

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
 Data File : VY007149.D
 Acq On : 13 Jan 2022 19:00
 Operator : SY/MD
 Sample : N1119-04
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 14 05:54:38 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)

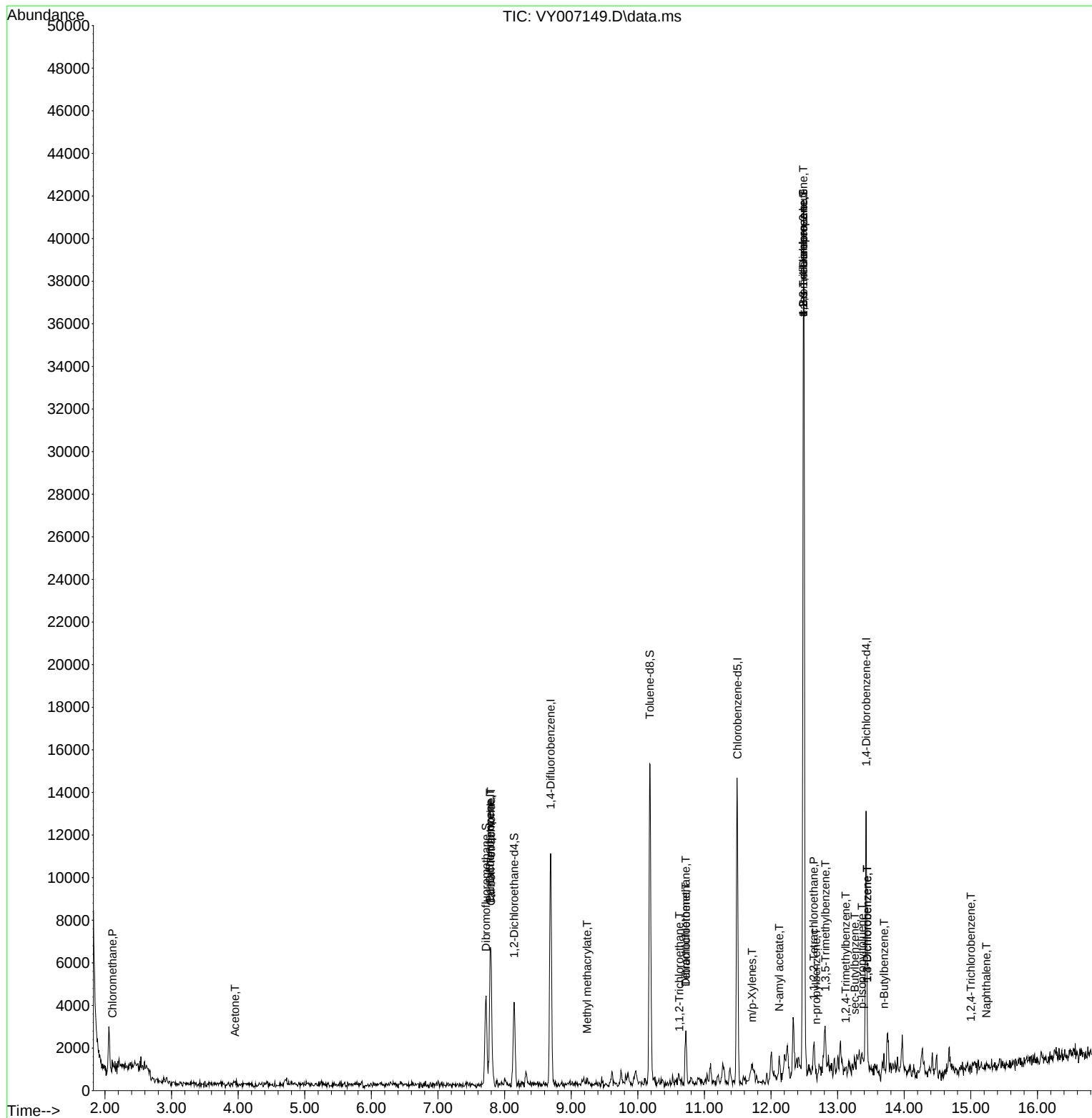
Internal Standards						
1) Pentafluorobenzene	7.783	168	5450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	10012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3238	48.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.840%
35) Dibromofluoromethane	7.722	113	2982	44.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.100%
50) Toluene-d8	10.179	98	10759	43.493	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.980%
62) 4-Bromofluorobenzene	12.483	95	3638	41.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.680%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	145	3.618	ug/l #	41
16) Acetone	3.954	43	279	16.076	ug/l #	45
36) 1,1-Dichloropropene	7.783	75	539	4.985	ug/l #	42
38) Carbon Tetrachloride	7.795	117	637	5.601	ug/l #	12
48) Methyl methacrylate	9.240	41	173	3.523	ug/l #	13
55) 1,1,2-Trichloroethane	10.624	97	138	2.346	ug/l #	16
60) Dibromochloromethane	10.721	129	530	7.329	ug/l #	11
64) Tetrachloroethene	10.721	164	531	9.646	ug/l #	83
68) m/p-Xylenes	11.715	106	207	1.775	ug/l	84
74) N-amyl acetate	12.123	43	342	5.111	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.642	83	87	1.788	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	2168	65.630	ug/l #	100
78) n-propylbenzene	12.678	91	369	1.190	ug/l #	53
80) 1,3,5-Trimethylbenzene	12.818	105	242	1.178	ug/l #	59
81) trans-1,4-Dichloro-2-b...	12.483	75	2168	120.151	ug/l #	3
84) 1,2,4-Trimethylbenzene	13.123	105	330	1.620	ug/l	80
85) sec-Butylbenzene	13.257	105	306	1.152	ug/l #	78
86) p-Isopropyltoluene	13.367	119	337	1.544	ug/l #	72
87) 1,3-Dichlorobenzene	13.446	146	135	1.267	ug/l	82
88) 1,4-Dichlorobenzene	13.446	146	135	1.260	ug/l	81
89) n-Butylbenzene	13.696	91	398	1.852	ug/l #	46
93) 1,2,4-Trichlorobenzene	15.001	180	100	1.734	ug/l #	12
95) Naphthalene	15.233	128	297	2.425	ug/l #	69

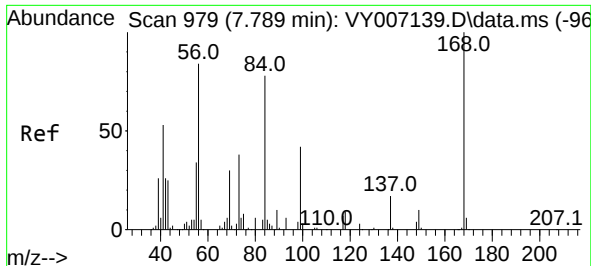
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
Data File : VY007149.D
Acq On : 13 Jan 2022 19:00
Operator : SY/MD
Sample : N1119-04
Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 14 05:54:38 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

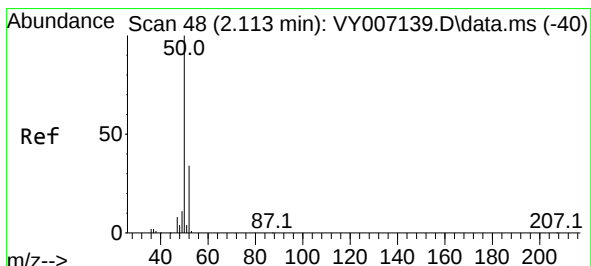
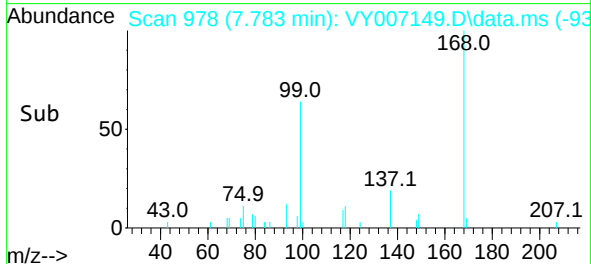
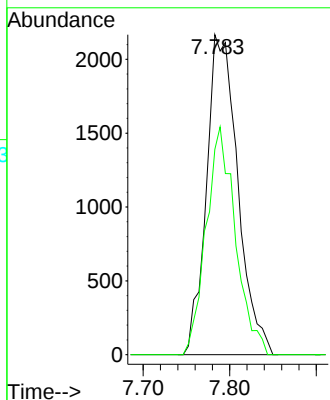
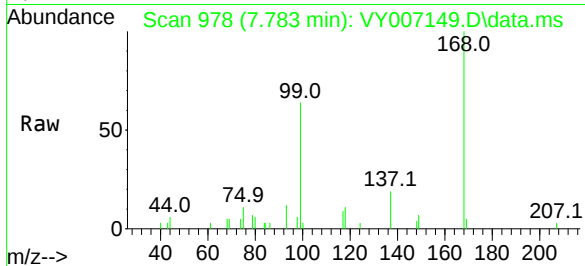




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

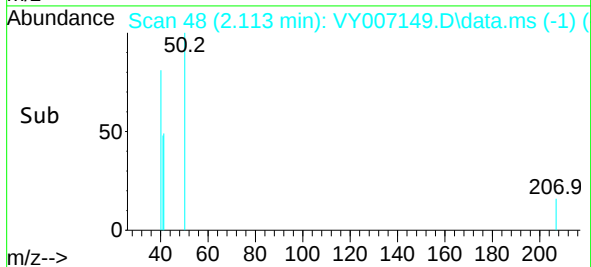
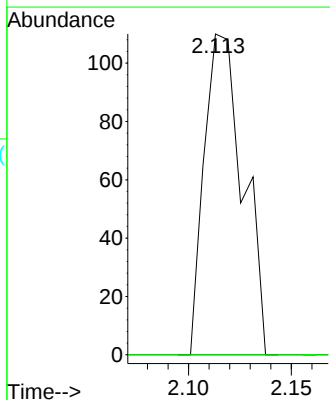
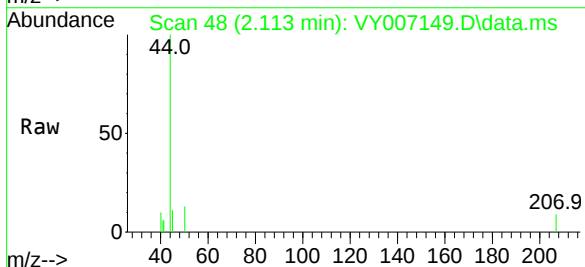
Instrument :
MSVOA_Y
ClientSampleId :
NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

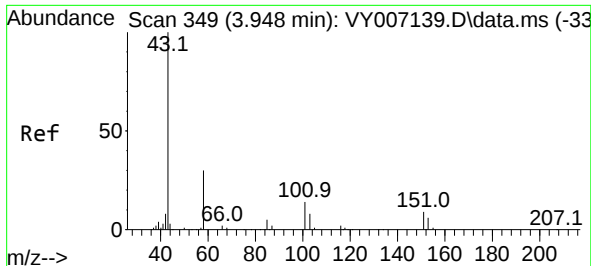
Tgt Ion:168 Resp: 5450
Ion Ratio Lower Upper
168 100
99 64.1 49.1 73.7



#3
Chloromethane
Concen: 3.618 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

Tgt Ion: 50 Resp: 145
Ion Ratio Lower Upper
50 100
52 0.0 27.1 40.7#

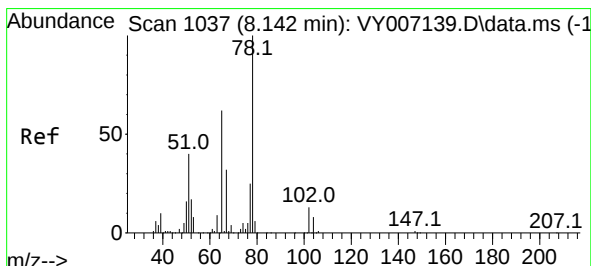
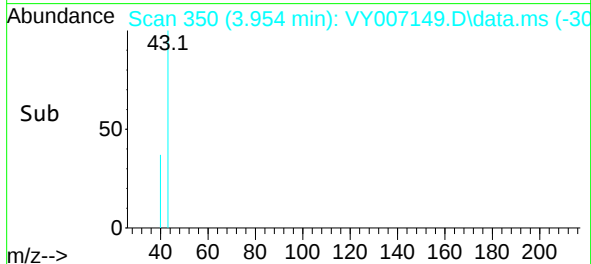
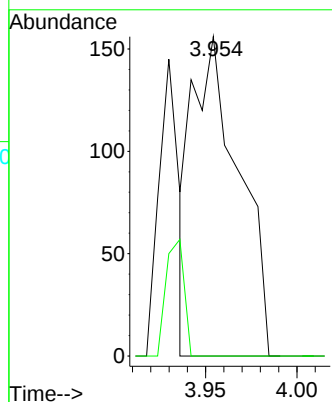
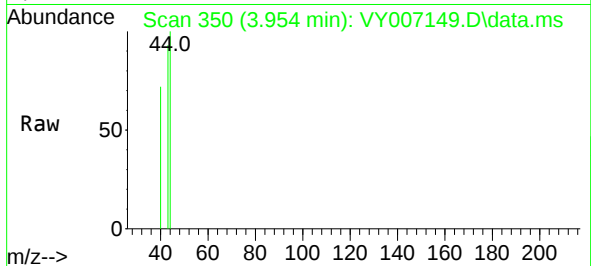




#16
Acetone
Concen: 16.076 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

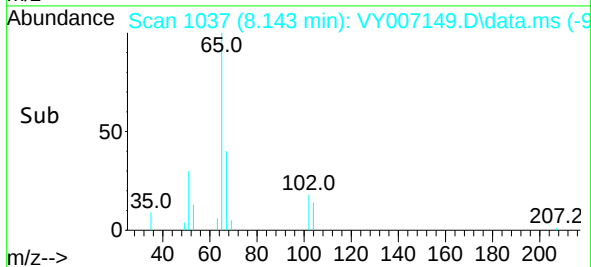
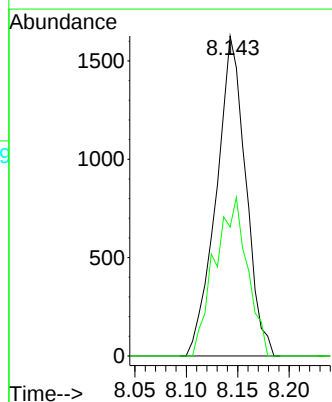
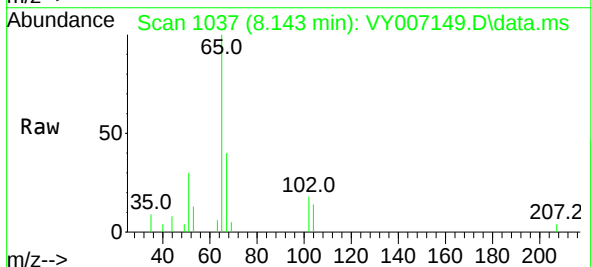
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

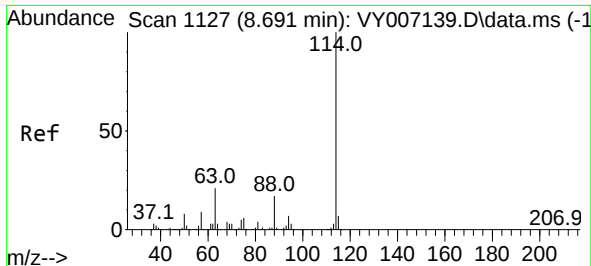
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#33
1,2-Dichloroethane-d4
Concen: 48.421 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

Tgt Ion: 65 Resp: 3238
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.6

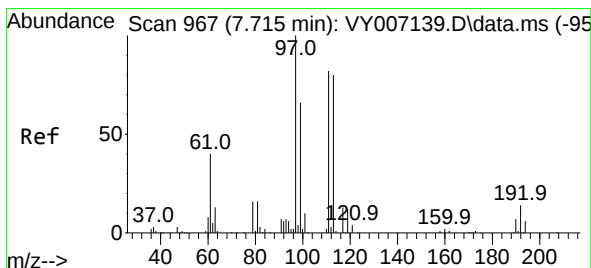
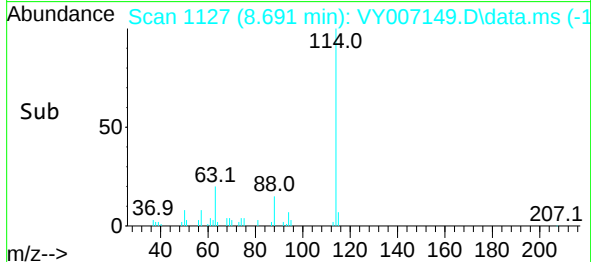
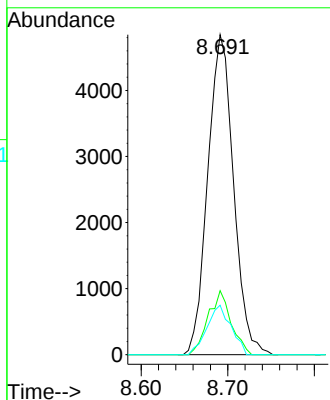
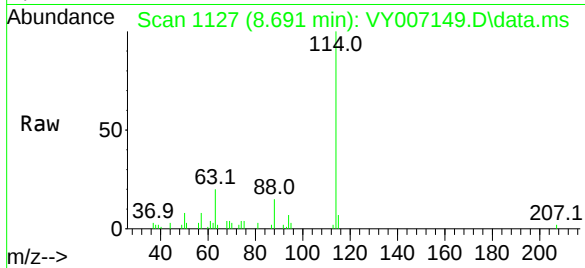




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

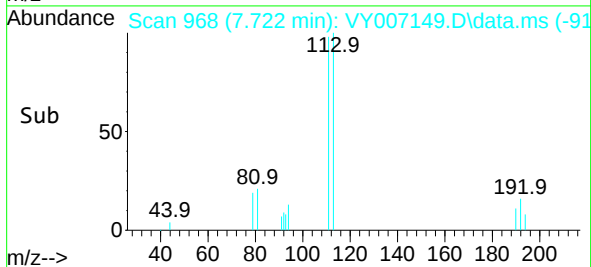
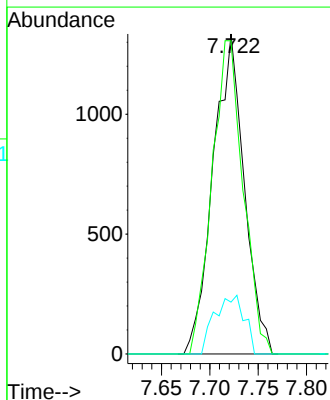
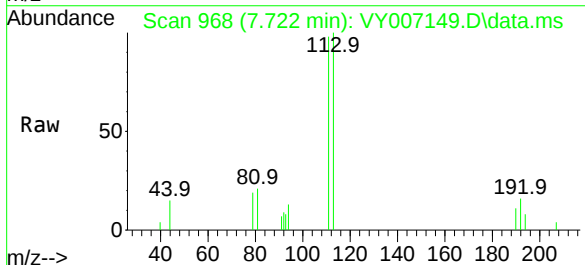
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

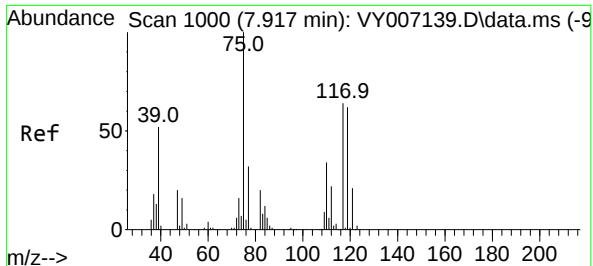
Tgt Ion:114	Resp:	10012
Ion Ratio	Lower	Upper
114	100	
63	20.0	0.0 39.2
88	15.4	0.0 31.0



#35
Dibromofluoromethane
Concen: 44.047 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

Tgt Ion:113	Resp:	2982
Ion Ratio	Lower	Upper
113	100	
111	98.1	82.2 123.4
192	17.4	14.2 21.4

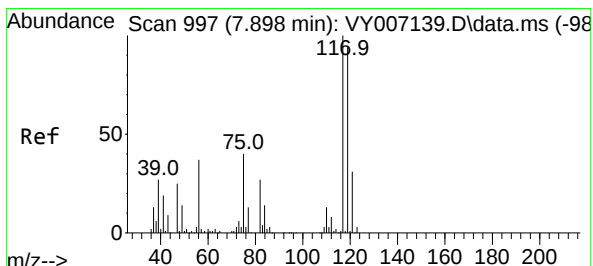
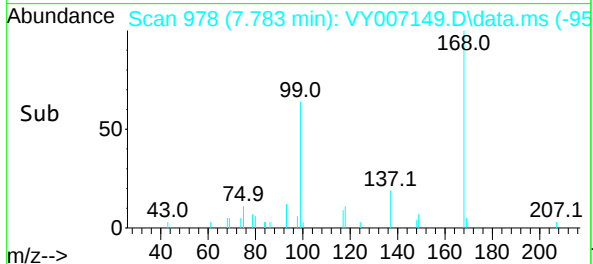
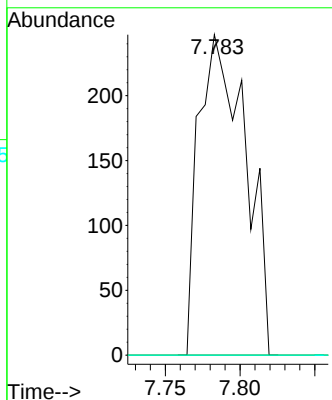
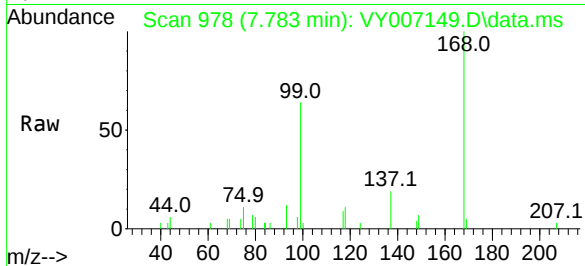




#36
1,1-Dichloropropene
Concen: 4.985 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

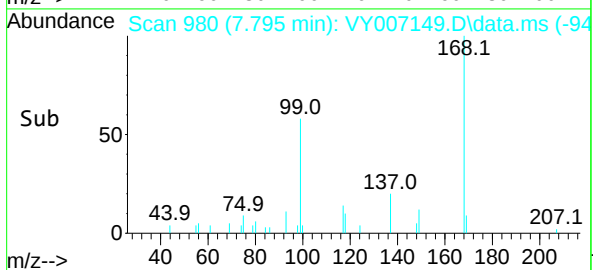
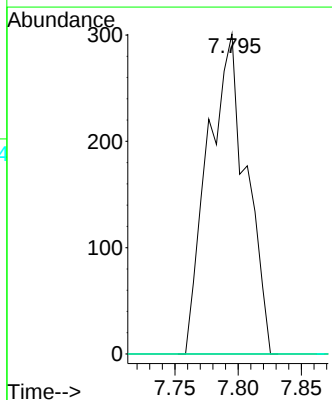
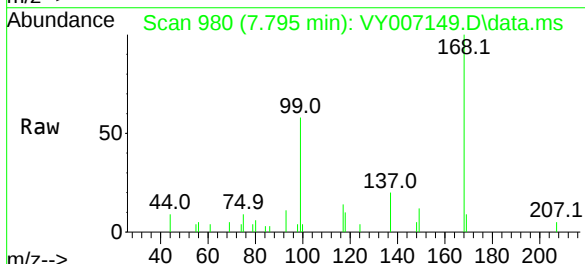
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

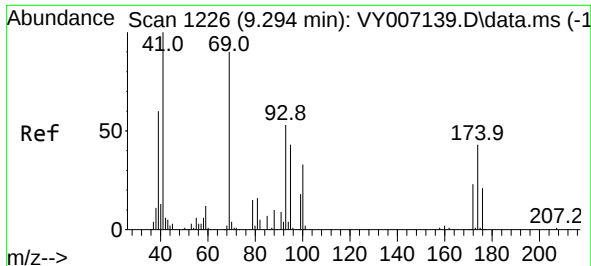
Tgt Ion: 75 Resp: 539
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.601 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.103 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

Tgt Ion: 117 Resp: 637
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.2 36.2#





#48

Methyl methacrylate

Concen: 3.523 ug/l

RT: 9.240 min Scan# 11

Delta R.T. -0.055 min

Lab File: VY007149.D

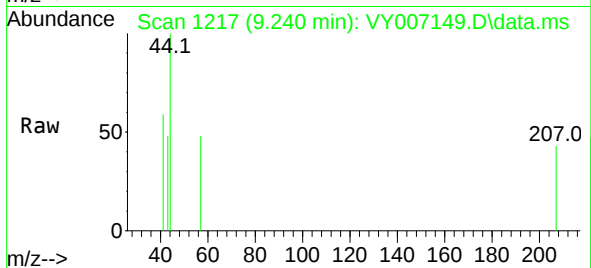
Acq: 13 Jan 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL



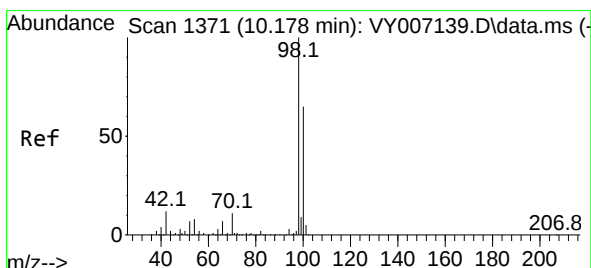
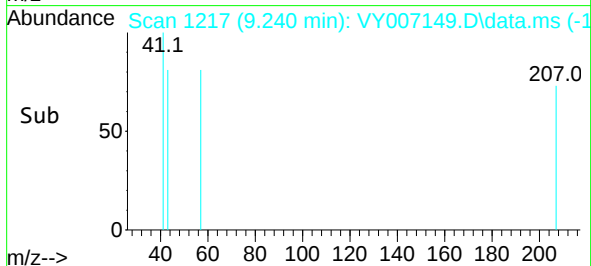
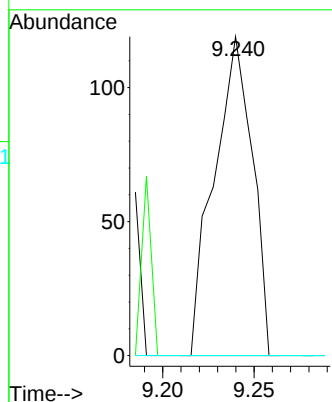
Tgt Ion: 41 Resp: 173

Ion Ratio Lower Upper

41 100

69 0.0 70.5 105.7#

39 0.0 43.8 65.8#



#50

Toluene-d8

Concen: 43.493 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY007149.D

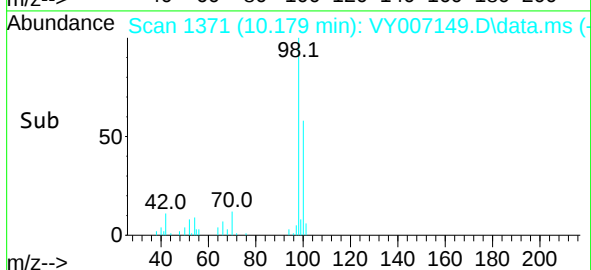
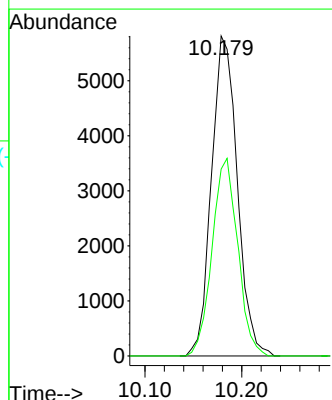
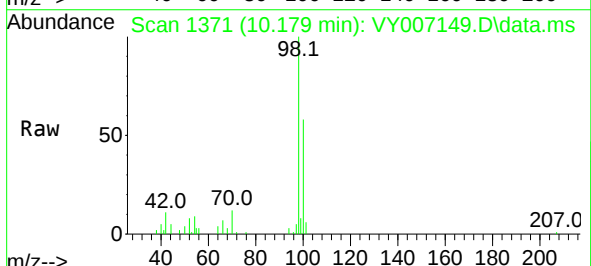
Acq: 13 Jan 2022 19:00

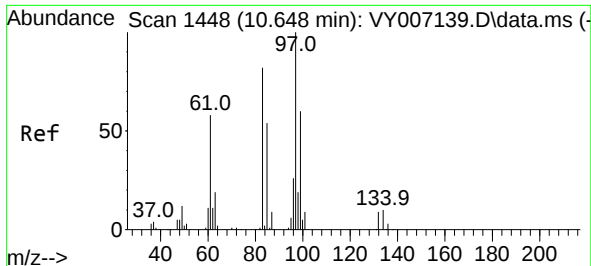
Tgt Ion: 98 Resp: 10759

Ion Ratio Lower Upper

98 100

100 61.3 52.2 78.2

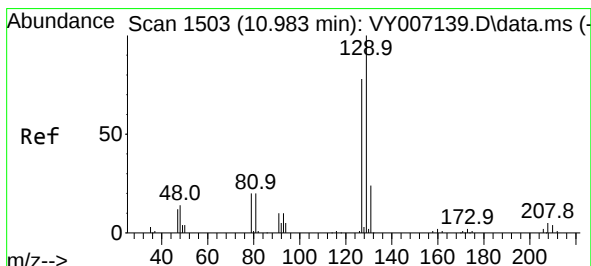
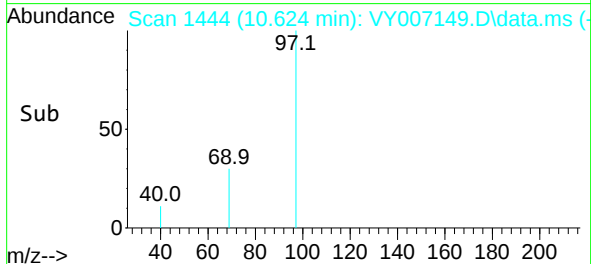
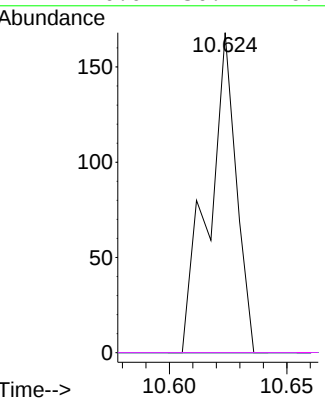
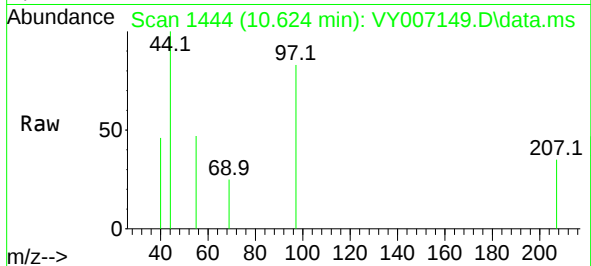




#55
1,1,2-Trichloroethane
Concen: 2.346 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

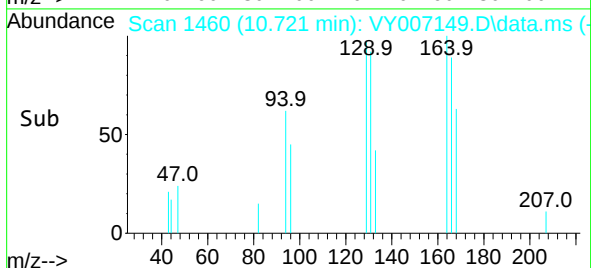
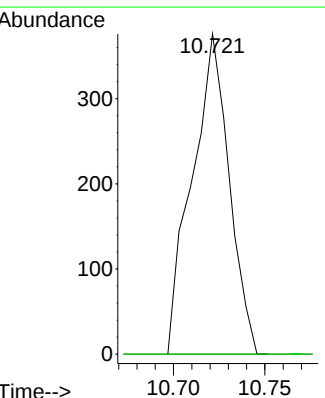
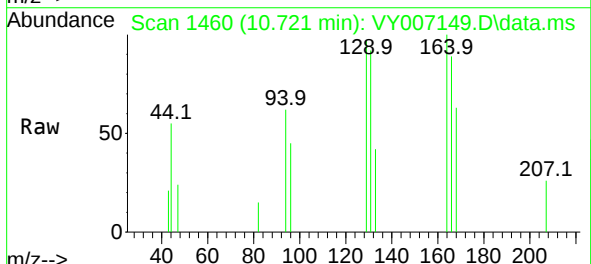
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

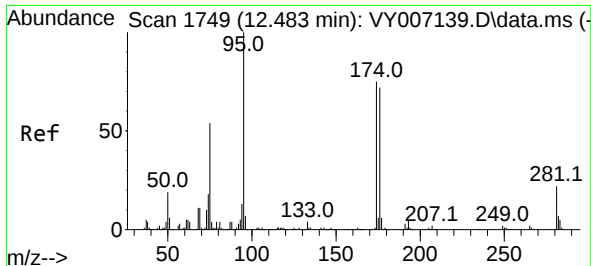
Tgt Ion: 97	Resp:	138
Ion	Ratio	Lower Upper
97	100	
83	0.0	67.0 100.4#
85	0.0	41.2 61.8#
99	0.0	50.7 76.1#



#60
Dibromochloromethane
Concen: 7.329 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

Tgt Ion: 129	Resp:	530
Ion	Ratio	Lower Upper
129	100	
127	0.0	38.9 116.6#

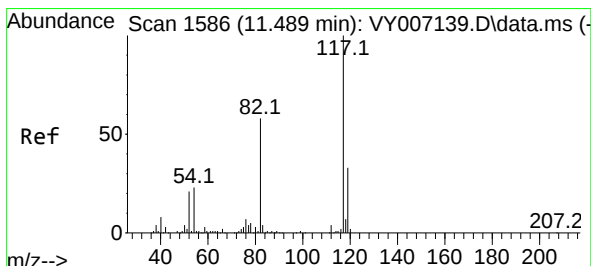
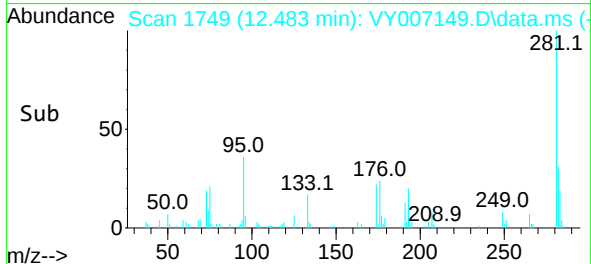
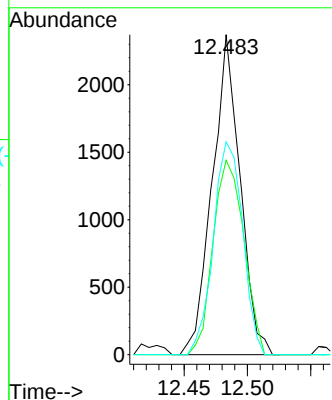
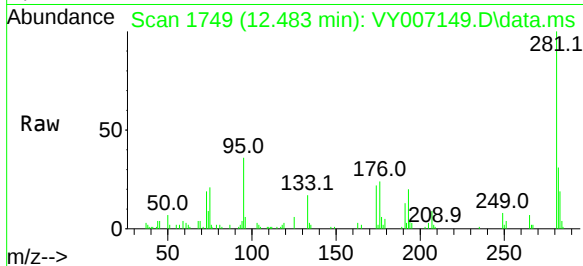




#62
4-Bromofluorobenzene
Concen: 41.344 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

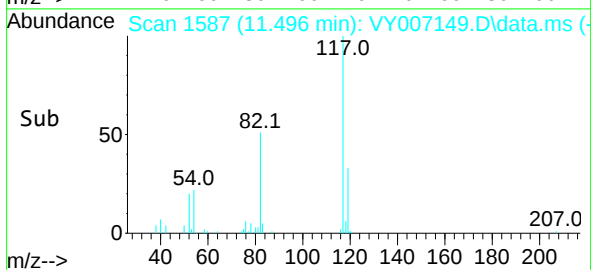
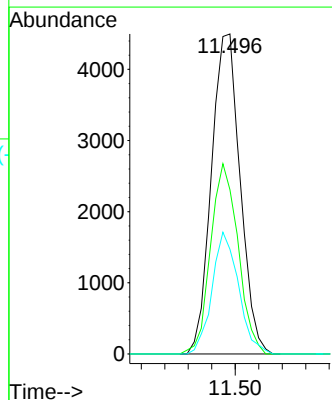
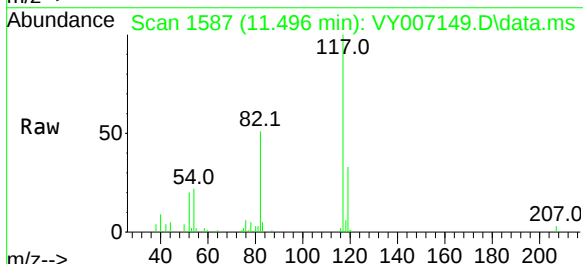
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

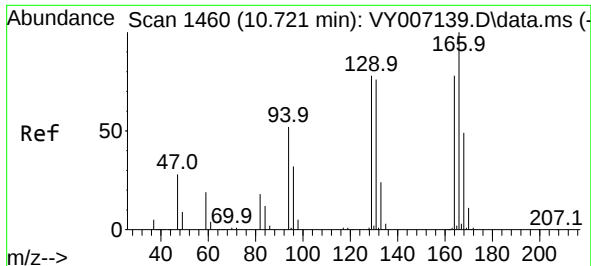
Tgt Ion:	95	Resp:	3638
Ion Ratio	Lower	Upper	
95	100		
174	67.2	0.0	148.4
176	69.8	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

Tgt Ion:	117	Resp:	7637
Ion Ratio	Lower	Upper	
117	100		
82	51.3	45.4	68.0
119	32.7	26.4	39.6

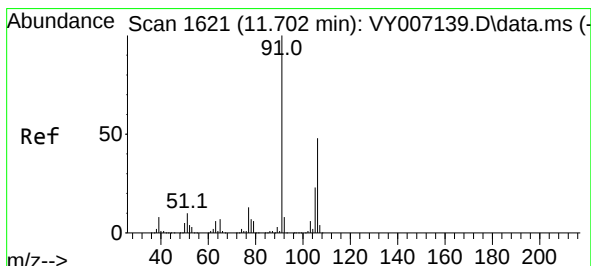
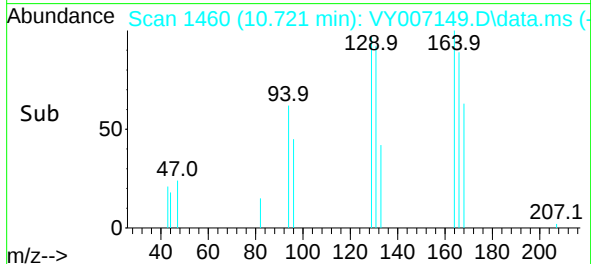
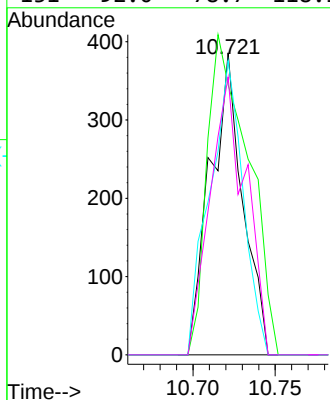
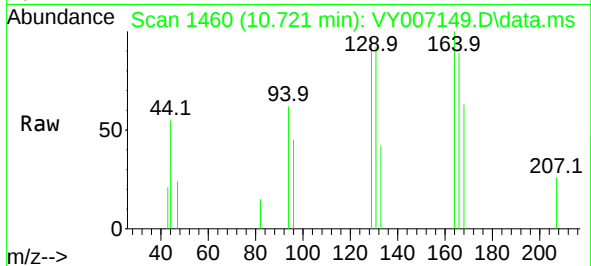




#64
Tetrachloroethene
Concen: 9.646 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

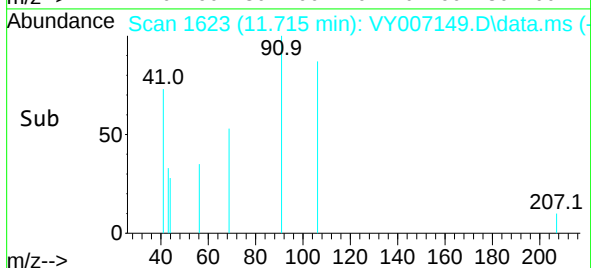
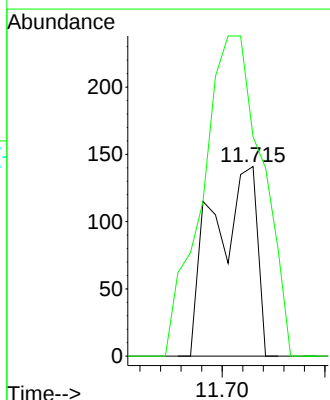
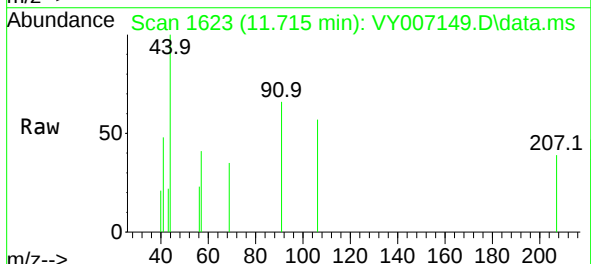
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

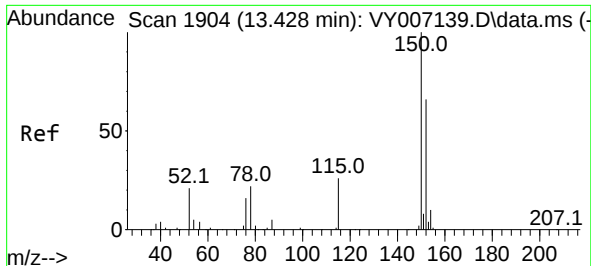
Tgt Ion:164	Resp:	531
Ion Ratio	Lower	Upper
164	100	
166	89.4	102.6 154.0#
129	97.4	84.6 127.0
131	92.0	78.7 118.1



#68
m/p-Xylenes
Concen: 1.775 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.013 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

Tgt Ion:106	Resp:	207
Ion Ratio	Lower	Upper
106	100	
91	233.3	167.1 250.7

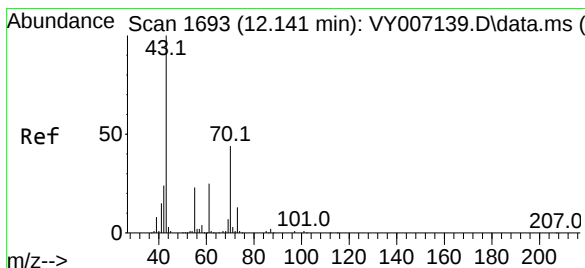
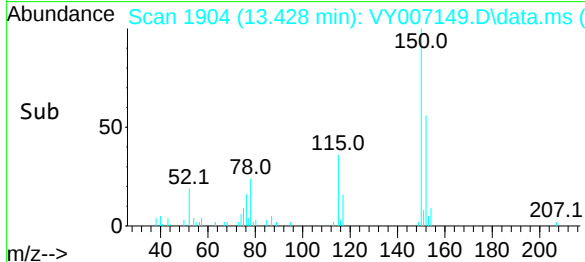
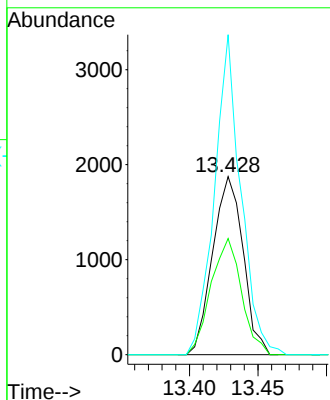
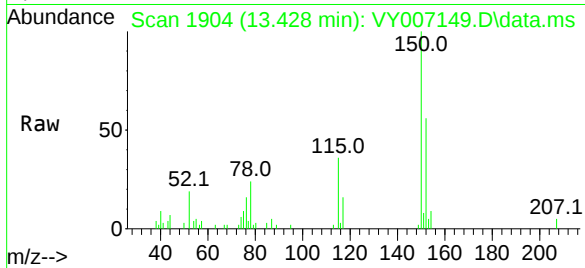




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

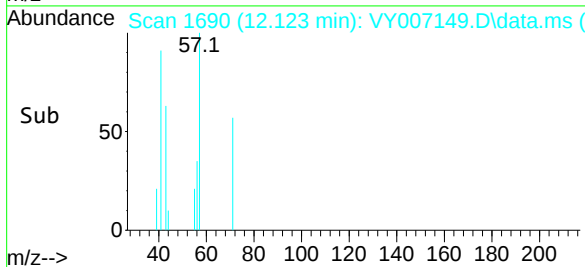
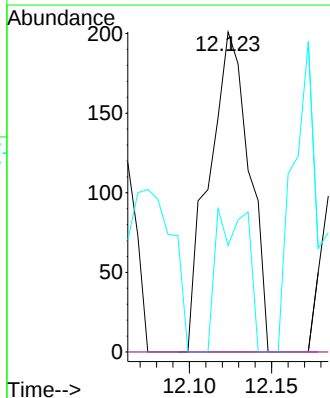
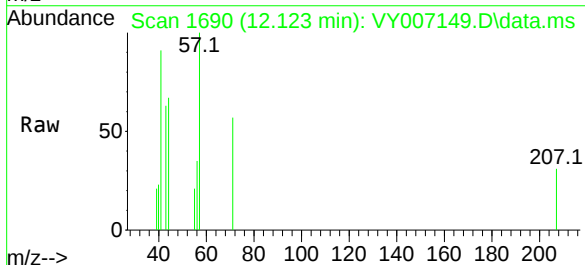
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

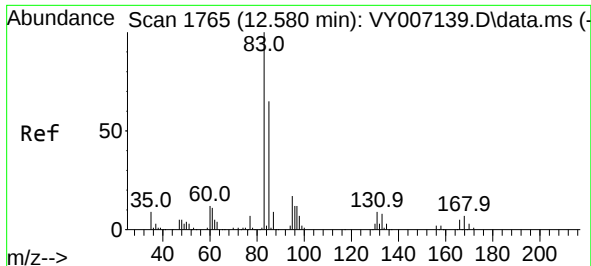
Tgt Ion:152 Resp: 2897
Ion Ratio Lower Upper
152 100
115 65.6 31.4 94.0
150 155.9 0.0 348.4



#74
N-ethyl acetate
Concen: 5.111 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

Tgt Ion: 43 Resp: 342
Ion Ratio Lower Upper
43 100
70 0.0 36.2 54.4#
55 35.1 19.0 28.4#
61 0.0 20.4 30.6#

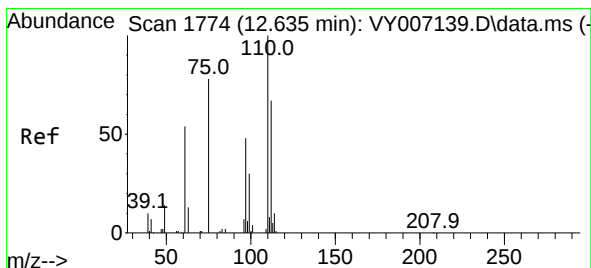
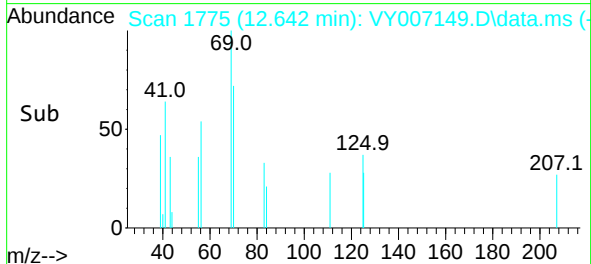
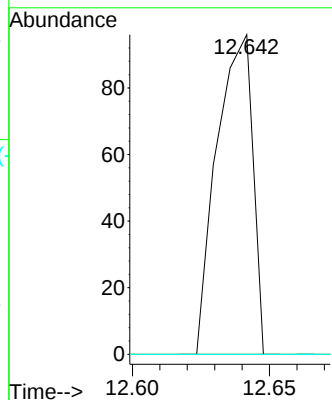
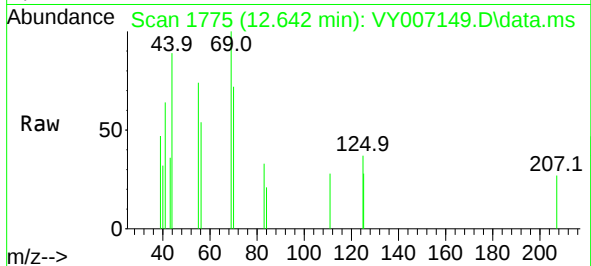




#75
1,1,2,2-Tetrachloroethane
Concen: 1.788 ug/l
RT: 12.642 min Scan# 1749
Delta R.T. 0.061 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

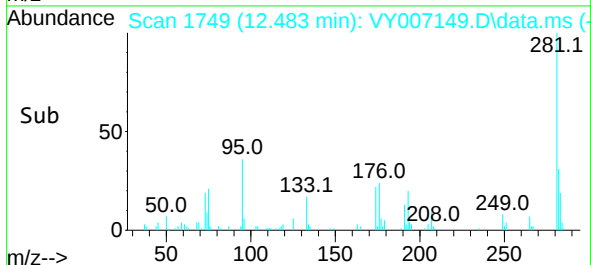
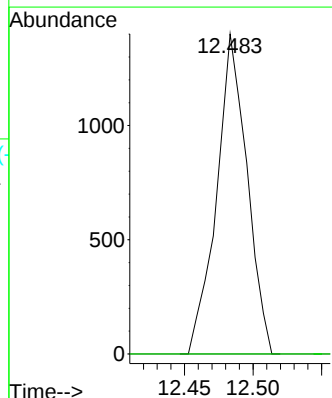
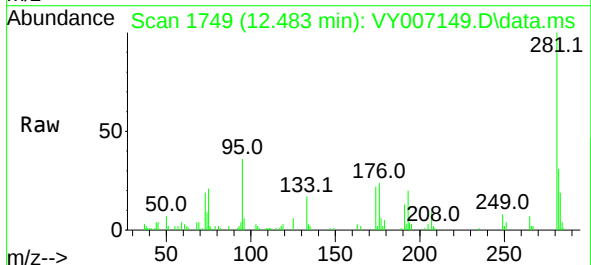
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

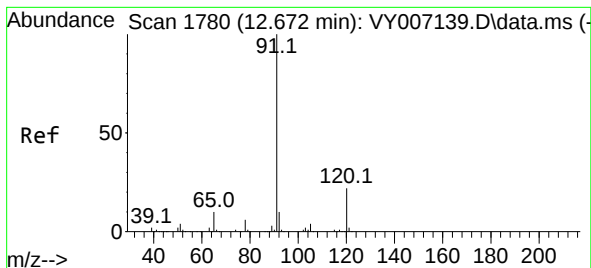
Tgt Ion: 83 Resp: 87
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 65.630 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

Tgt Ion: 75 Resp: 2168
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 1.190 ug/l

RT: 12.678 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007149.D

Acq: 13 Jan 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

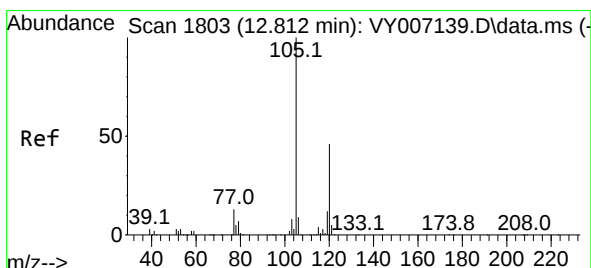
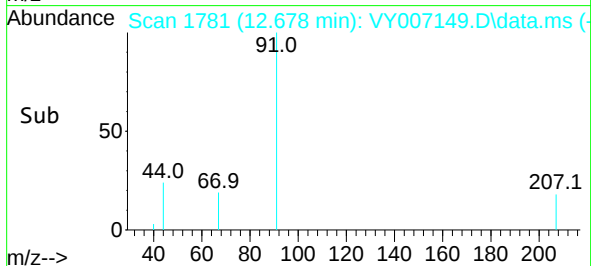
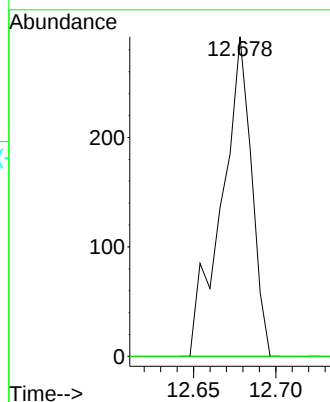
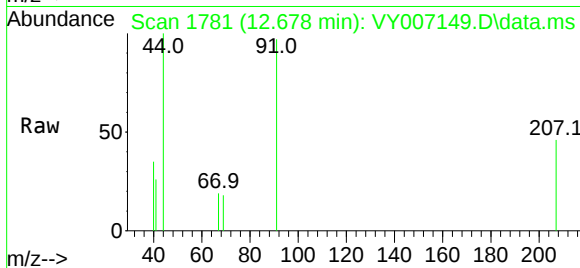
NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

Tgt Ion: 91 Resp: 369

Ion Ratio Lower Upper

91 100

120 0.0 11.2 33.5#



#80

1,3,5-Trimethylbenzene

Concen: 1.178 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY007149.D

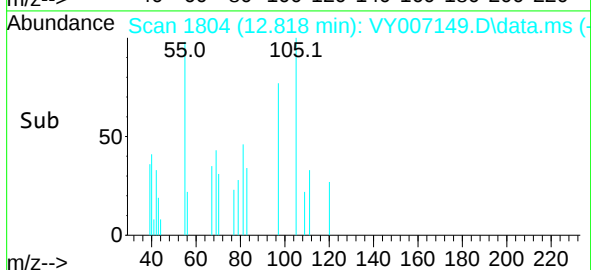
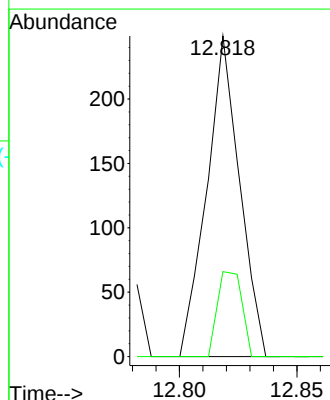
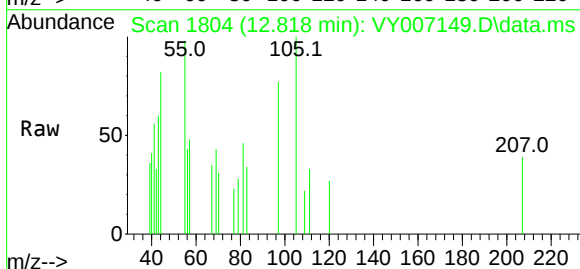
Acq: 13 Jan 2022 19:00

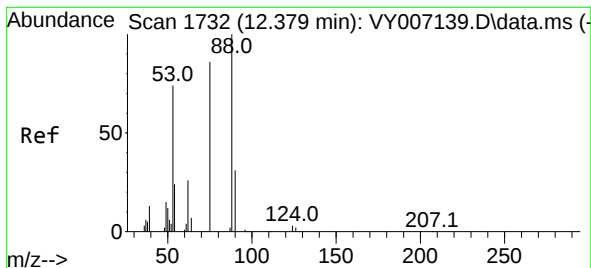
Tgt Ion: 105 Resp: 242

Ion Ratio Lower Upper

105 100

120 19.8 23.7 71.1#

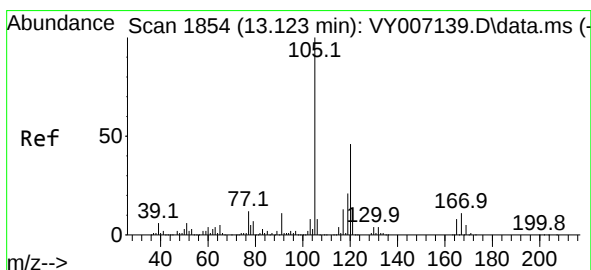
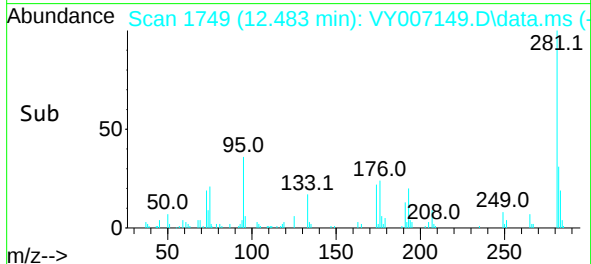
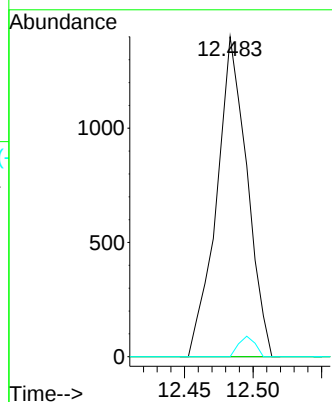
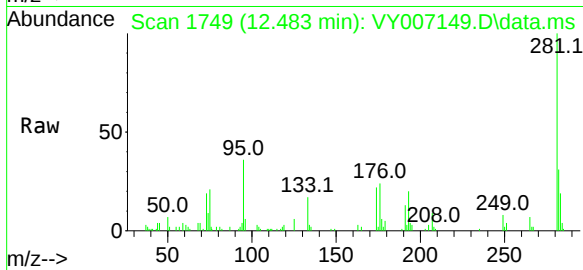




#81
trans-1,4-Dichloro-2-butene
Concen: 120.151 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

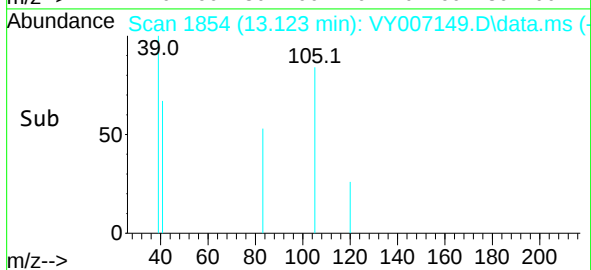
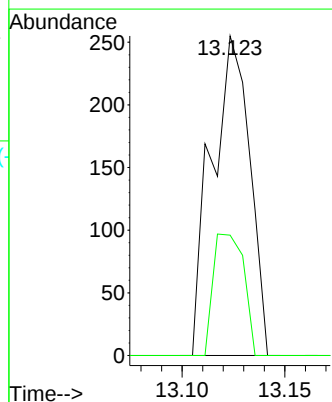
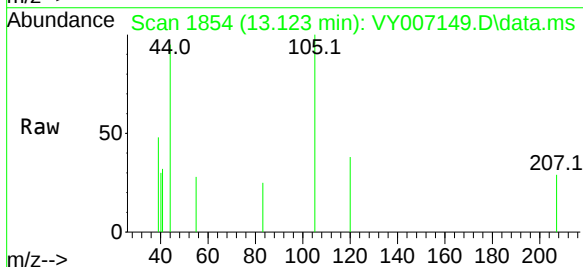
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

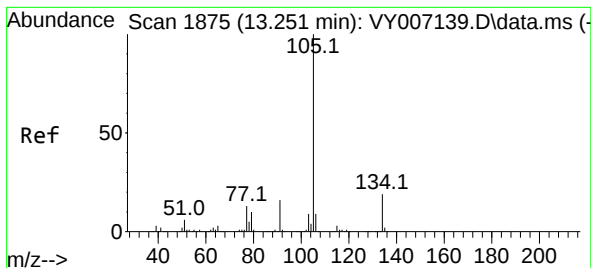
Tgt Ion: 75 Resp: 2168
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 3.5 0.0 0.0#



#84
1,2,4-Trimethylbenzene
Concen: 1.620 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

Tgt Ion:105 Resp: 330
Ion Ratio Lower Upper
105 100
120 30.3 21.6 64.6





#85

sec-Butylbenzene

Concen: 1.152 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY007149.D

Acq: 13 Jan 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

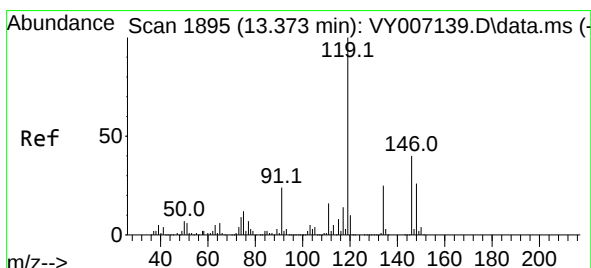
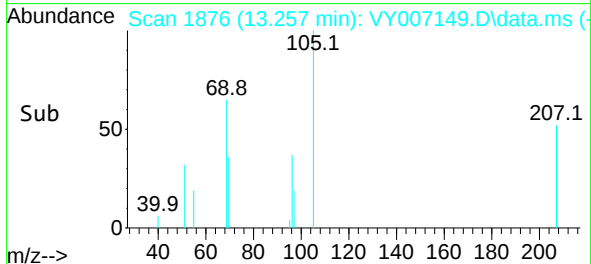
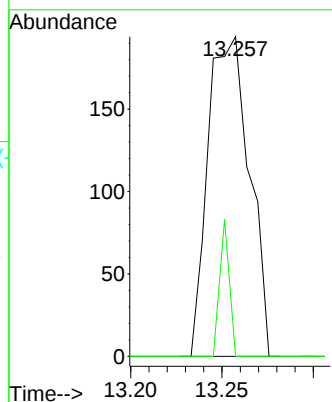
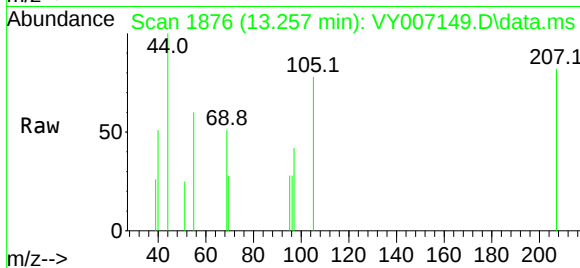
NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

Tgt Ion:105 Resp: 306

Ion Ratio Lower Upper

105 100

134 9.8 9.9 29.7#



#86

p-Isopropyltoluene

Concen: 1.544 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY007149.D

Acq: 13 Jan 2022 19:00

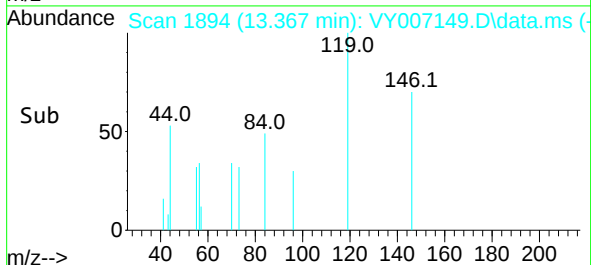
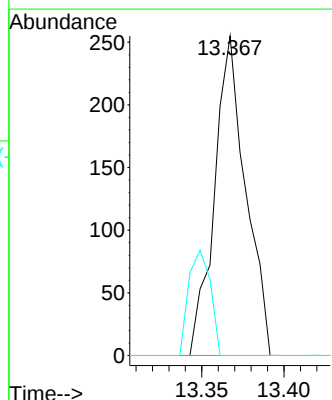
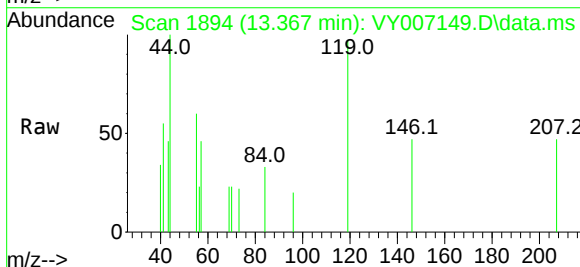
Tgt Ion:119 Resp: 337

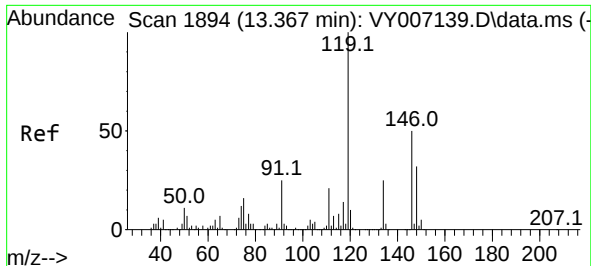
Ion Ratio Lower Upper

119 100

134 0.0 12.9 38.7#

91 22.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 1.267 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.080 min

Lab File: VY007149.D

Acq: 13 Jan 2022 19:00

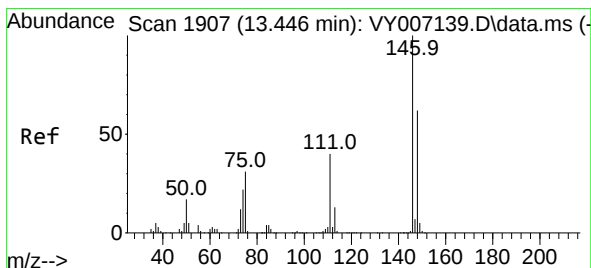
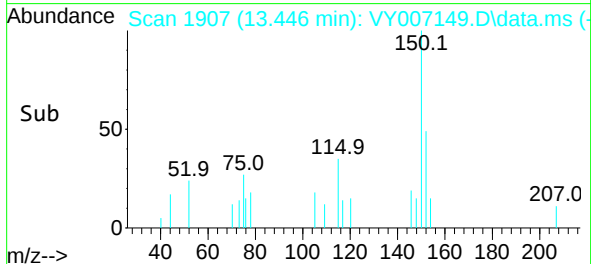
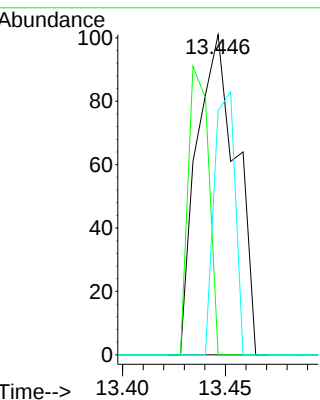
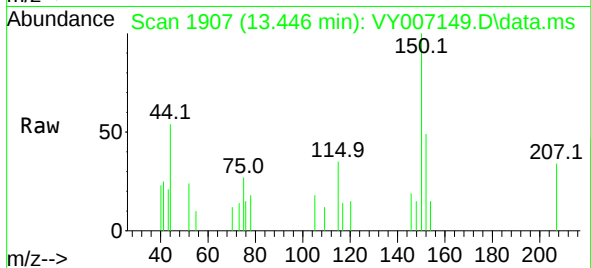
Instrument :

MSVOA_Y

ClientSampleId :

NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

Tgt Ion:146	Resp:	135
Ion Ratio	Lower	Upper
146	100	
111	46.7	21.1 63.1
148	43.7	31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 1.260 ug/l

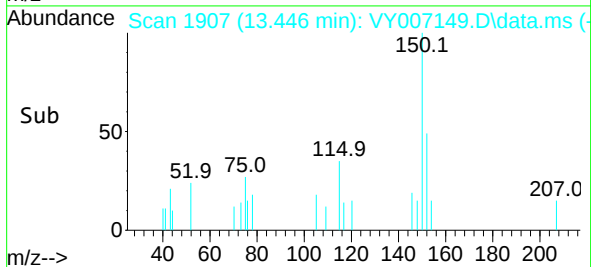
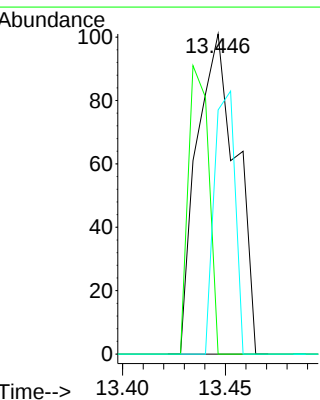
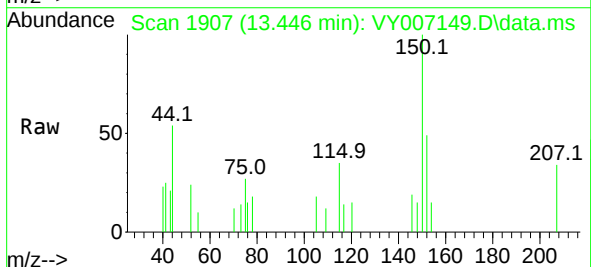
RT: 13.446 min Scan# 1907

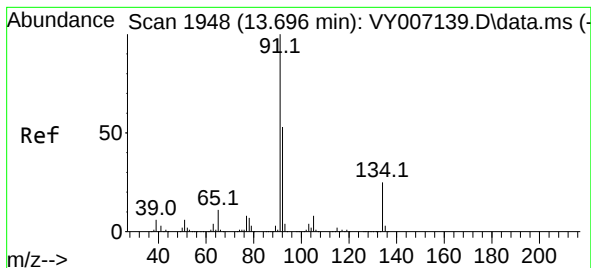
Delta R.T. 0.000 min

Lab File: VY007149.D

Acq: 13 Jan 2022 19:00

Tgt Ion:146	Resp:	135
Ion Ratio	Lower	Upper
146	100	
111	46.7	20.7 62.1
148	43.7	32.0 96.2





#89

n-Butylbenzene

Concen: 1.852 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY007149.D

Acq: 13 Jan 2022 19:00

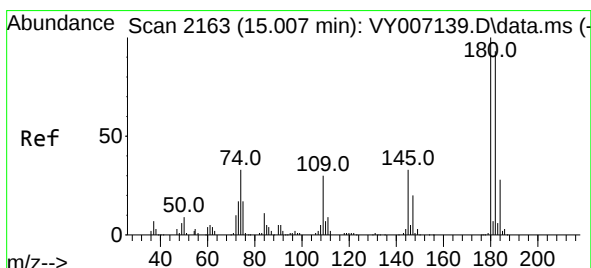
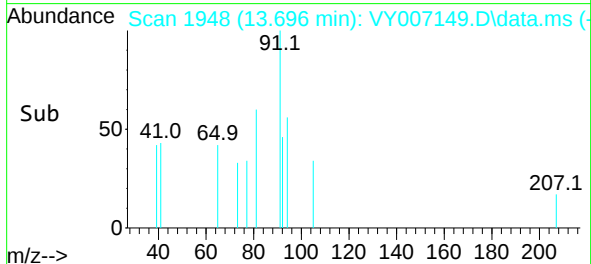
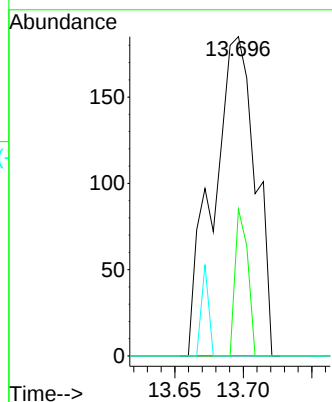
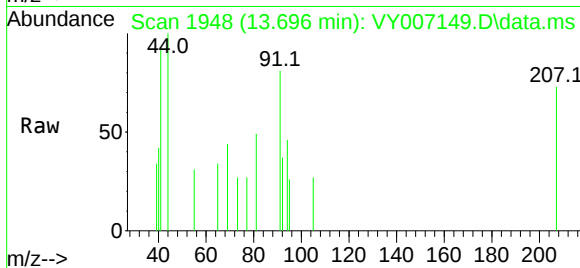
Instrument :

MSVOA_Y

ClientSampleId :

NORTH-EAST-CORNER-EXCAVATION-EAST-SIDEWALL

Tgt Ion:	91	Resp:	398
Ion	Ratio	Lower	Upper
91	100		
92	13.8	26.9	80.6#
134	0.0	12.6	37.6#



#93

1,2,4-Trichlorobenzene

Concen: 1.734 ug/l

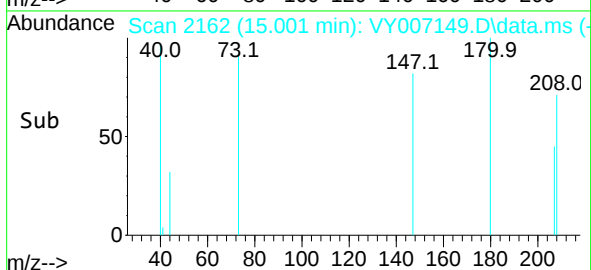
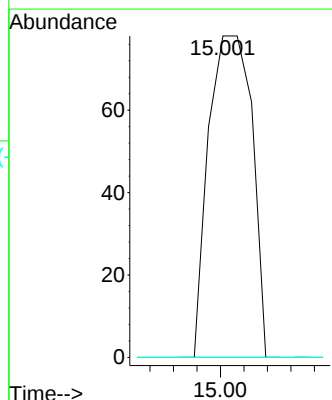
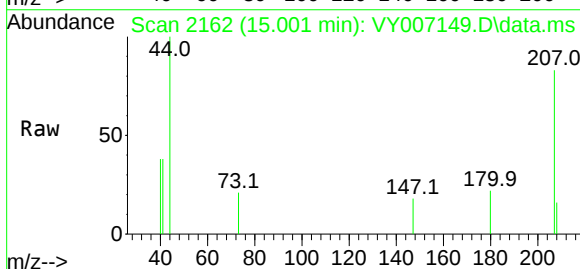
RT: 15.001 min Scan# 2162

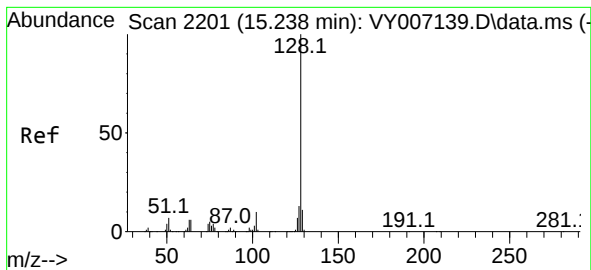
Delta R.T. -0.006 min

Lab File: VY007149.D

Acq: 13 Jan 2022 19:00

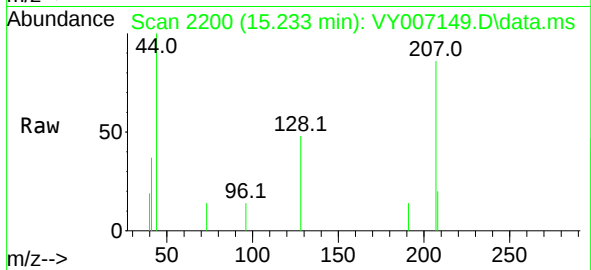
Tgt Ion:	180	Resp:	100
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.6	142.8#
145	0.0	16.4	49.1#





#95
Naphthalene
Concen: 2.425 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY007149.D
Acq: 13 Jan 2022 19:00

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



Tgt Ion:128 Resp: 297
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.9 13.3#

