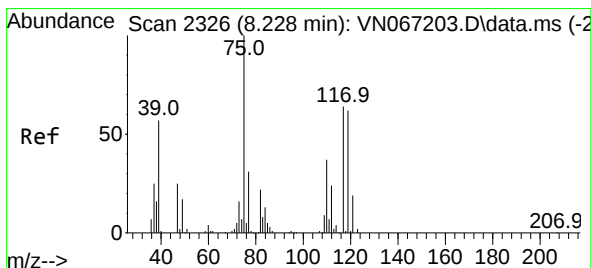
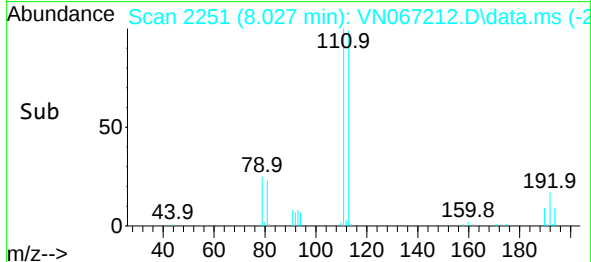
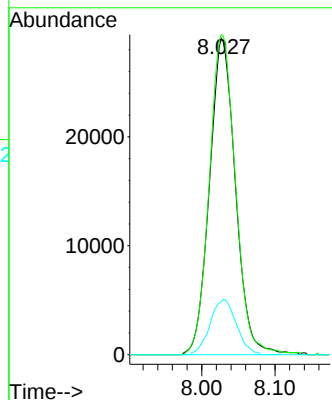
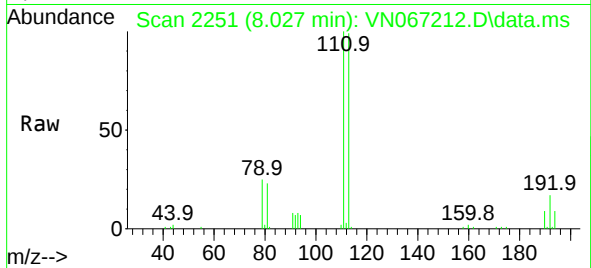




#35
Dibromofluoromethane
Concen: 47.685 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

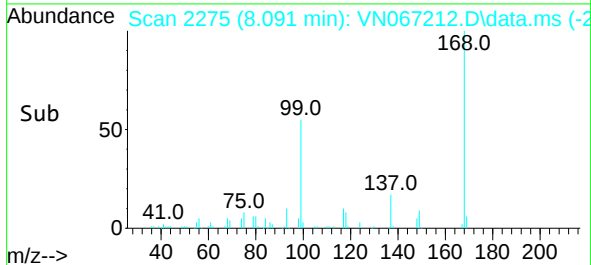
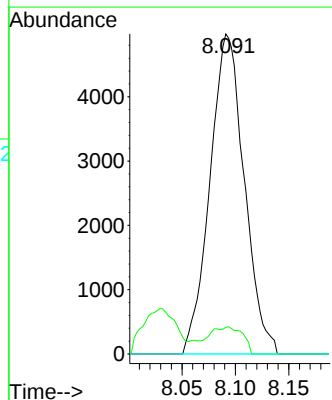
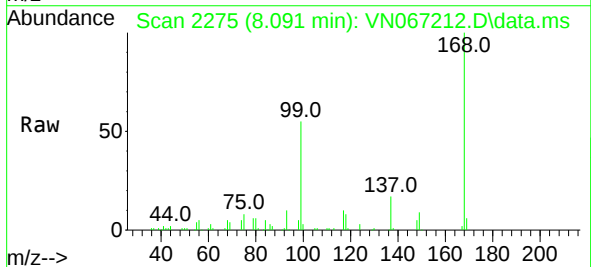
Instrument :
MSVOA_N
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

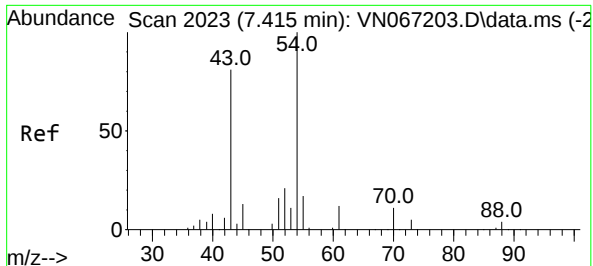
Tgt Ion:113 Resp: 71256
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 17.7 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 4.987 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.137 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 75 Resp: 11102
Ion Ratio Lower Upper
75 100
110 1.1 19.1 57.3#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 3.043 ug/l

RT: 7.345 min Scan# 1997

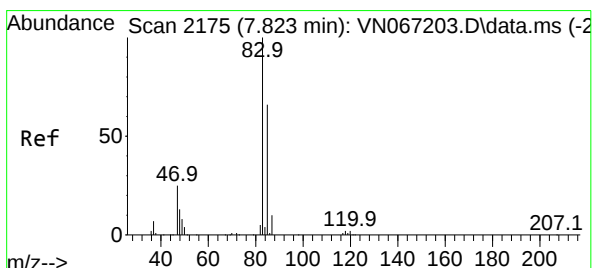
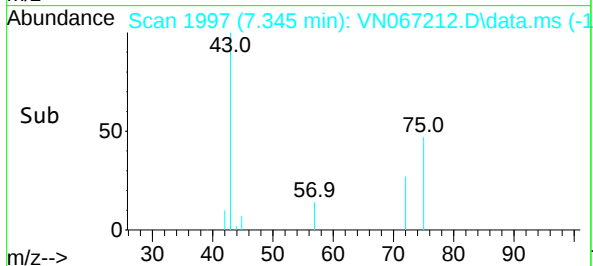
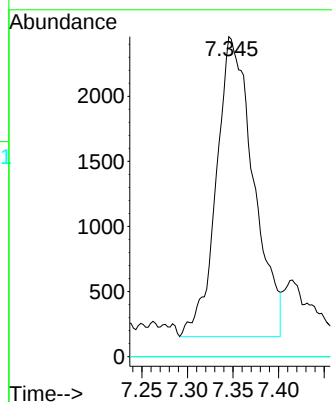
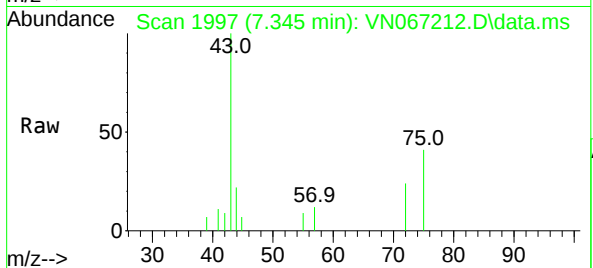
Delta R.T. -0.070 min

Lab File: VN067212.D

Acq: 4 Jun 2021 22:00

Tgt Ion:	43	Resp:	6531
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.0	19.4#
70	0.0	9.2	13.8#

Instrument :
MSVOA_N
ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 5.518 ug/l

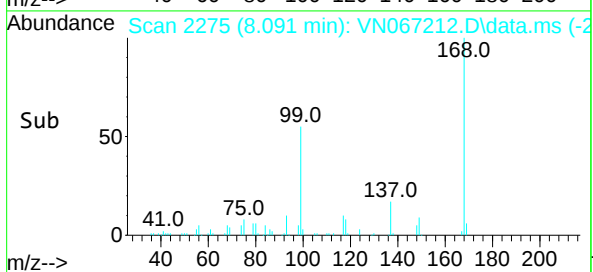
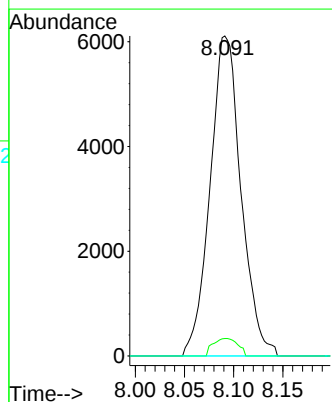
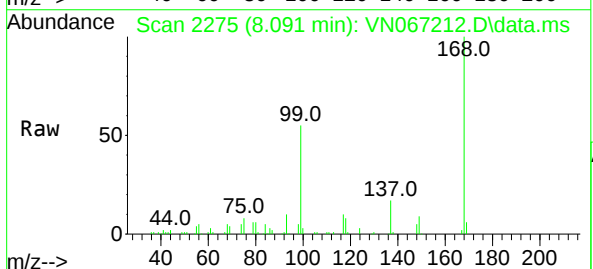
RT: 8.091 min Scan# 2275

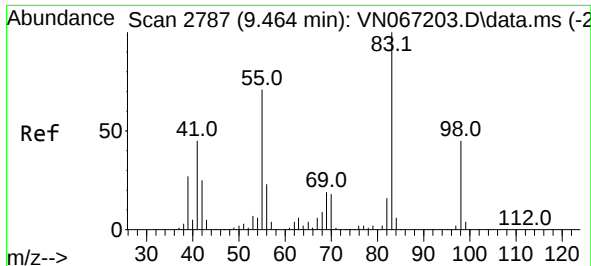
Delta R.T. -0.121 min

Lab File: VN067212.D

Acq: 4 Jun 2021 22:00

Tgt Ion:	117	Resp:	13415
Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.2	117.2#
121	0.0	24.7	37.1#





#39

Methylcyclohexane

Concen: 7.587 ug/l

RT: 9.467 min Scan# 2788

Delta R.T. 0.003 min

Lab File: VN067212.D

Acq: 4 Jun 2021 22:00

Tgt Ion: 83 Resp: 19134

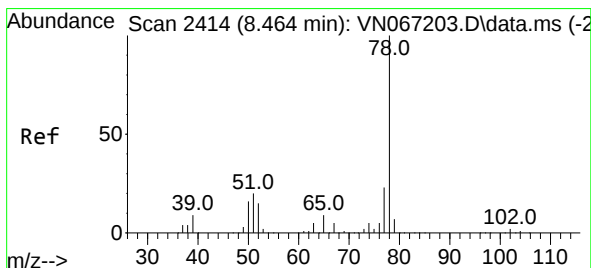
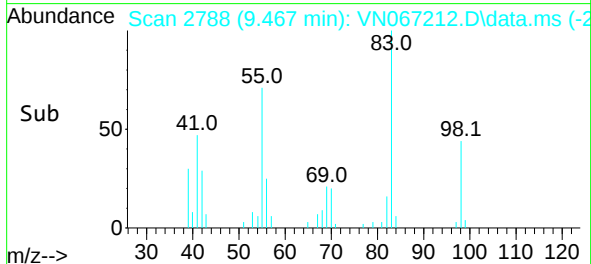
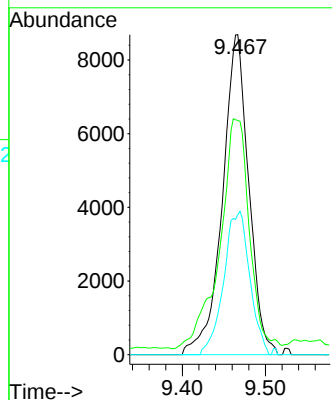
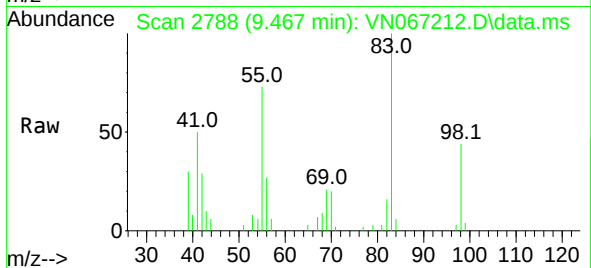
Ion	Ratio	Lower	Upper
83	100		
55	70.3	56.2	84.2
98	43.7	36.8	55.2

Instrument :

MSVOA_N

ClientSampleId :

FOUNDATION-EXCAVATION-SAMP



#40

Benzene

Concen: 112.762 ug/l

RT: 8.466 min Scan# 2415

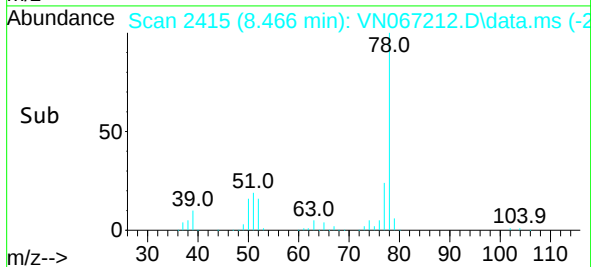
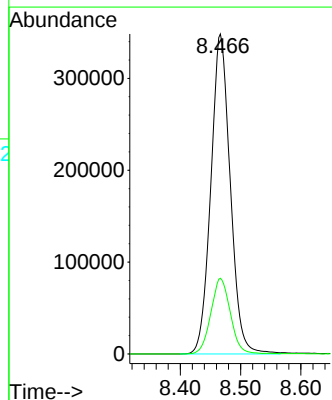
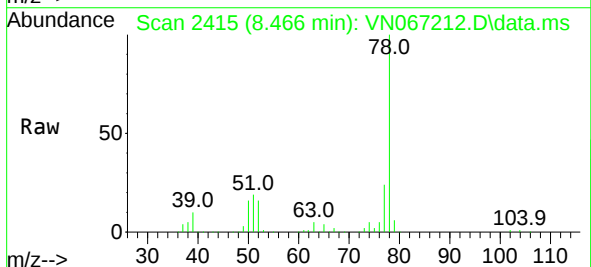
Delta R.T. 0.003 min

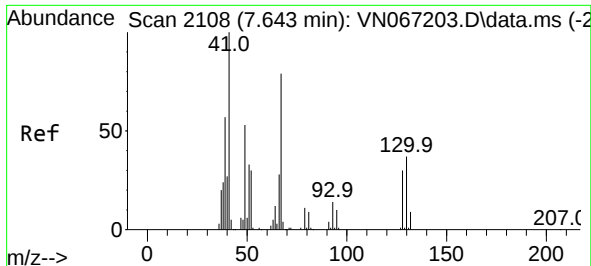
Lab File: VN067212.D

Acq: 4 Jun 2021 22:00

Tgt Ion: 78 Resp: 778930

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.4	27.6

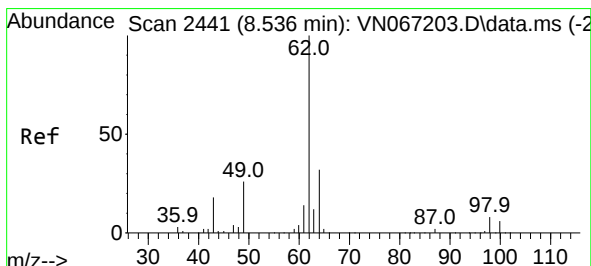
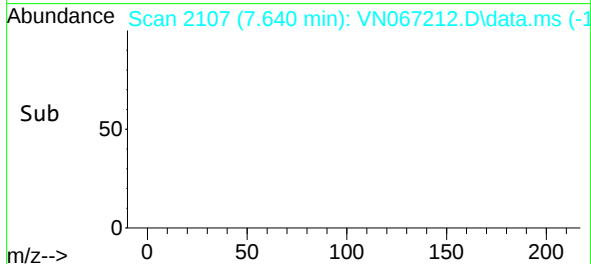
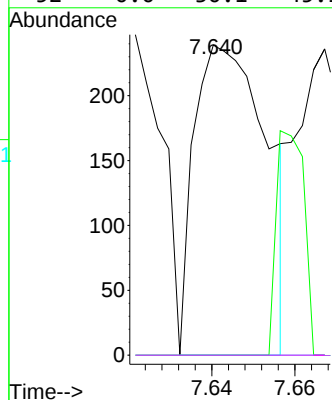
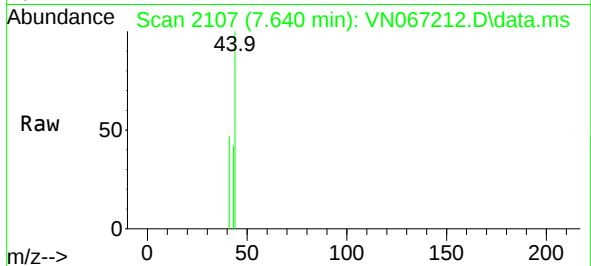




#41
Methacrylonitrile
Concen: 0.259 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. -0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

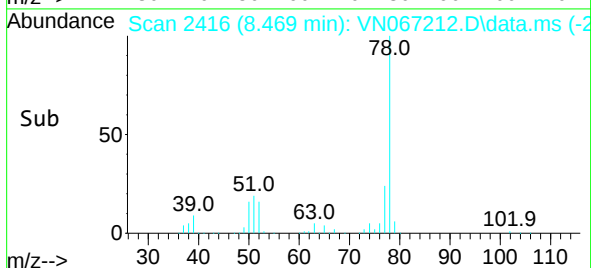
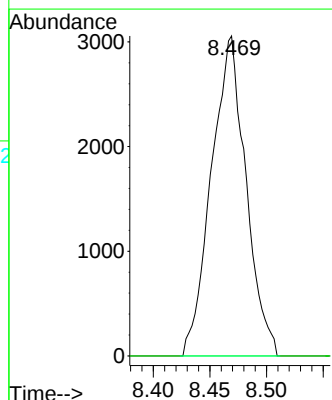
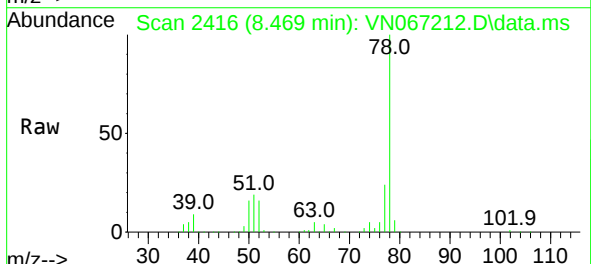
Instrument :
MSVOA_N
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

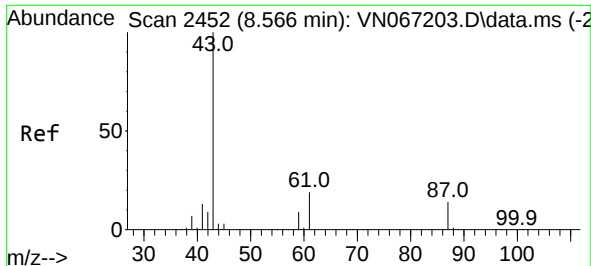
Tgt Ion:	41	Resp:	288
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.3	67.9#
67	0.0	85.1	127.7#
52	0.0	30.1	45.1#



#42
1,2-Dichloroethane
Concen: 2.737 ug/l
RT: 8.469 min Scan# 2416
Delta R.T. -0.067 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion:	62	Resp:	6491
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2

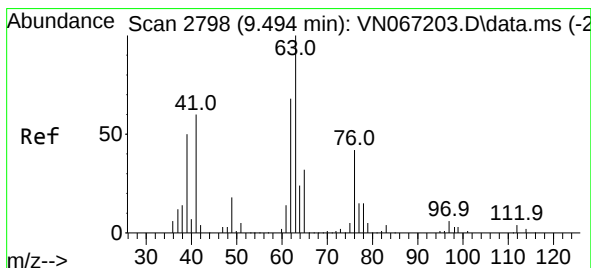
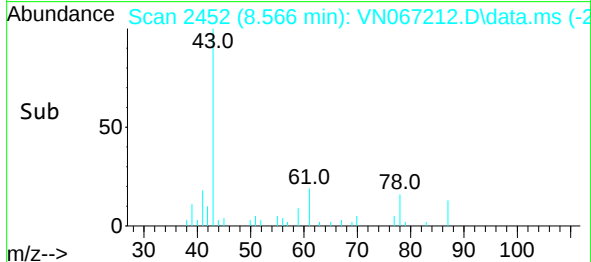
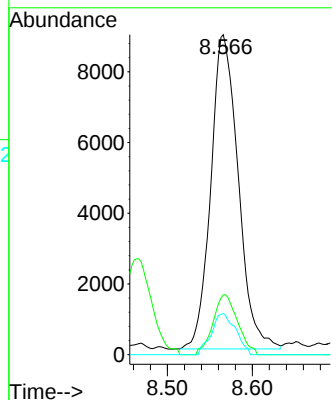
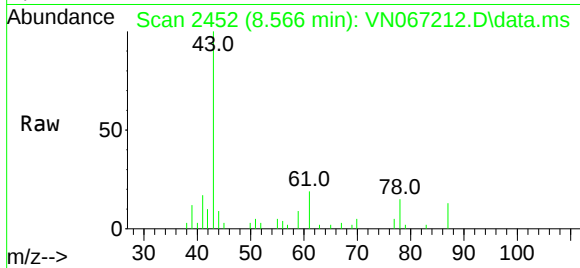




#43
Isopropyl Acetate
Concen: 4.888 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

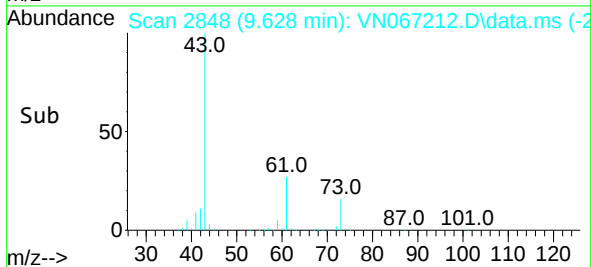
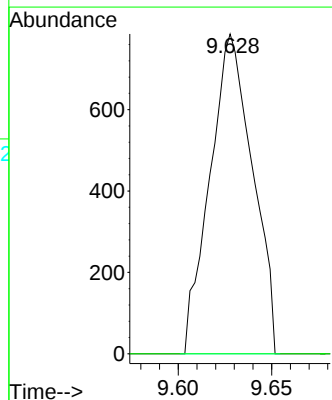
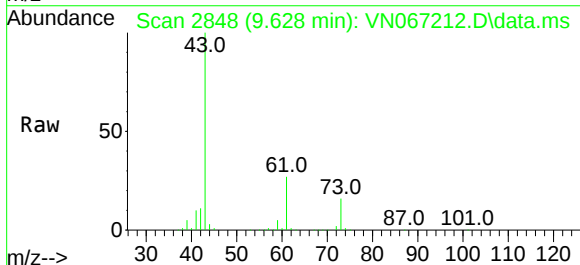
Instrument :
MSVOA_N
ClientSampleId :
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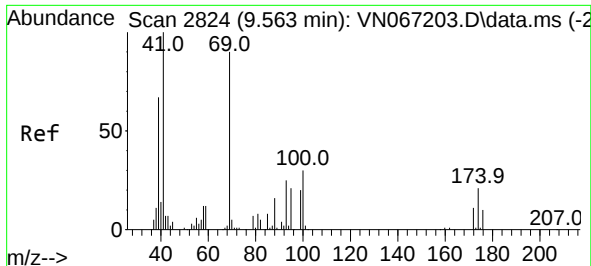
Tgt Ion: 43 Resp: 19947
Ion Ratio Lower Upper
43 100
61 17.1 23.4 35.0#
87 11.6 12.2 18.2#



#45
1,2-Dichloropropane
Concen: 0.726 ug/l
RT: 9.628 min Scan# 2848
Delta R.T. 0.134 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

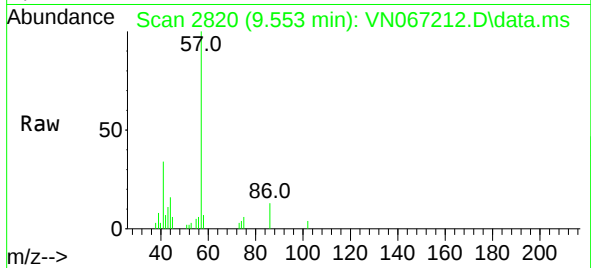
Tgt Ion: 63 Resp: 1248
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



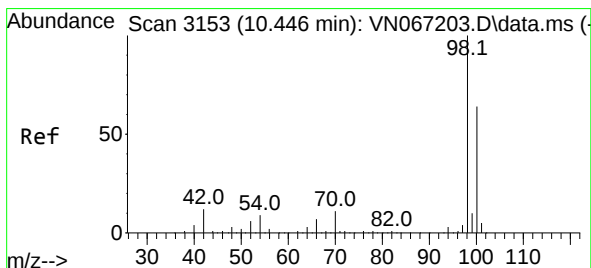
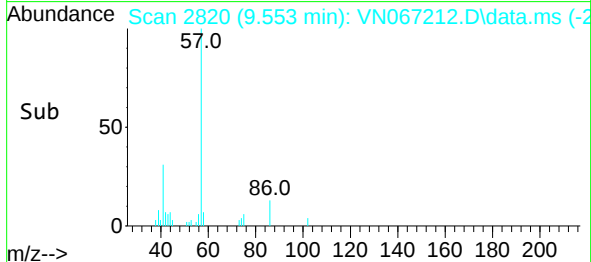
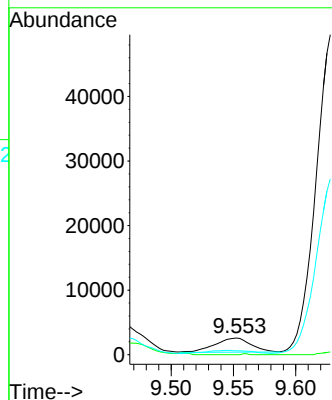


#48
Methyl methacrylate
Concen: 2.508 ug/l
RT: 9.553 min Scan# 2820
Delta R.T. -0.011 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
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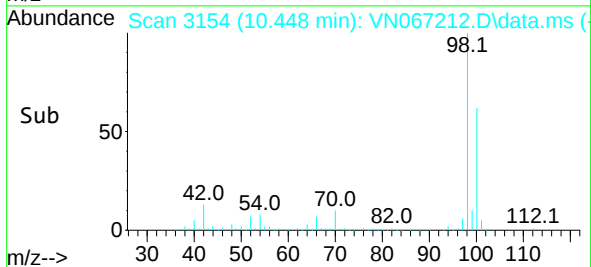
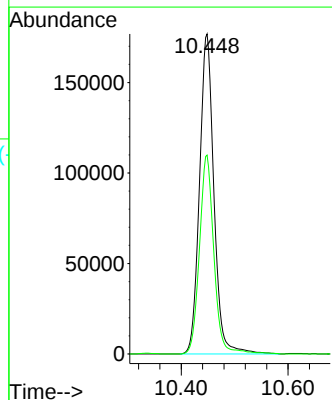
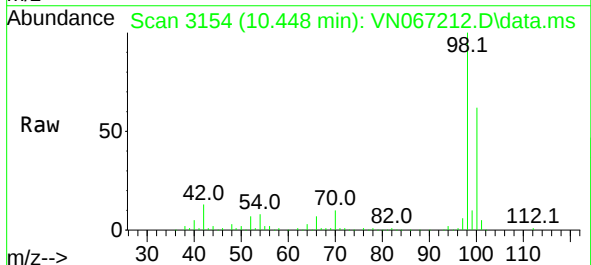


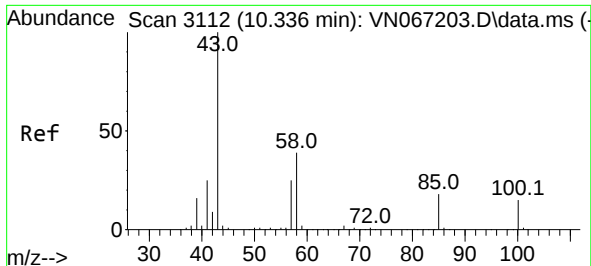
Tgt Ion: 41 Resp: 4435
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#



#50
Toluene-d8
Concen: 54.618 ug/l
RT: 10.448 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 98 Resp: 332396
Ion Ratio Lower Upper
98 100
100 62.0 51.8 77.8

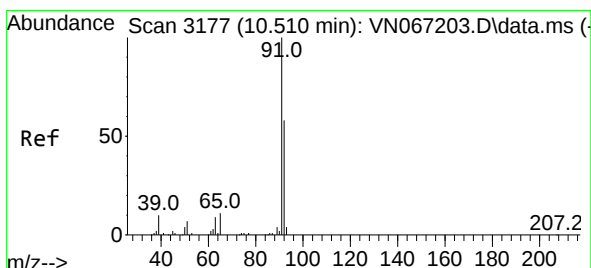
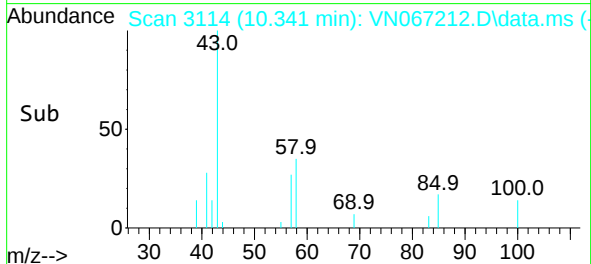
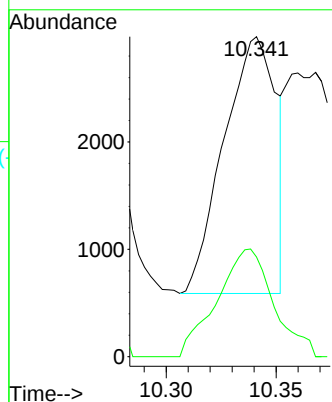
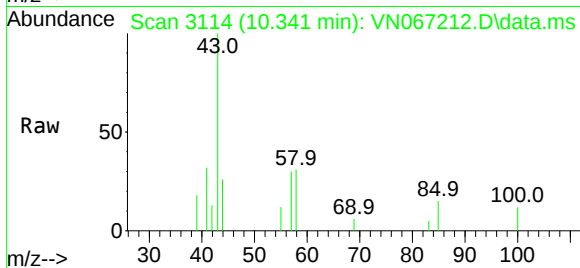




#51
4-Methyl-2-Pentanone
Concen: 1.641 ug/l
RT: 10.341 min Scan# 3114
Delta R.T. 0.005 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

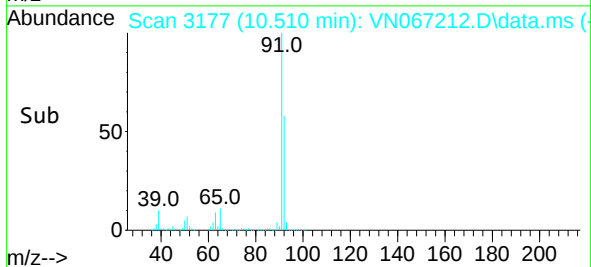
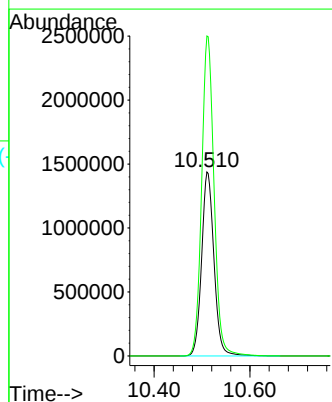
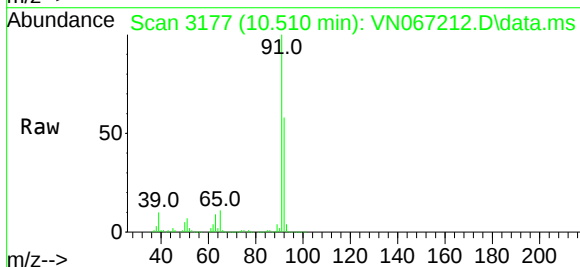
Instrument :
MSVOA_N
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

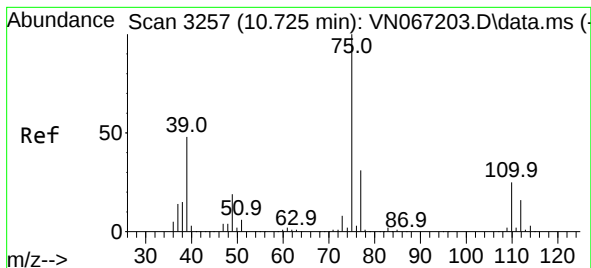
Tgt Ion: 43 Resp: 3924
Ion Ratio Lower Upper
43 100
58 45.8 34.5 51.7



#52
Toluene
Concen: 565.180 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 92 Resp: 2575102
Ion Ratio Lower Upper
92 100
91 175.0 138.7 208.1

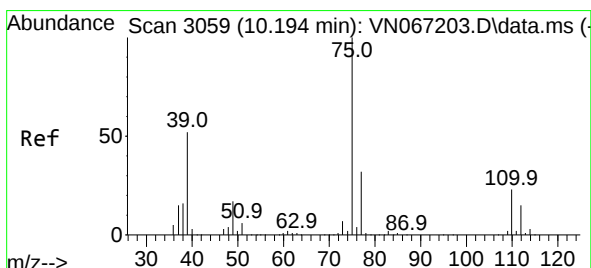
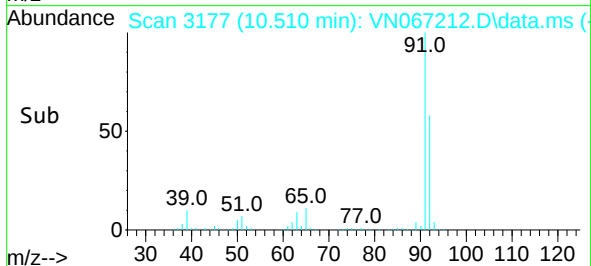
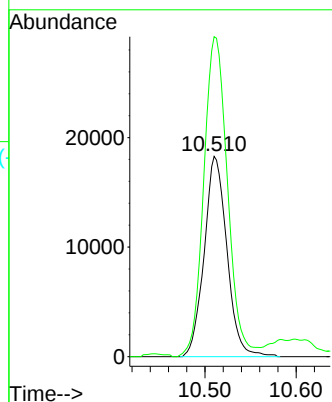
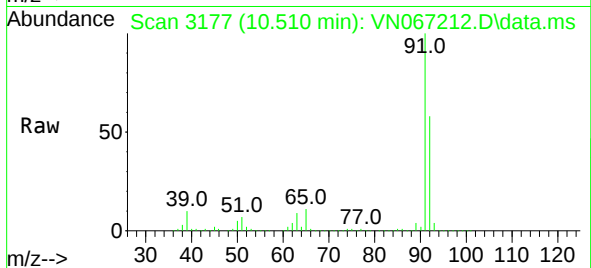




#53
t-1,3-Dichloropropene
Concen: 10.890 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. -0.215 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

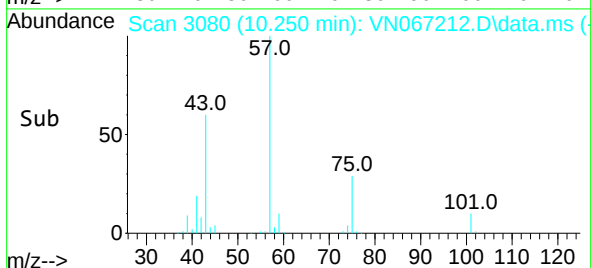
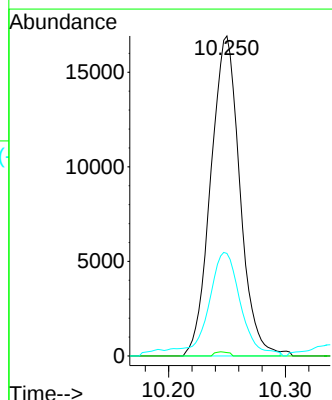
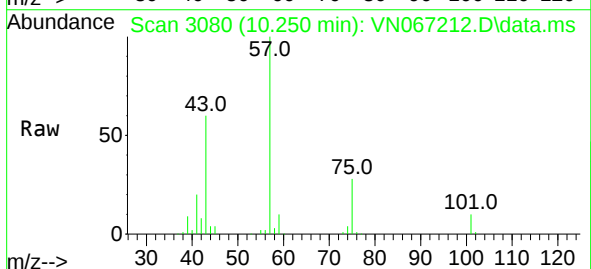
Instrument :
MSVOA_N
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

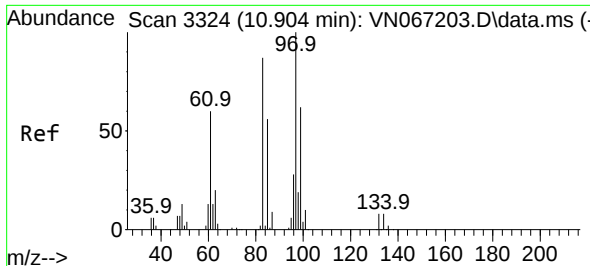
Tgt Ion: 75 Resp: 31738
Ion Ratio Lower Upper
75 100
77 158.9 25.5 38.3#



#54
cis-1,3-Dichloropropene
Concen: 9.912 ug/l
RT: 10.250 min Scan# 3080
Delta R.T. 0.056 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 75 Resp: 29221
Ion Ratio Lower Upper
75 100
77 1.1 25.1 37.7#
39 31.0 30.9 46.3

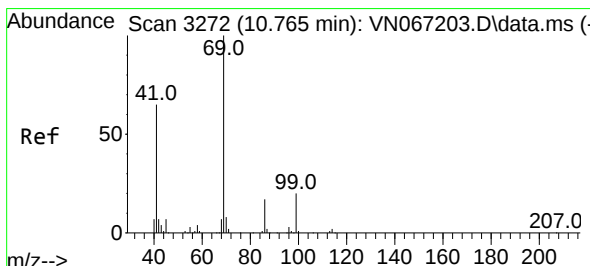
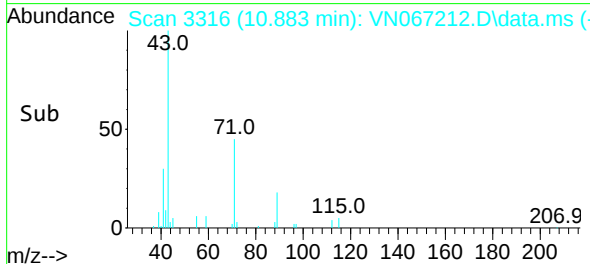
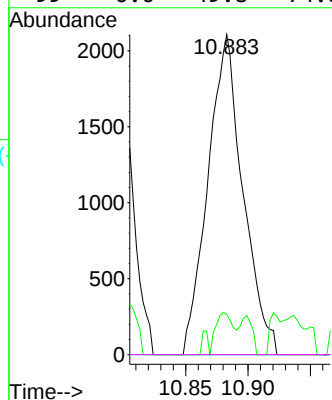
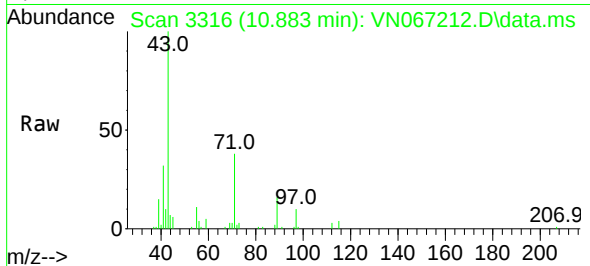




#55
1,1,2-Trichloroethane
Concen: 2.377 ug/l
RT: 10.883 min Scan# 3316
Delta R.T. -0.022 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

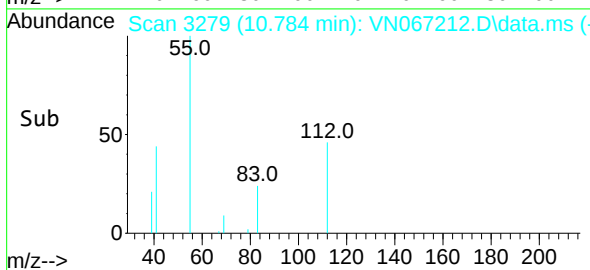
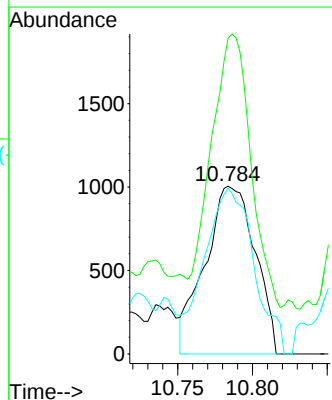
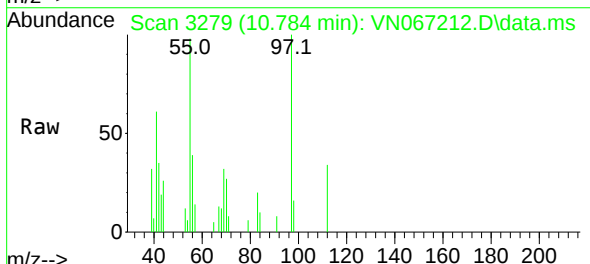
Instrument :
MSVOA_N
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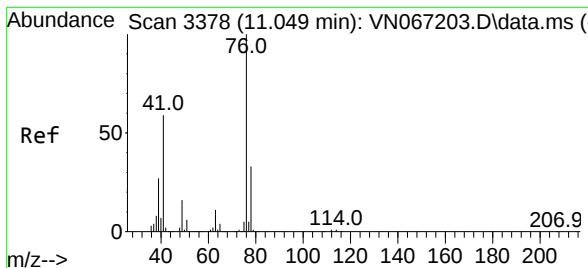
Tgt Ion: 97	Resp: 4111
Ion Ratio	Lower Upper
97 100	
83 12.7	67.3 100.9#
85 0.0	44.2 66.4#
99 0.0	49.8 74.8#



#56
Ethyl methacrylate
Concen: 0.832 ug/l
RT: 10.784 min Scan# 3279
Delta R.T. 0.019 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 69	Resp: 2349
Ion Ratio	Lower Upper
69 100	
41 129.2	45.5 68.3#
39 0.0	22.9 34.3#

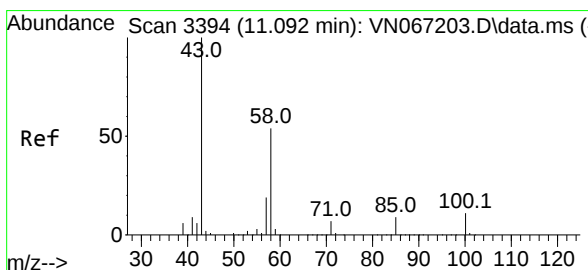
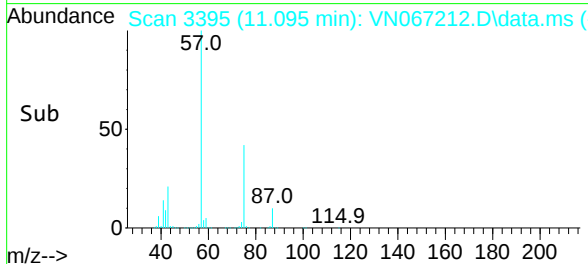
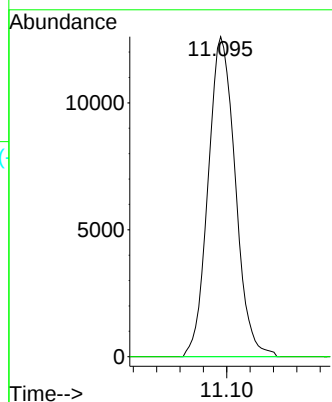
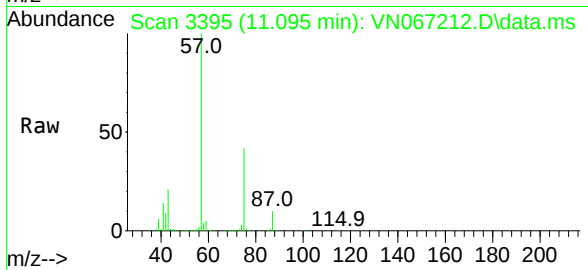




#57
1,3-Dichloropropane
Concen: 7.143 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.046 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

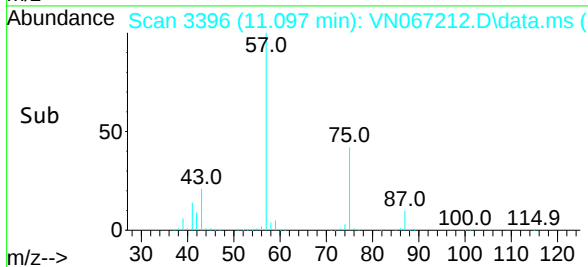
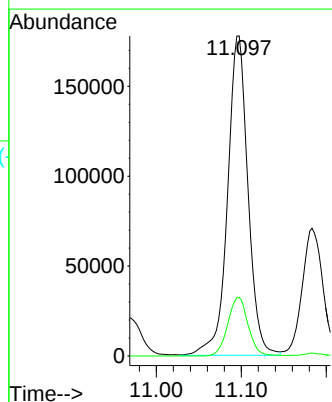
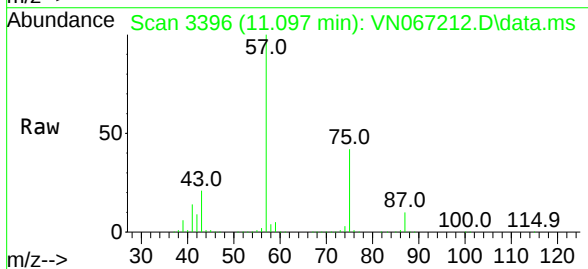
Instrument :
MSVOA_N
ClientSampleId :
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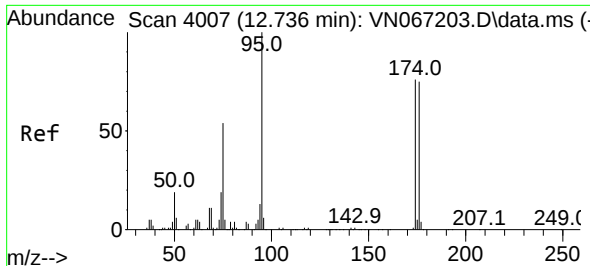
Tgt Ion: 76 Resp: 20360
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#



#59
2-Hexanone
Concen: 170.822 ug/l
RT: 11.097 min Scan# 3396
Delta R.T. 0.005 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 43 Resp: 296880
Ion Ratio Lower Upper
43 100
58 18.4 29.8 89.5#

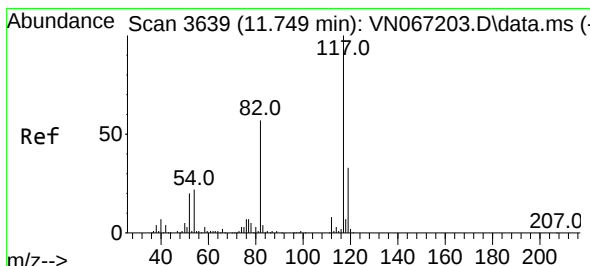
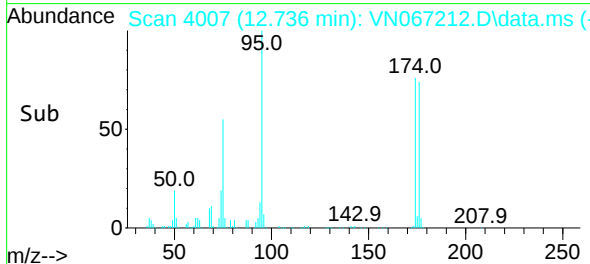
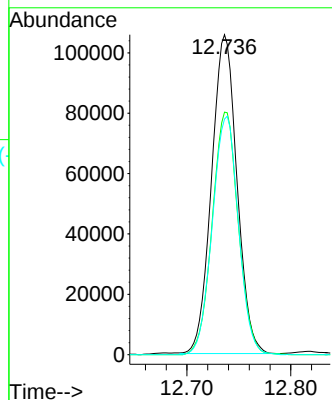
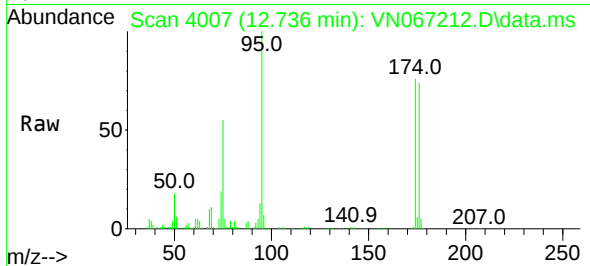




#62
4-Bromofluorobenzene
Concen: 76.707 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

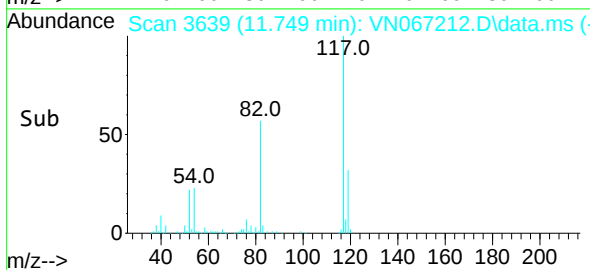
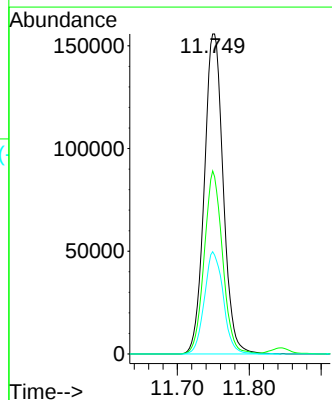
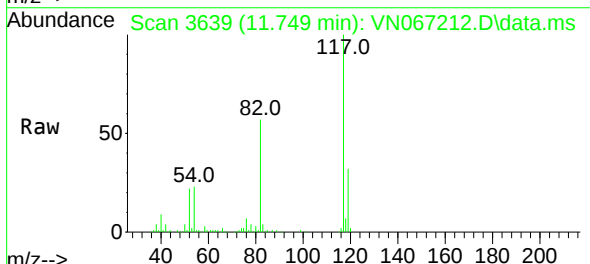
Instrument :
MSVOA_N
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

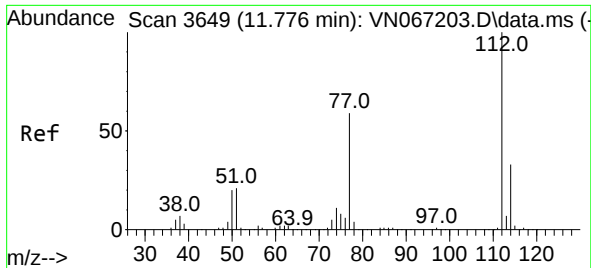
Tgt Ion: 95 Resp: 179793
Ion Ratio Lower Upper
95 100
174 77.9 0.0 182.8
176 76.6 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 117 Resp: 284869
Ion Ratio Lower Upper
117 100
82 57.2 42.2 63.2
119 32.0 25.8 38.6

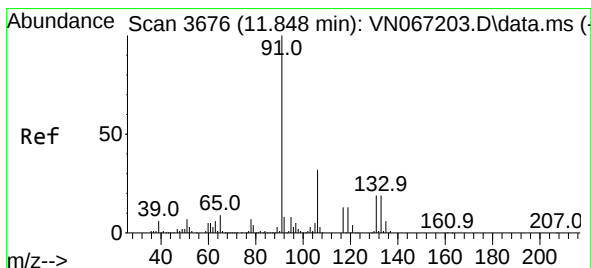
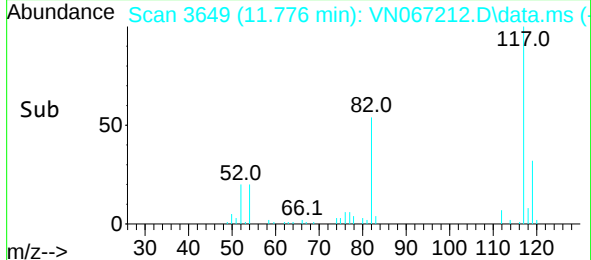
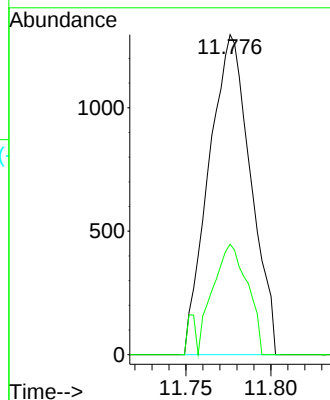
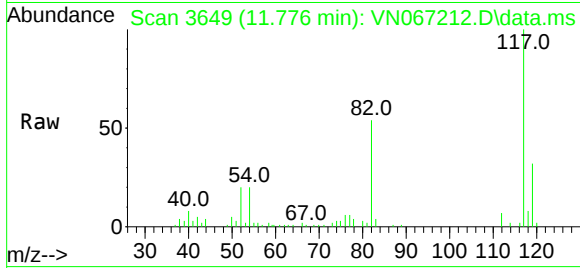




#65
Chlorobenzene
Concen: 0.365 ug/l
RT: 11.776 min Scan# 3649
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

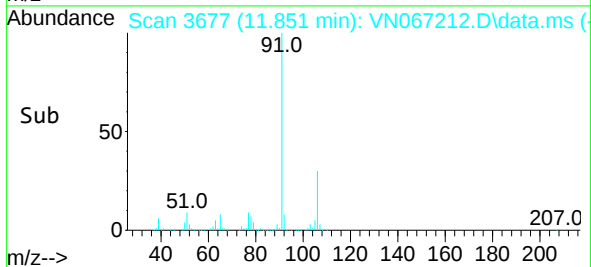
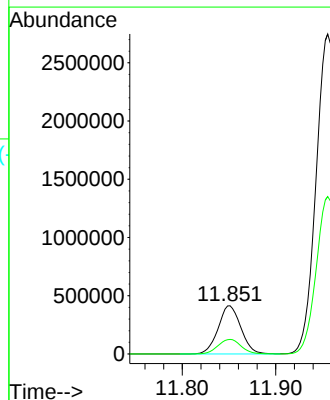
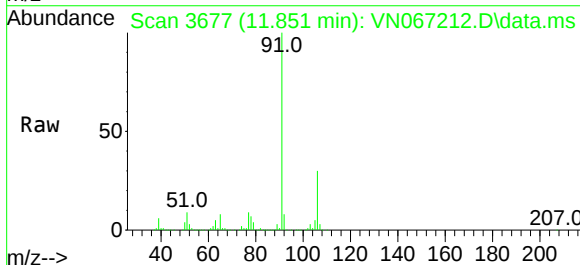
Instrument :
MSVOA_N
ClientSampleId :
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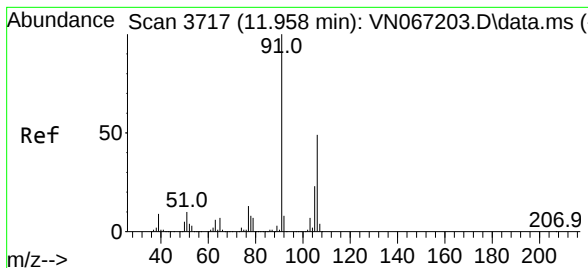
Tgt Ion:112 Resp: 2217
Ion Ratio Lower Upper
112 100
114 34.5 25.6 38.4



#67
Ethyl Benzene
Concen: 62.682 ug/l
RT: 11.851 min Scan# 3677
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 91 Resp: 700290
Ion Ratio Lower Upper
91 100
106 30.3 26.2 39.2

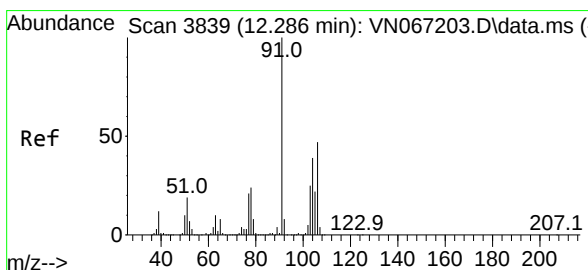
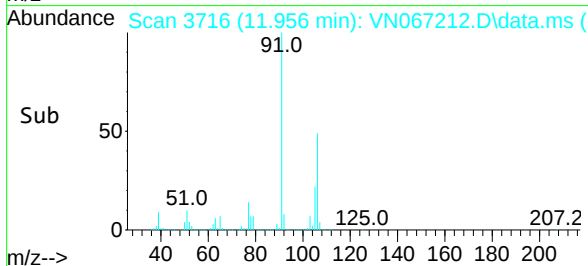
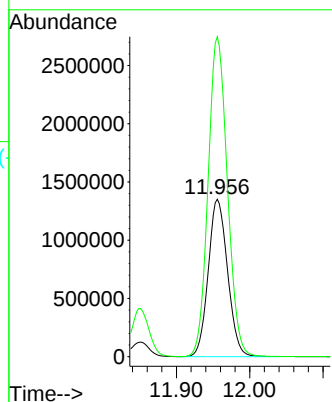
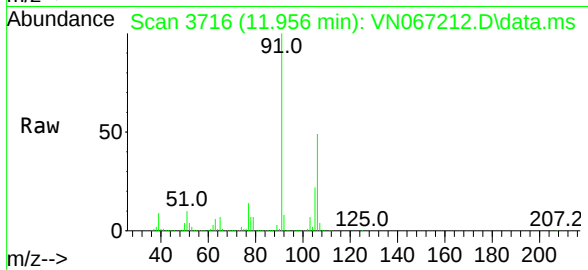




#68
m/p-Xylenes
Concen: 563.869 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.002 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

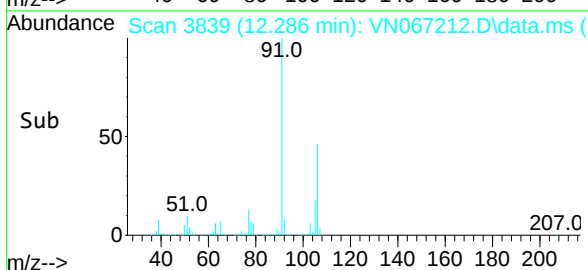
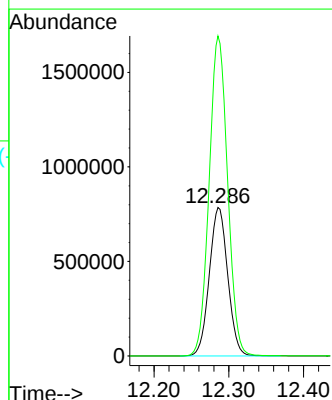
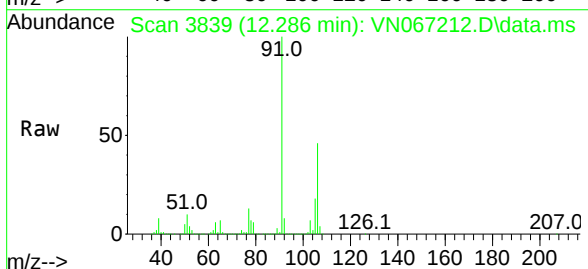
Instrument :
MSVOA_N
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

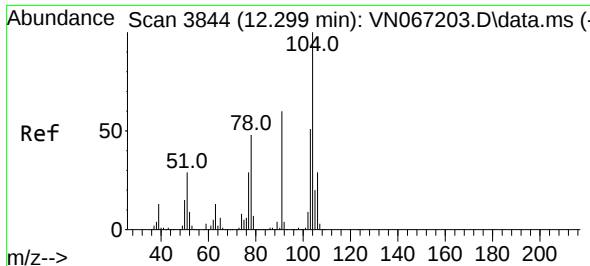
Tgt Ion:106 Resp: 2472529
Ion Ratio Lower Upper
106 100
91 203.1 155.2 232.8



#69
o-Xylene
Concen: 313.676 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion:106 Resp: 1344241
Ion Ratio Lower Upper
106 100
91 215.9 102.3 306.8

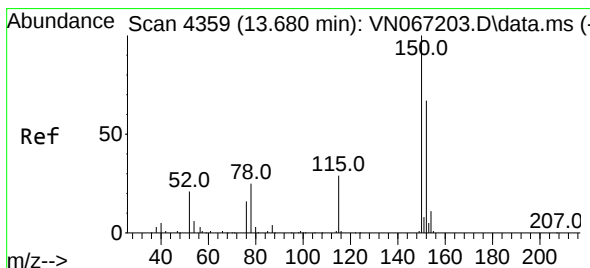
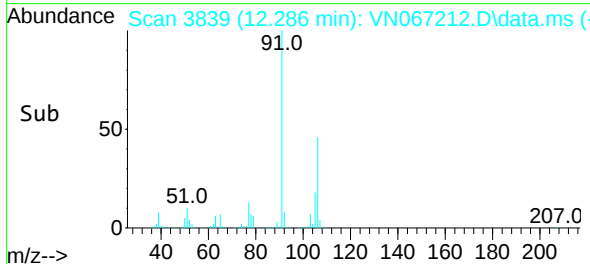
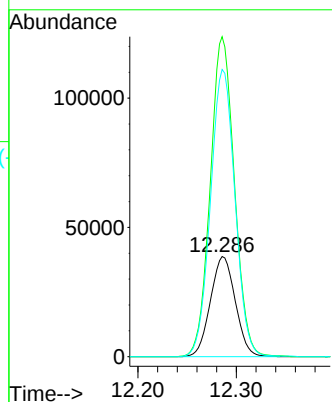
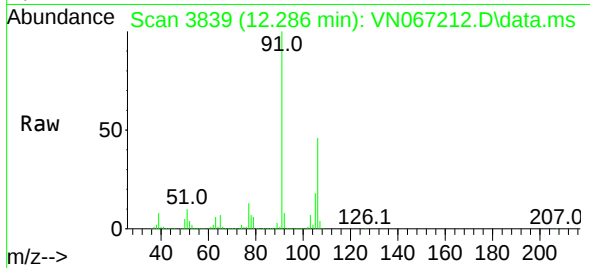




#70
Styrene
Concen: 9.337 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. -0.013 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

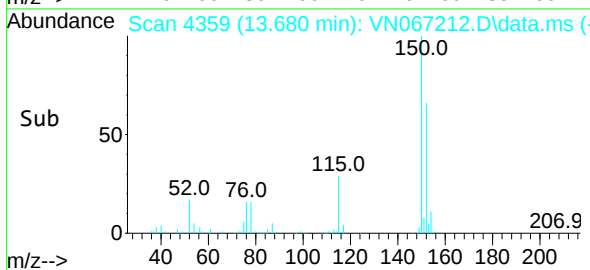
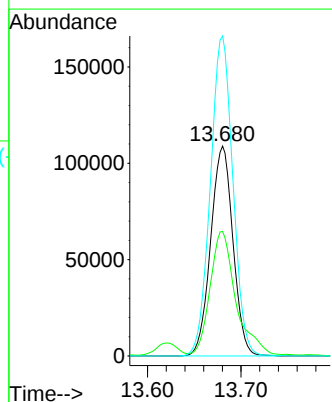
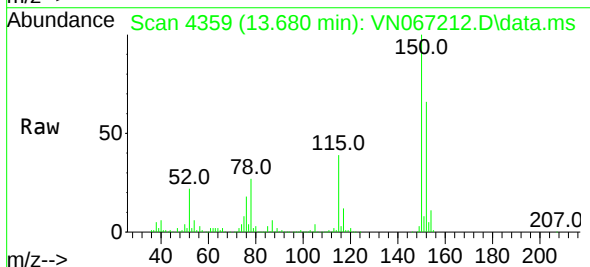
Instrument :
MSVOA_N
ClientSampleId :
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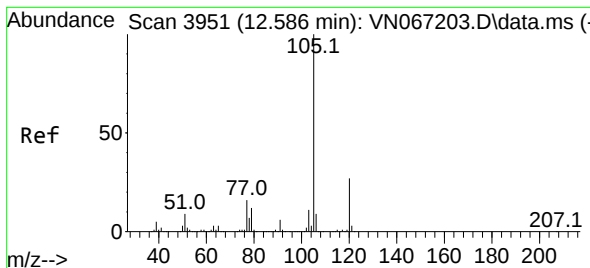
Tgt Ion:104 Resp: 68329
Ion Ratio Lower Upper
104 100
78 309.6 37.7 56.5#
103 281.9 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion:152 Resp: 180320
Ion Ratio Lower Upper
152 100
115 67.5 27.0 80.8
150 154.1 0.0 350.2

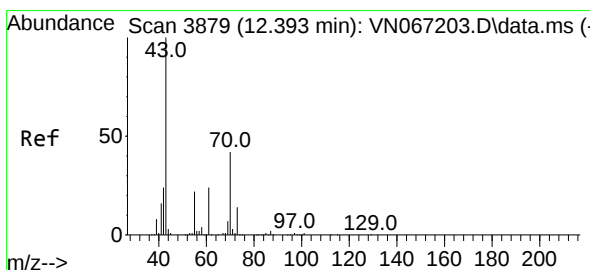
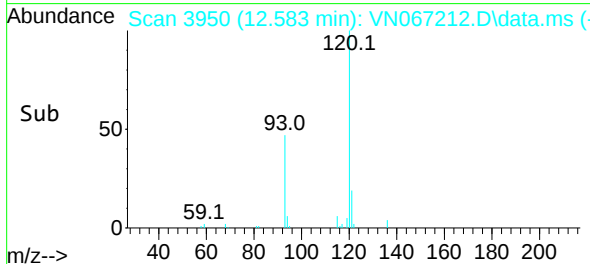
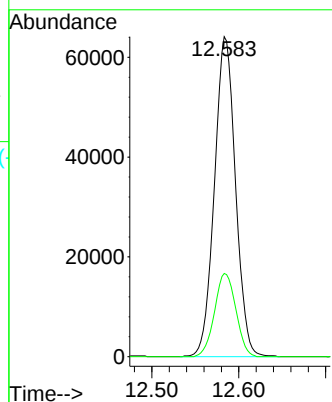
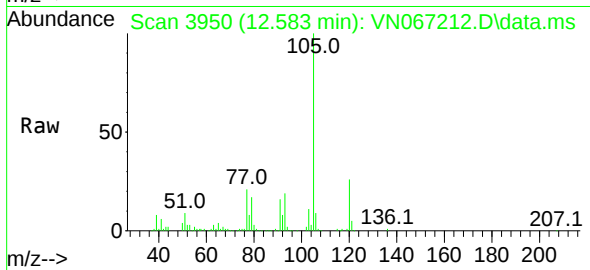




#73
Isopropylbenzene
Concen: 7.869 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

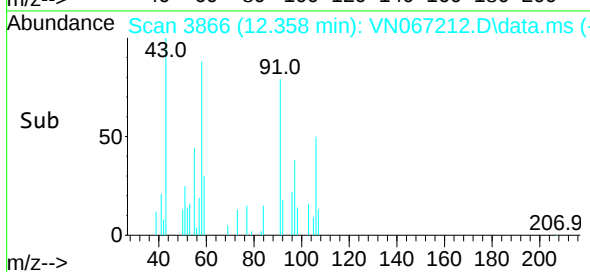
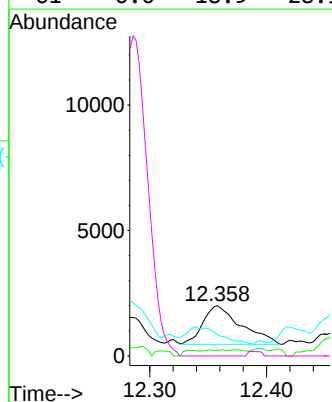
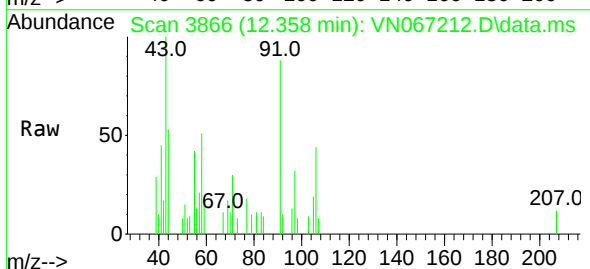
Instrument :
MSVOA_N
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

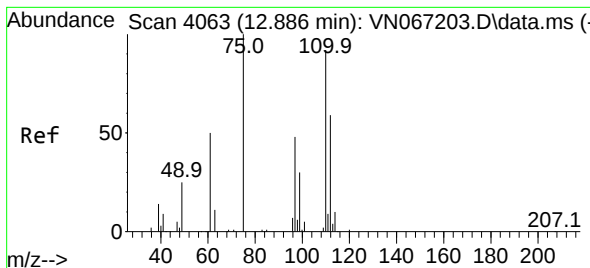
Tgt Ion:105 Resp: 107971
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0



#74
N-ethyl acetate
Concen: 0.630 ug/l
RT: 12.358 min Scan# 3866
Delta R.T. -0.035 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 43 Resp: 3483
Ion Ratio Lower Upper
43 100
70 0.0 36.7 55.1#
55 0.0 17.6 26.4#
61 0.0 18.9 28.3#

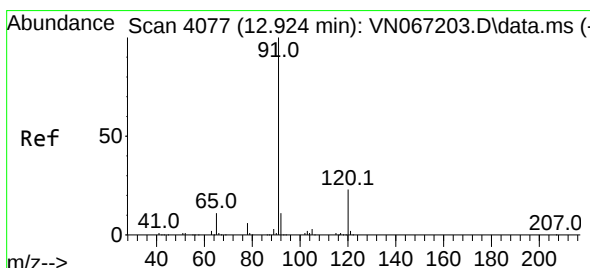
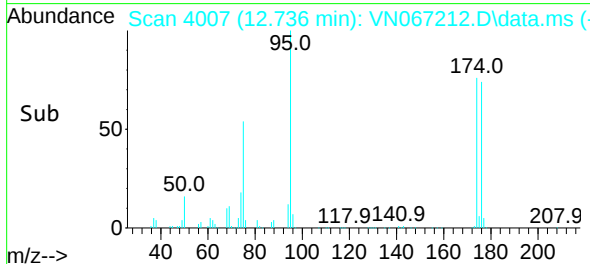
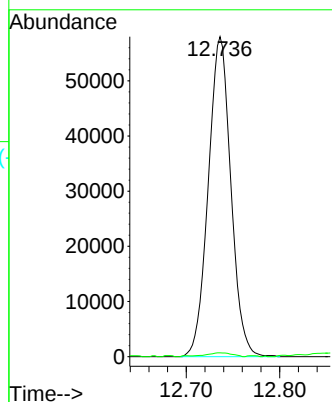
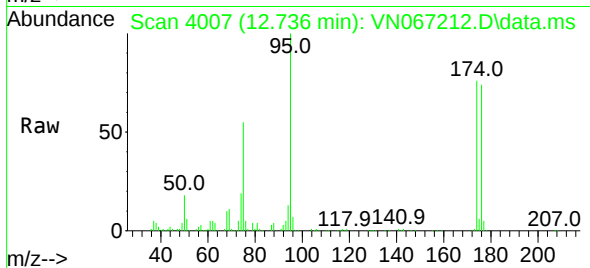




#76
1,2,3-Trichloropropane
Concen: 28.091 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.150 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

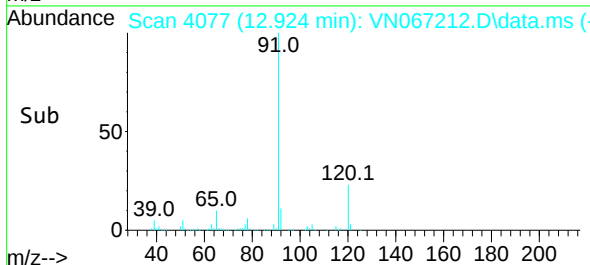
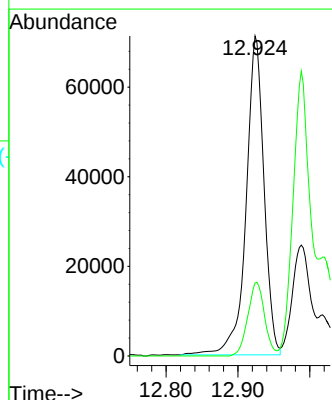
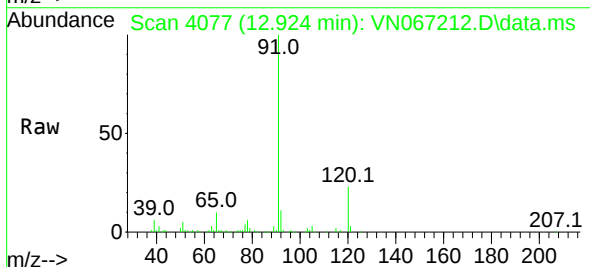
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ClientSampleId :
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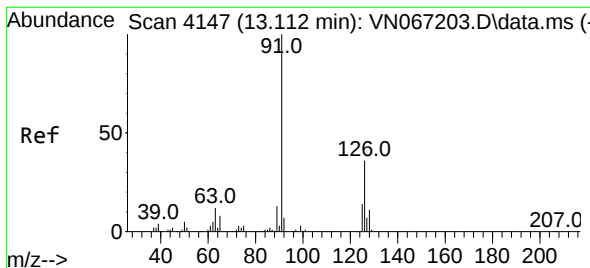
Tgt Ion: 75 Resp: 97410
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#78
n-propylbenzene
Concen: 7.675 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 91 Resp: 122705
Ion Ratio Lower Upper
91 100
120 21.7 12.7 38.0





#79

2-Chlorotoluene

Concen: 2.331 ug/l

RT: 13.066 min Scan# 4130

Delta R.T. -0.046 min

Lab File: VN067212.D

Acq: 4 Jun 2021 22:00

Tgt Ion: 91 Resp: 22623

Ion Ratio Lower Upper

91 100

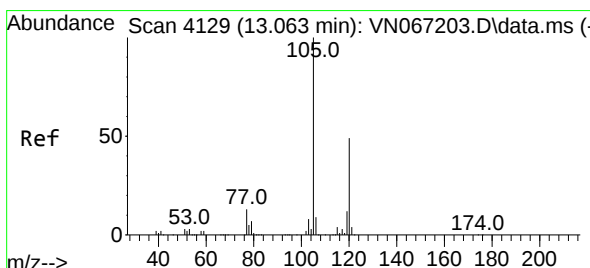
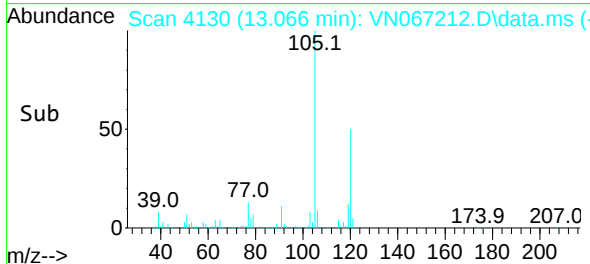
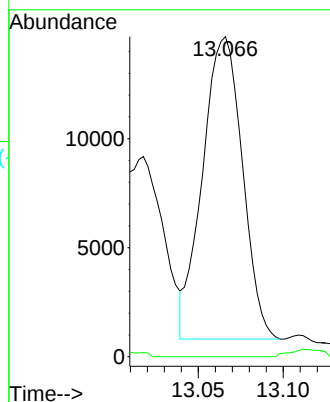
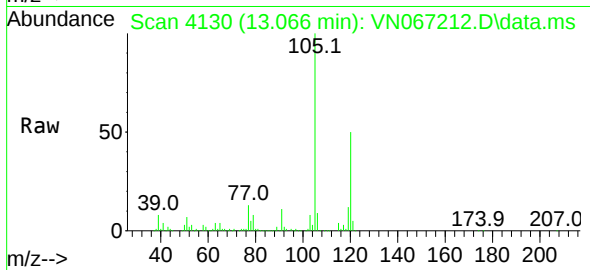
126 0.0 18.3 54.8#

Instrument :

MSVOA_N

ClientSampleId :

FOUNDATION-EXCAVATION-SAMP



#80

1,3,5-Trimethylbenzene

Concen: 18.141 ug/l

RT: 13.066 min Scan# 4130

Delta R.T. 0.003 min

Lab File: VN067212.D

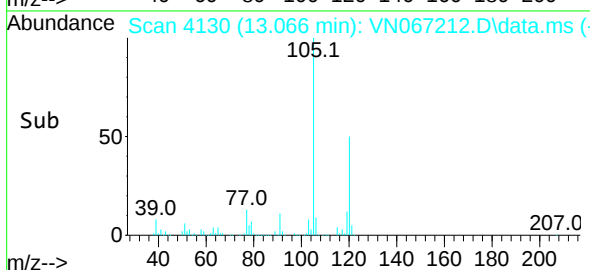
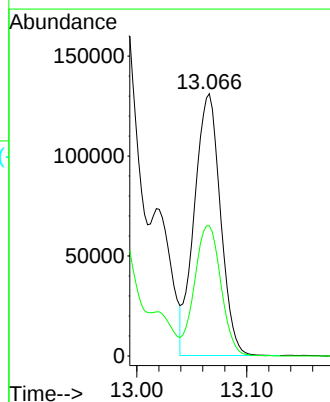
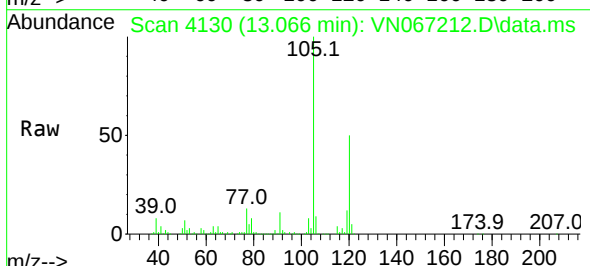
Acq: 4 Jun 2021 22:00

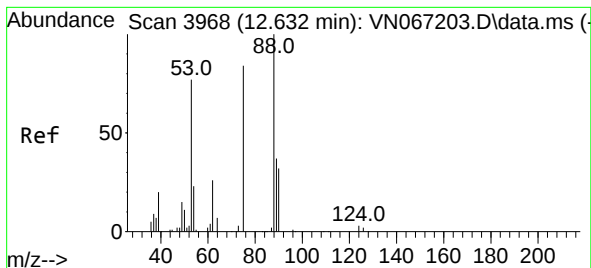
Tgt Ion:105 Resp: 215524

Ion Ratio Lower Upper

105 100

120 50.6 25.0 75.0

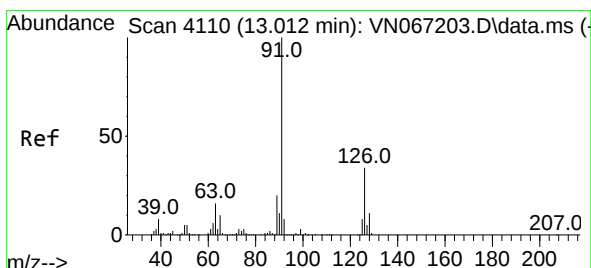
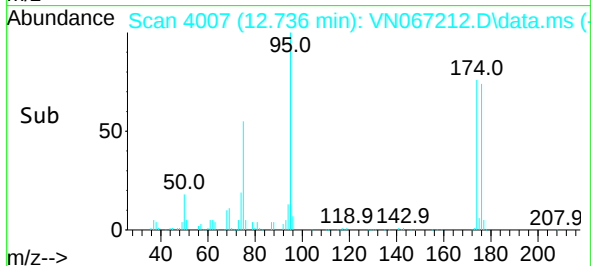
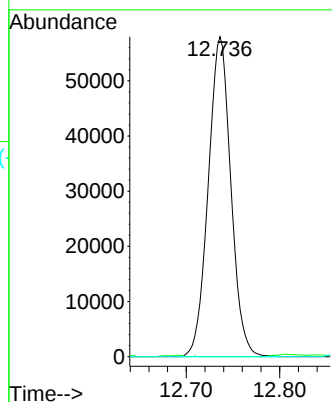
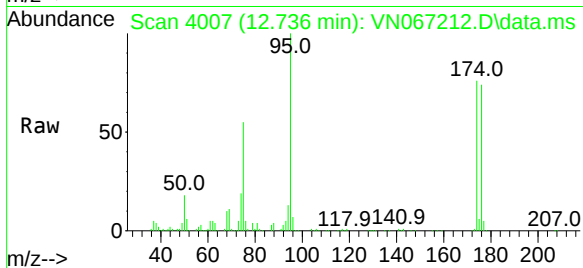




#81
trans-1,4-Dichloro-2-butene
Concen: 68.730 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.105 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

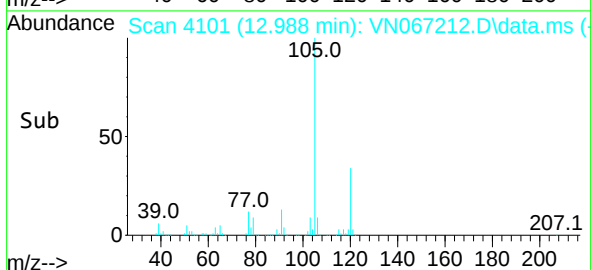
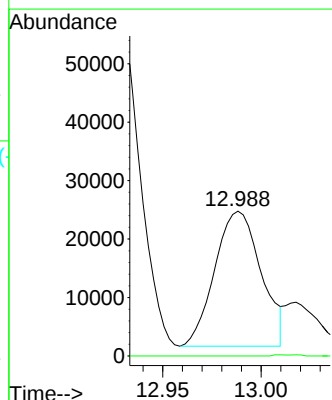
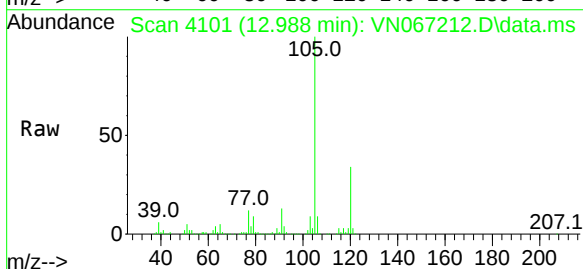
Instrument :
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ClientSampleId :
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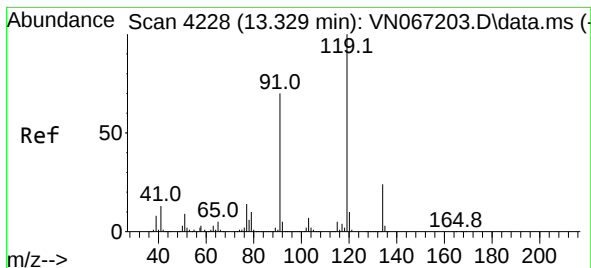
Tgt Ion: 75 Resp: 97410
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 4.069 ug/l
RT: 12.988 min Scan# 4101
Delta R.T. -0.024 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 91 Resp: 37919
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#

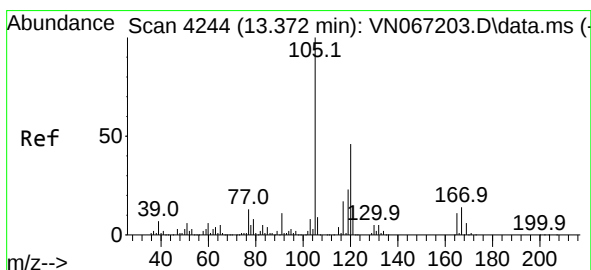
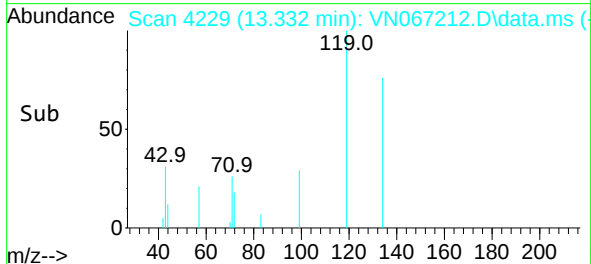
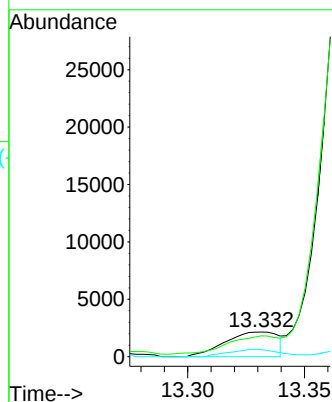
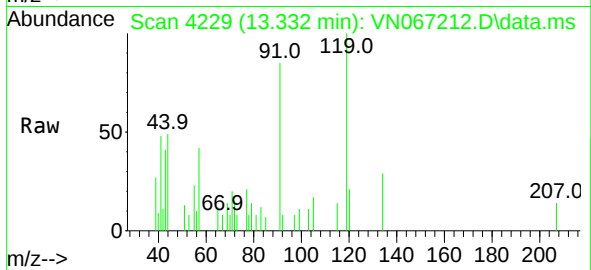




#83
tert-Butylbenzene
Concen: 0.335 ug/l
RT: 13.332 min Scan# 4229
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

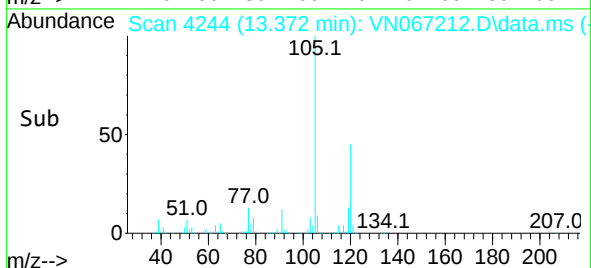
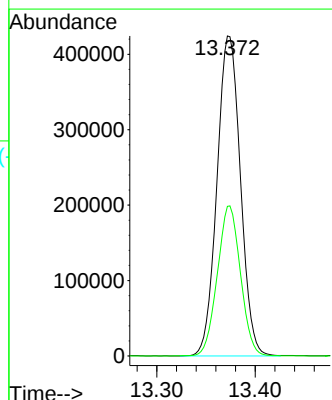
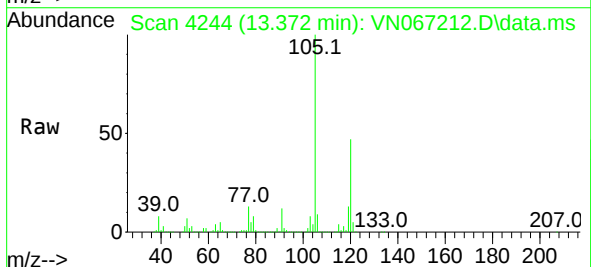
Instrument :
MSVOA_N
ClientSampleId :
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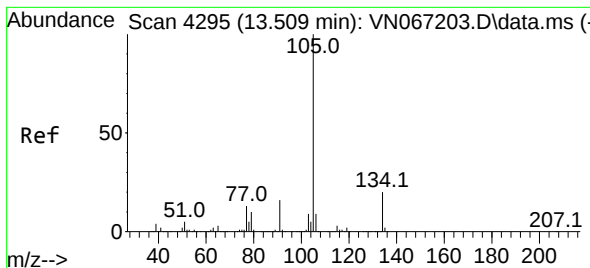
Tgt Ion:119 Resp: 3406
Ion Ratio Lower Upper
119 100
91 0.0 30.2 90.6#
134 28.6 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 59.642 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion:105 Resp: 704739
Ion Ratio Lower Upper
105 100
120 46.2 23.8 71.2

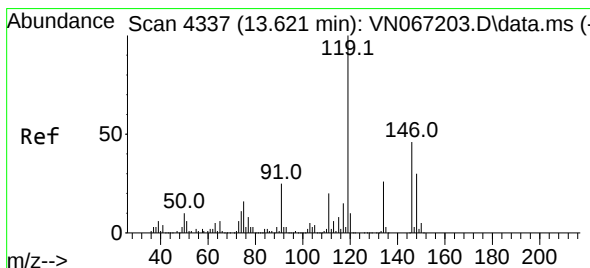
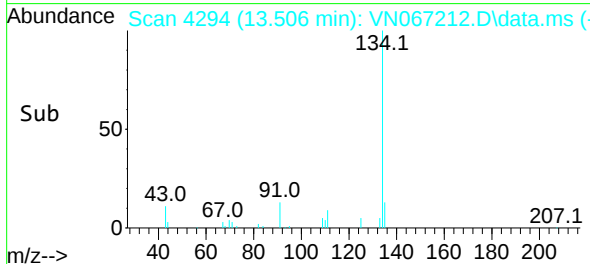
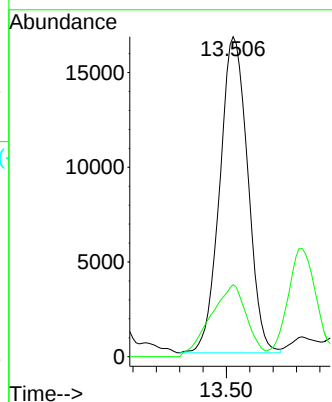
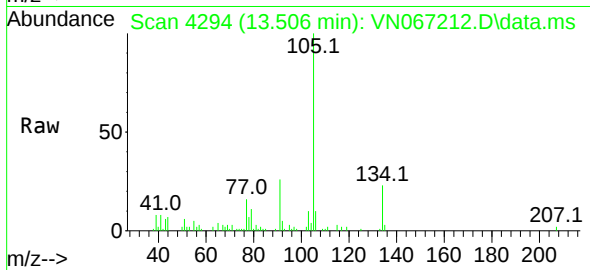




#85
 sec-Butylbenzene
 Concen: 1.967 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. -0.003 min
 Lab File: VN067212.D
 Acq: 4 Jun 2021 22:00

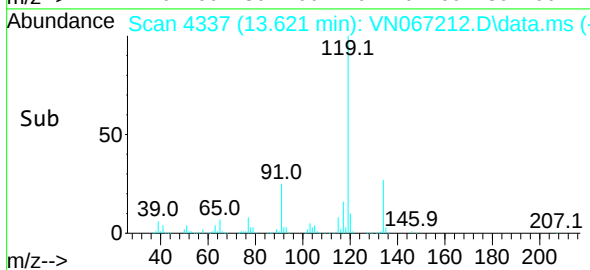
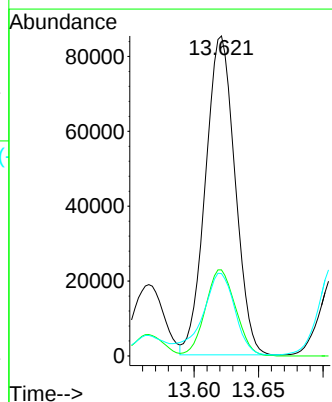
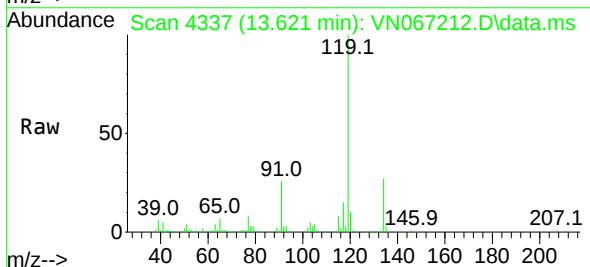
Instrument :
 MSVOA_N
 ClientSampleId :
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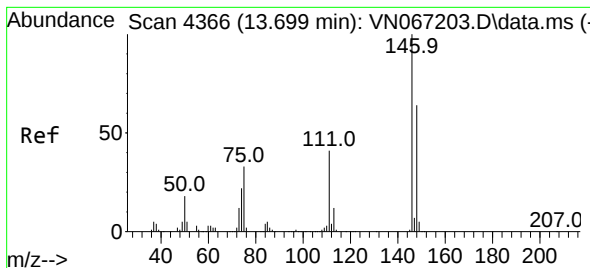
Tgt Ion:105 Resp: 27757
 Ion Ratio Lower Upper
 105 100
 134 29.4 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 10.873 ug/l
 RT: 13.621 min Scan# 4337
 Delta R.T. -0.000 min
 Lab File: VN067212.D
 Acq: 4 Jun 2021 22:00

Tgt Ion:119 Resp: 135852
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.3 39.9
 91 27.4 10.7 32.1





#88

1,4-Dichlorobenzene

Concen: 0.277 ug/l

RT: 13.699 min Scan# 4366

Delta R.T. -0.000 min

Lab File: VN067212.D

Acq: 4 Jun 2021 22:00

Tgt Ion:146 Resp: 1668

Ion Ratio Lower Upper

146 100

111 203.8 18.5 55.5#

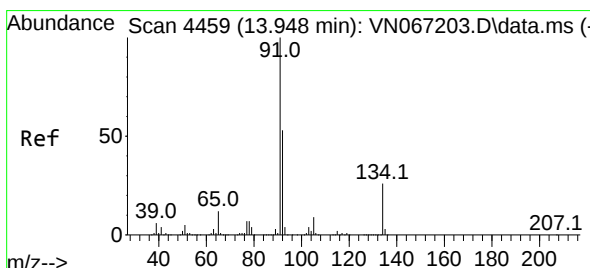
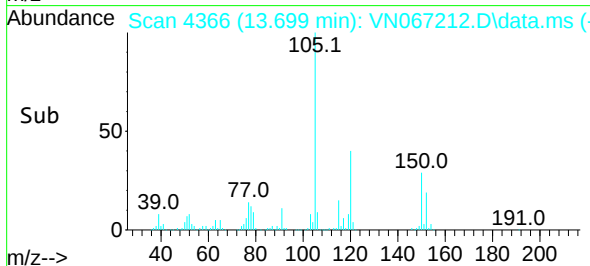
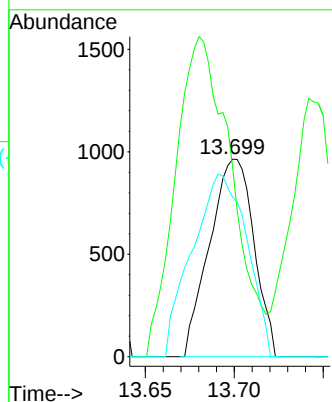
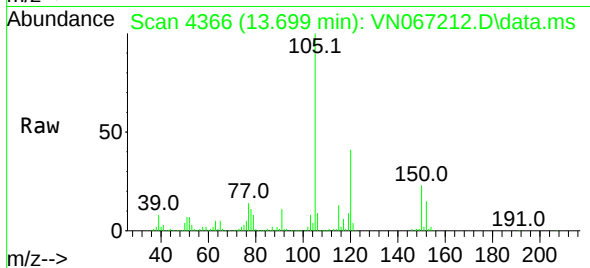
148 114.0 31.4 94.3#

Instrument :

MSVOA_N

ClientSampleId :

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#89

n-Butylbenzene

Concen: 1.094 ug/l

RT: 13.946 min Scan# 4458

Delta R.T. -0.003 min

Lab File: VN067212.D

Acq: 4 Jun 2021 22:00

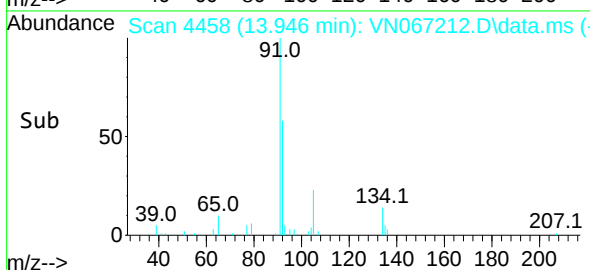
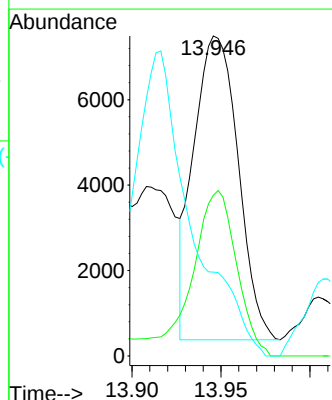
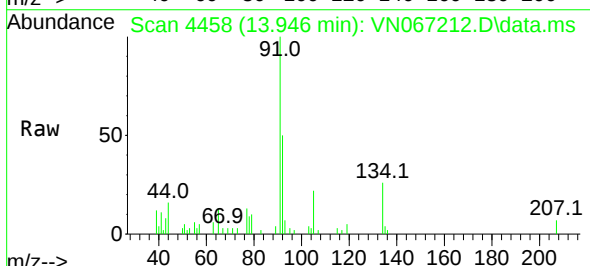
Tgt Ion: 91 Resp: 12304

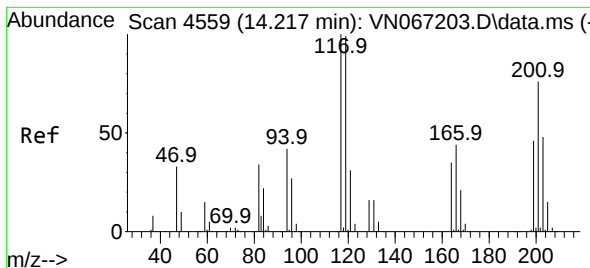
Ion Ratio Lower Upper

91 100

92 53.7 26.5 79.5

134 0.0 14.3 42.9#





#90

Hexachloroethane

Concen: 1.535 ug/l

RT: 14.219 min Scan# 4560

Delta R.T. 0.003 min

Lab File: VN067212.D

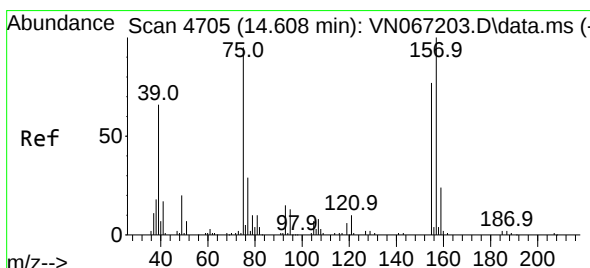
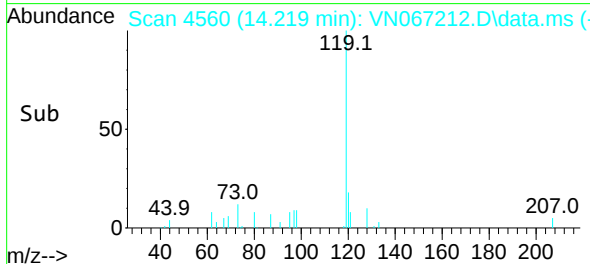
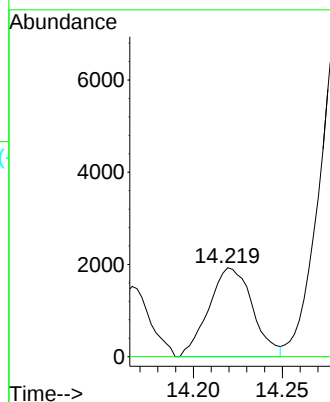
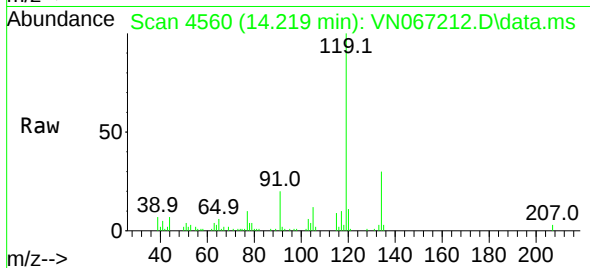
Acq: 4 Jun 2021 22:00

Tgt Ion:117 Resp: 3298

Ion Ratio Lower Upper

117 100

201 0.0 45.5 136.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.283 ug/l

RT: 14.587 min Scan# 4697

Delta R.T. -0.021 min

Lab File: VN067212.D

Acq: 4 Jun 2021 22:00

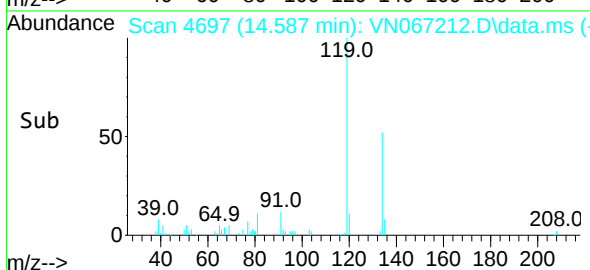
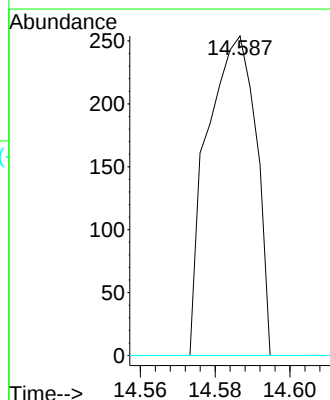
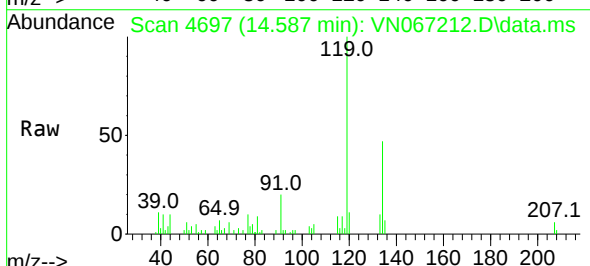
Tgt Ion: 75 Resp: 229

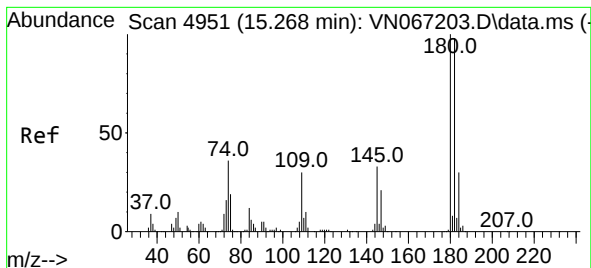
Ion Ratio Lower Upper

75 100

155 0.0 49.9 149.7#

157 0.0 63.8 191.4#

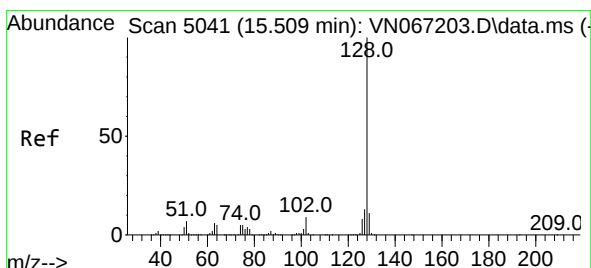
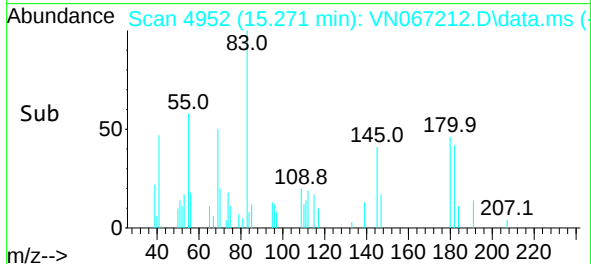
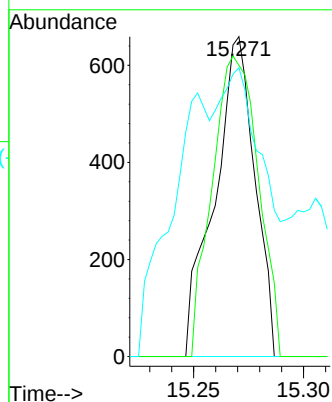
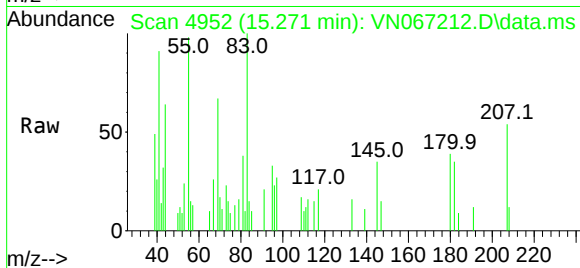




#93
1,2,4-Trichlorobenzene
Concen: 0.311 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

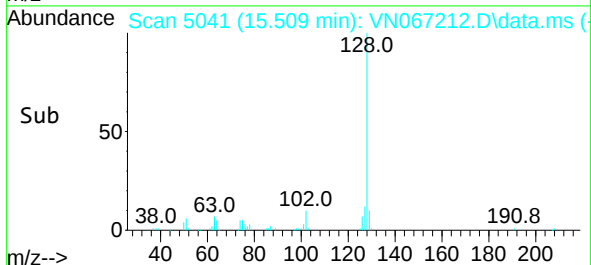
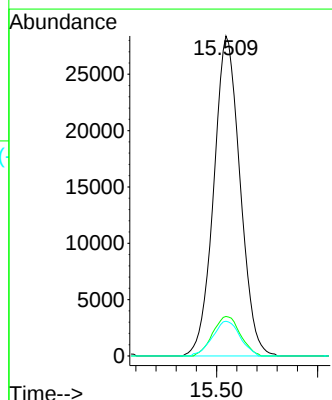
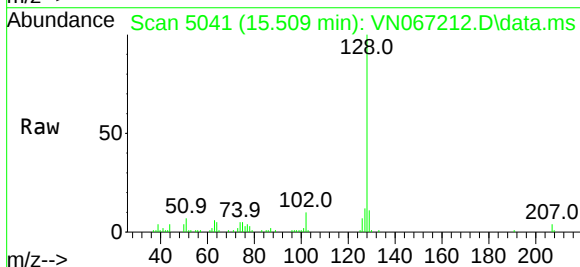
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ClientSampleId :
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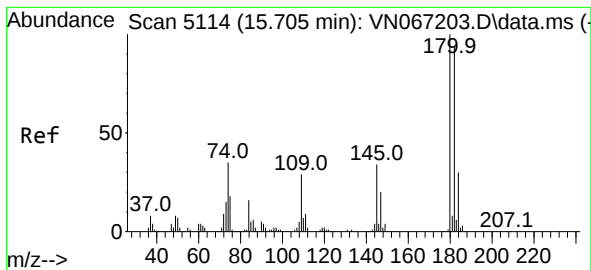
Tgt Ion:180 Resp: 840
Ion Ratio Lower Upper
180 100
182 107.7 47.3 141.8
145 82.1 14.0 42.0#



#95
Naphthalene
Concen: 10.256 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

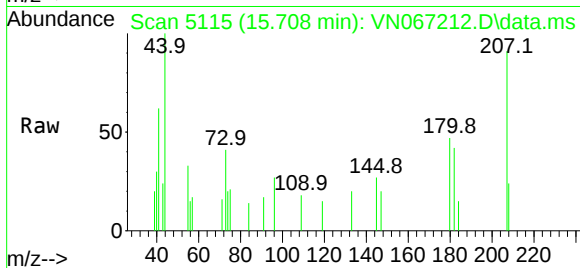
Tgt Ion:128 Resp: 51287
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.4 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.377 ug/l
 RT: 15.708 min Scan# 5115
 Delta R.T. 0.003 min
 Lab File: VN067212.D
 Acq: 4 Jun 2021 22:00

Instrument :
 MSVOA_N
 ClientSampleId :
 FOUNDATION-EXCAVATION-SAMP



Tgt Ion:180 Resp: 903
 Ion Ratio Lower Upper
 180 100
 182 83.9 48.5 145.6
 145 11.4 15.4 46.2#

