

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026780.D
 Acq On : 07 Feb 2022 13:34
 Operator : JC/MD
 Sample : N1417-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PIT-11-DEWATERING

Quant Time: Feb 07 23:28:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

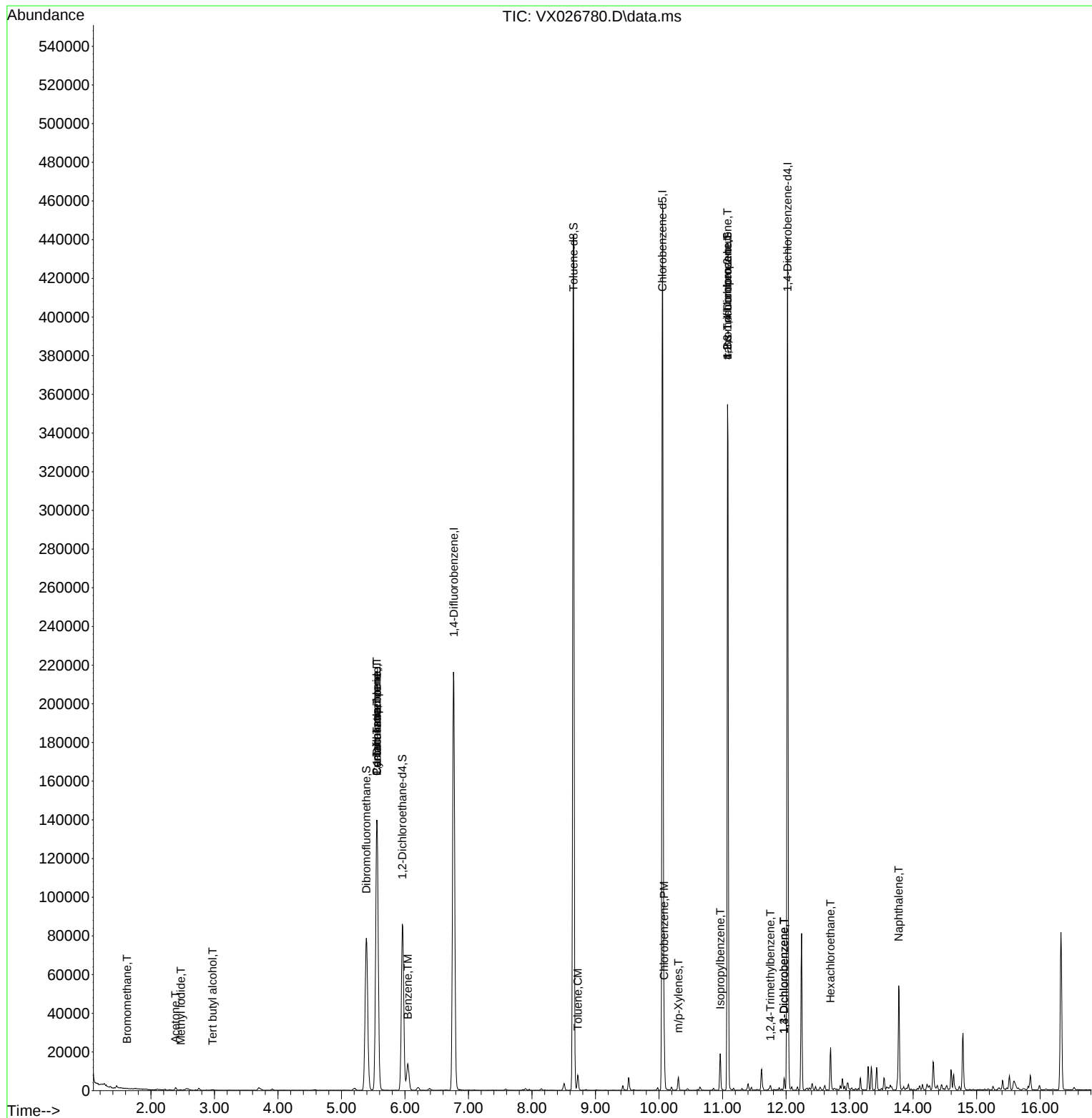
Internal Standards						
1) Pentafluorobenzene	5.556	168	135590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84099	44.401	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.800%		
35) Dibromofluoromethane	5.391	113	70302	48.355	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	8.653	98	263355	50.267	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.540%		
62) 4-Bromofluorobenzene	11.079	95	96672	51.943	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.880%		
Target Compounds						Qvalue
5) Bromomethane	1.624	94	197	0.277	ug/l	82
10) Methyl Iodide	2.471	142	272	4.600	ug/l #	63
11) Tert butyl alcohol	2.971	59	404	1.533	ug/l #	75
16) Acetone	2.386	43	1604	1.661	ug/l #	88
31) Cyclohexane	5.556	56	2637	0.944	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	10191	4.440	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13707	5.806	ug/l #	17
40) Benzene	6.043	78	16176	2.550	ug/l	99
52) Toluene	8.720	92	2955	0.760	ug/l	98
65) Chlorobenzene	10.079	112	10059	2.341	ug/l	99
68) m/p-Xylenes	10.305	106	1361	0.466	ug/l	96
73) Isopropylbenzene	10.963	105	9779	1.371	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	47673	24.884	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47673	75.660	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	1221	0.208	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	1885	0.615	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	1885	0.608	ug/l	95
90) Hexachloroethane	12.701	117	9425	11.246	ug/l #	14
95) Naphthalene	13.774	128	33181	5.361	ug/l	98

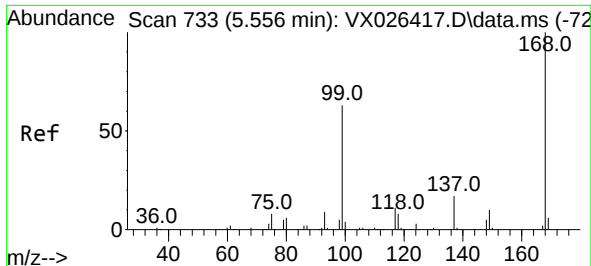
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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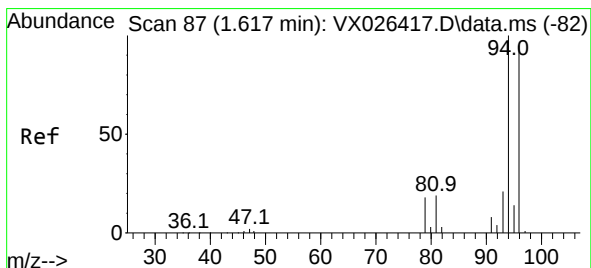
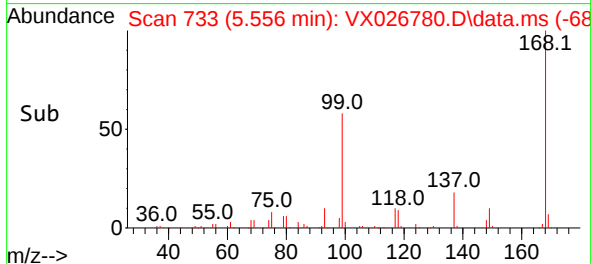
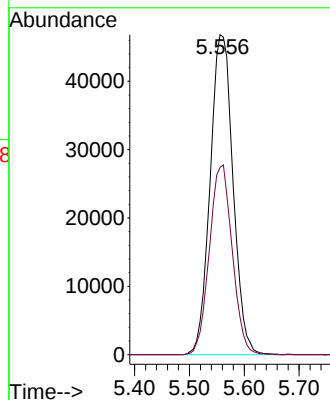
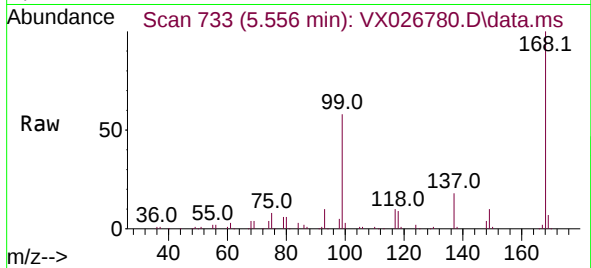




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

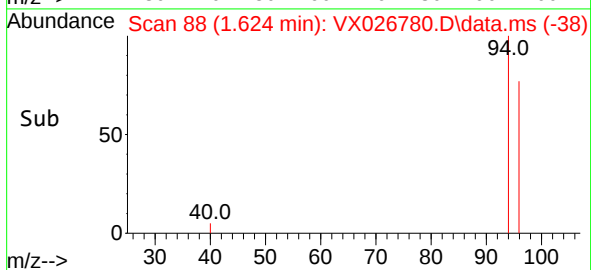
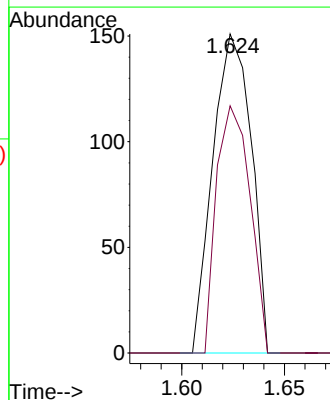
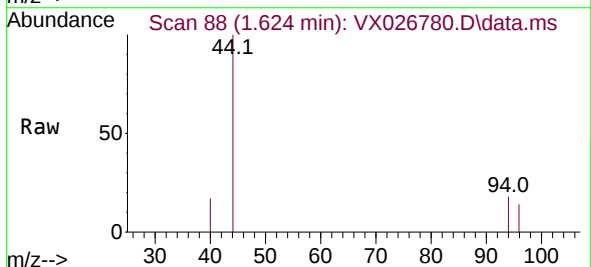
Instrument :
MSVOA_X
ClientSampleId :
PIT-11-DEWATERING

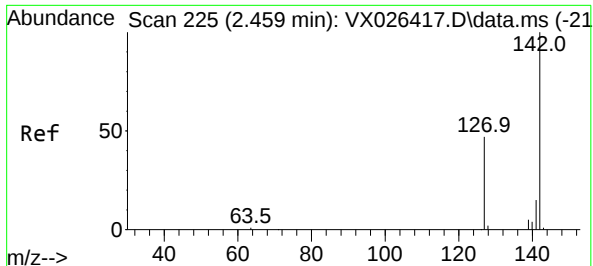
Tgt Ion:168 Resp: 135590
Ion Ratio Lower Upper
168 100
99 58.5 50.3 75.5



#5
Bromomethane
Concen: 0.277 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

Tgt Ion: 94 Resp: 197
Ion Ratio Lower Upper
94 100
96 77.5 75.9 113.9

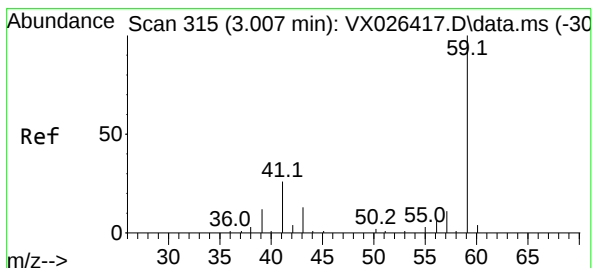
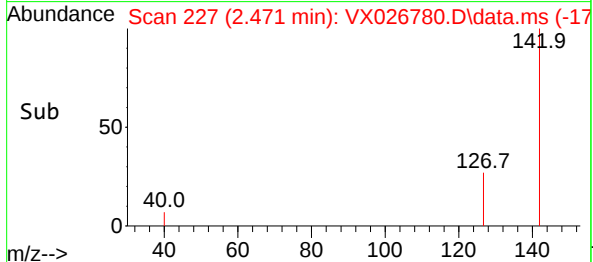
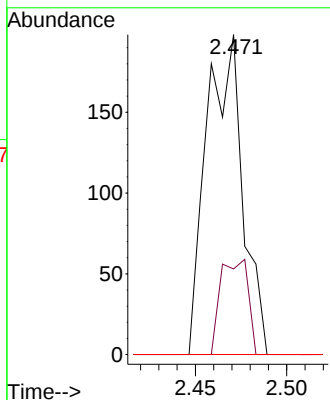
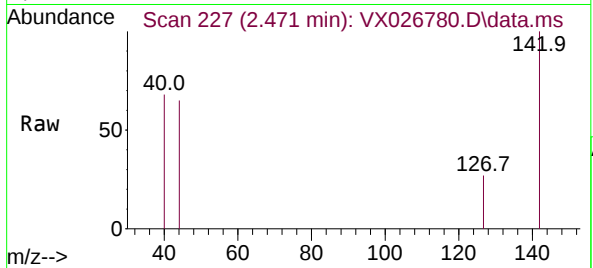




#10
Methyl Iodide
Concen: 4.600 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

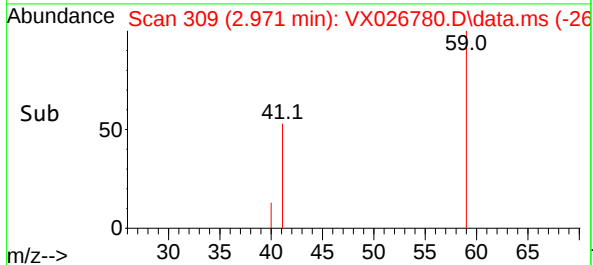
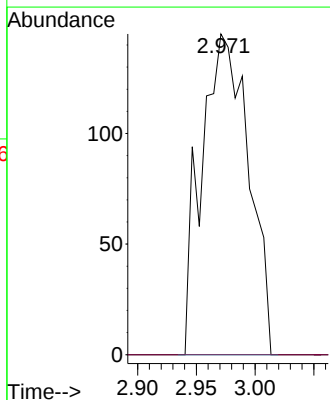
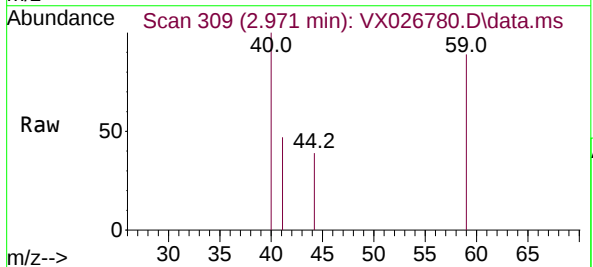
Instrument :
MSVOA_X
ClientSampleId :
PIT-11-DEWATERING

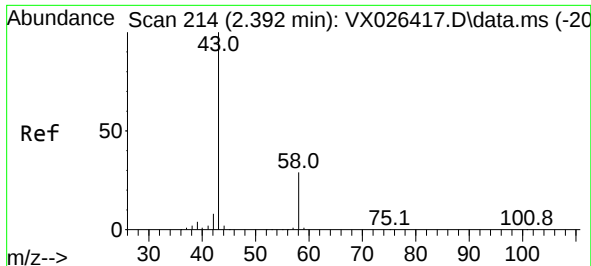
Tgt Ion:142 Resp: 272
Ion Ratio Lower Upper
142 100
127 22.4 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.533 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.036 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

Tgt Ion: 59 Resp: 404
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

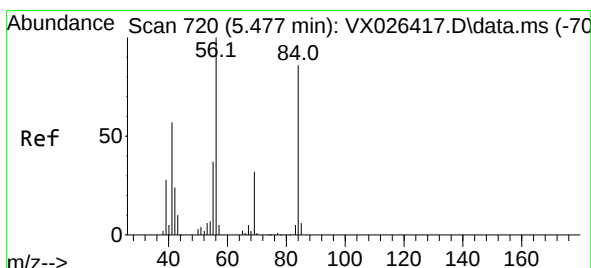
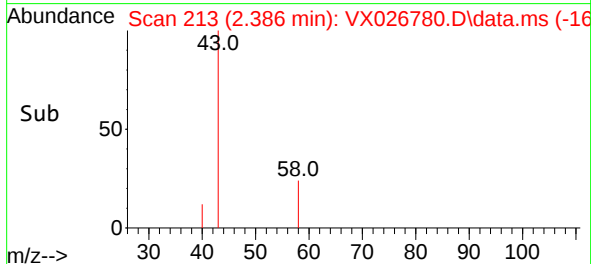
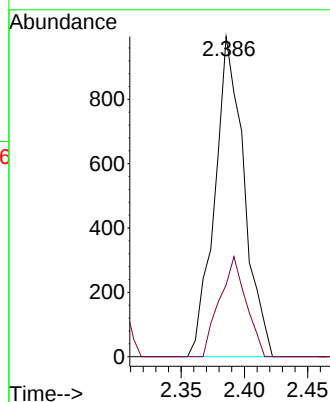
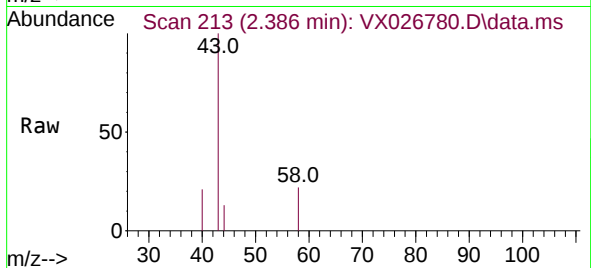




#16
Acetone
Concen: 1.661 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

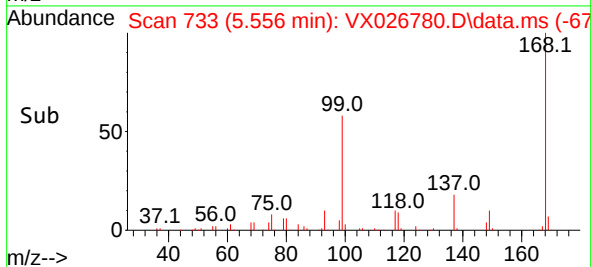
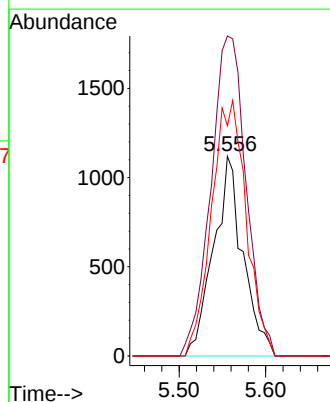
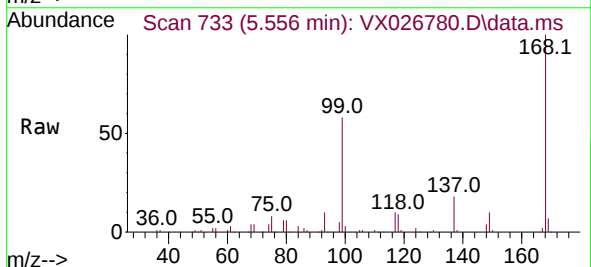
Instrument :
MSVOA_X
ClientSampleId :
PIT-11-DEWATERING

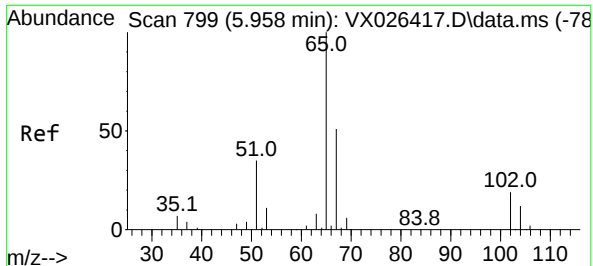
Tgt Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
58 22.4 23.0 34.6#



#31
Cyclohexane
Concen: 0.944 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

Tgt Ion: 56 Resp: 2637
Ion Ratio Lower Upper
56 100
69 160.3 25.8 38.6#
84 115.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 44.401 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026780.D

Acq: 07 Feb 2022 13:34

Instrument :

MSVOA_X

ClientSampleId :

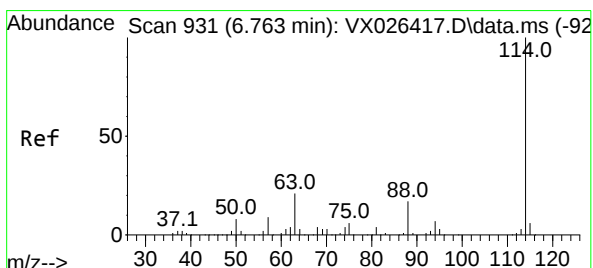
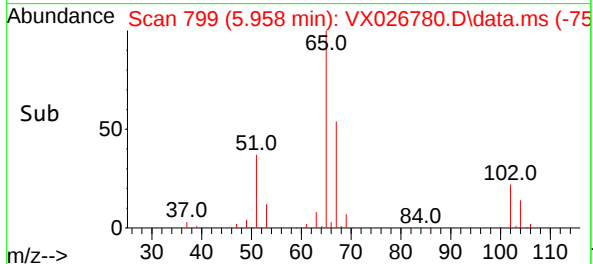
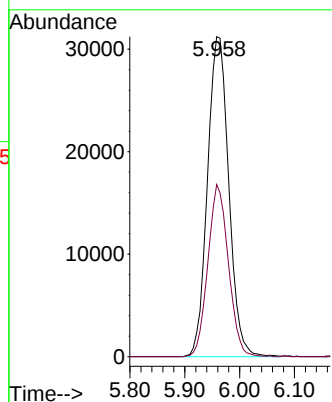
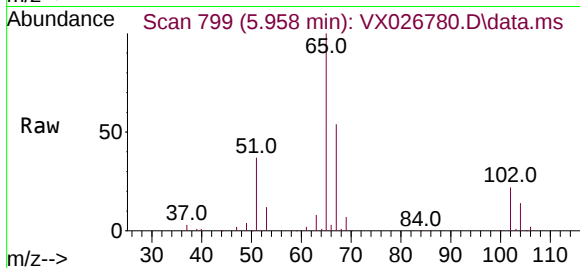
PIT-11-DEWATERING

Tgt Ion: 65 Resp: 84099

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026780.D

Acq: 07 Feb 2022 13:34

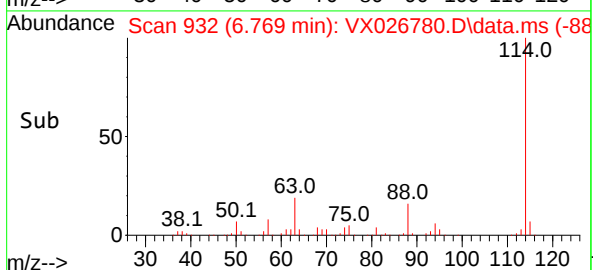
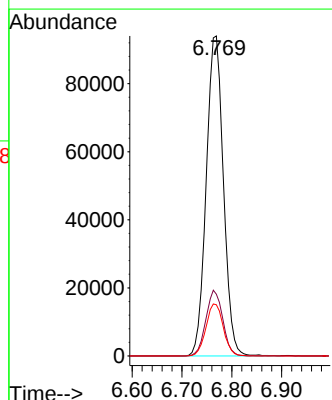
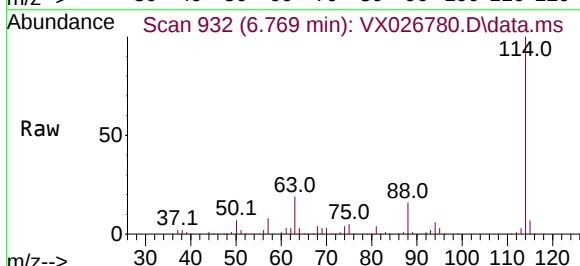
Tgt Ion: 114 Resp: 225137

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.355 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026780.D

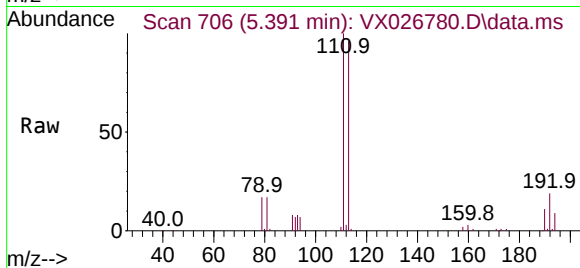
Acq: 07 Feb 2022 13:34

Instrument :

MSVOA_X

ClientSampleId :

PIT-11-DEWATERING



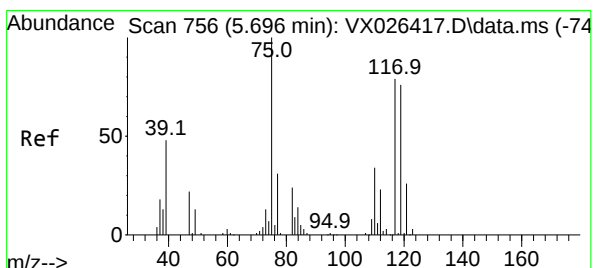
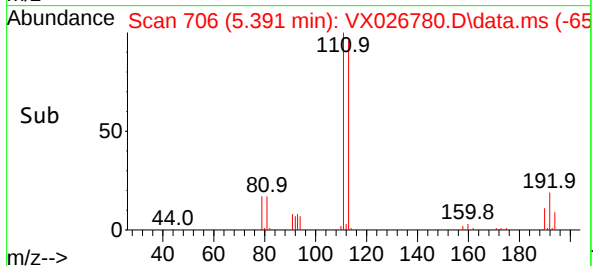
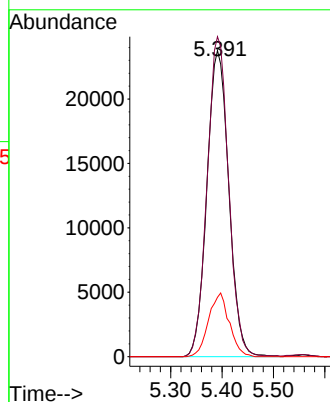
Tgt Ion:113 Resp: 70302

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

192 19.7 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.440 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026780.D

Acq: 07 Feb 2022 13:34

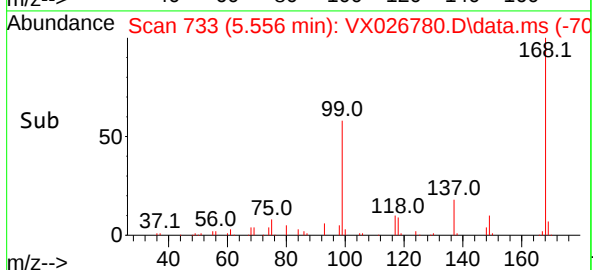
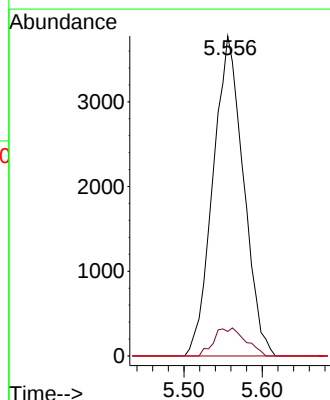
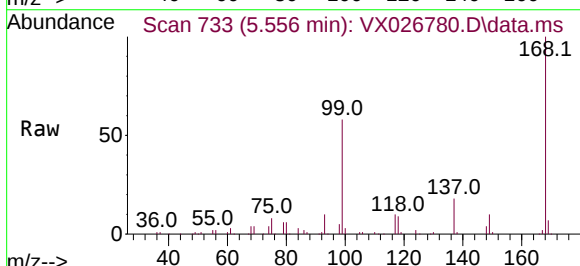
Tgt Ion: 75 Resp: 10191

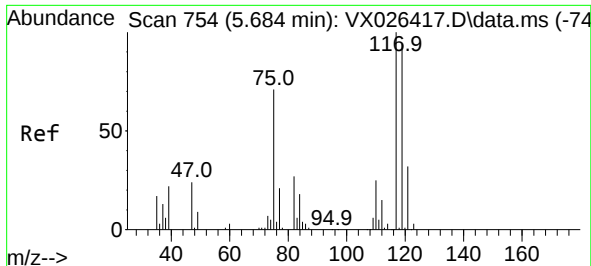
Ion Ratio Lower Upper

75 100

110 9.1 17.2 51.6#

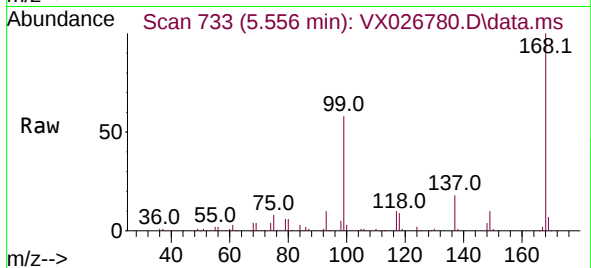
77 0.0 24.6 36.8#



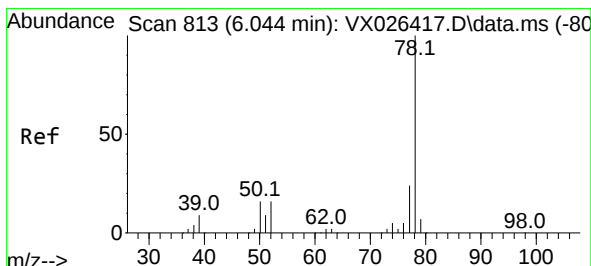
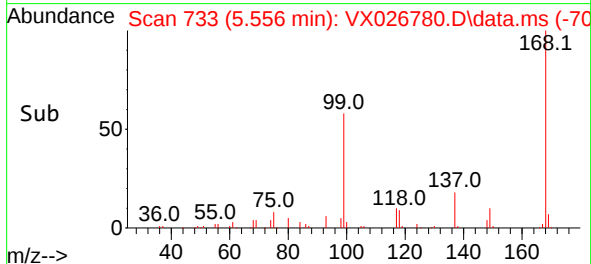
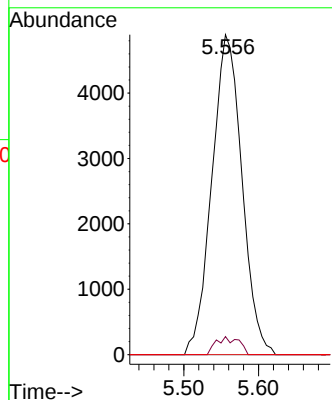


#38
Carbon Tetrachloride
Concen: 5.806 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

Instrument :
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ClientSampleId :
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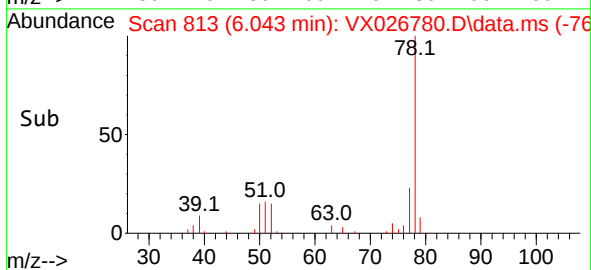
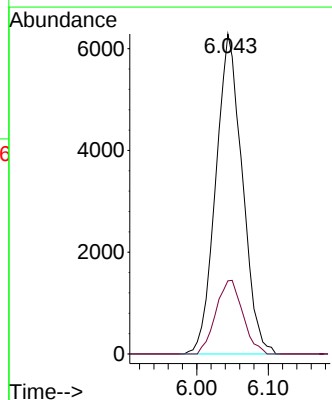
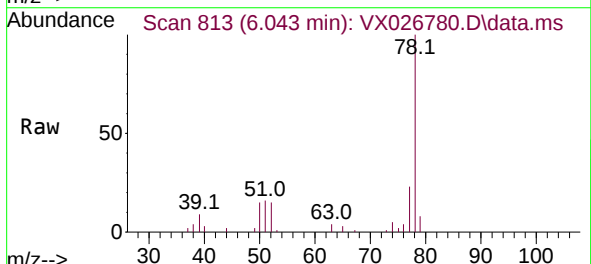


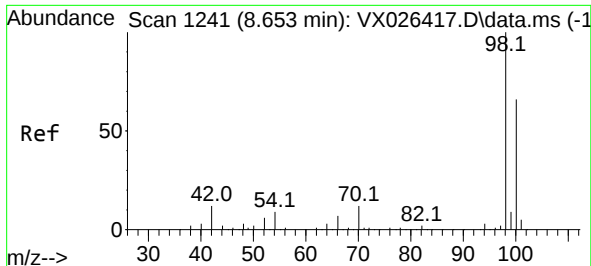
Tgt Ion:117 Resp: 13707
Ion Ratio Lower Upper
117 100
119 5.7 74.7 112.1#
121 0.0 25.4 38.0#



#40
Benzene
Concen: 2.550 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

Tgt Ion: 78 Resp: 16176
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3

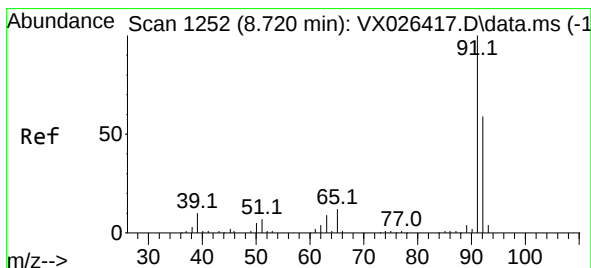
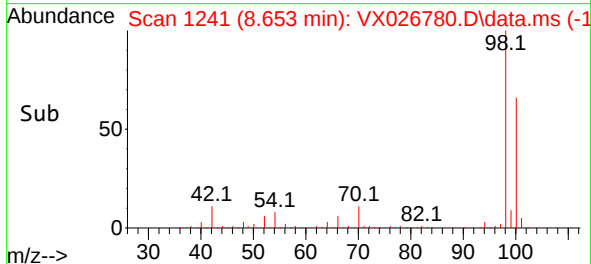
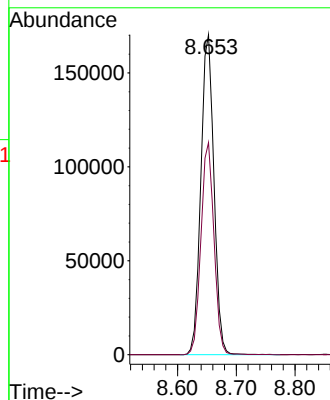
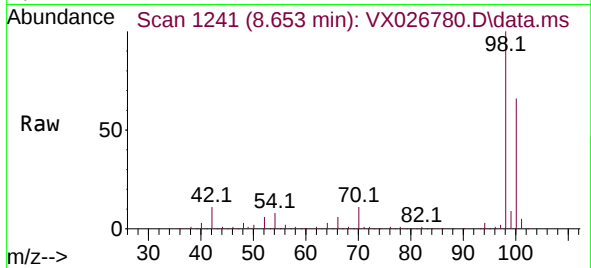




#50
Toluene-d8
Concen: 50.267 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

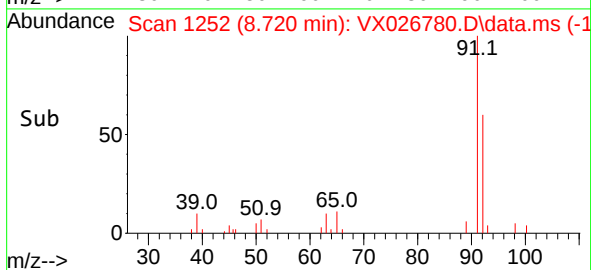
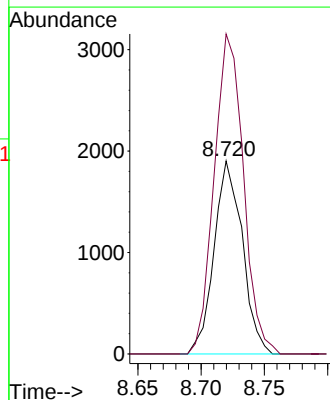
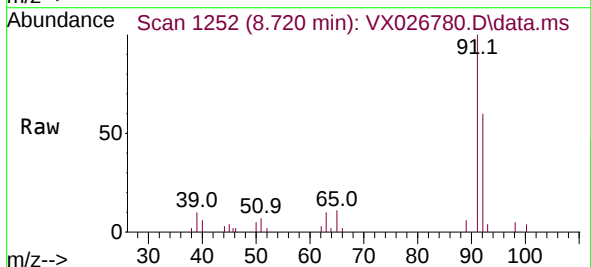
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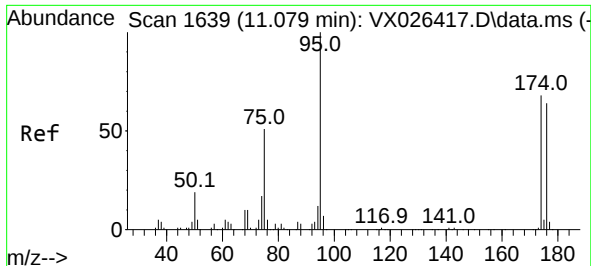
Tgt Ion: 98 Resp: 263355
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



#52
Toluene
Concen: 0.760 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

Tgt Ion: 92 Resp: 2955
Ion Ratio Lower Upper
92 100
91 171.9 135.7 203.5

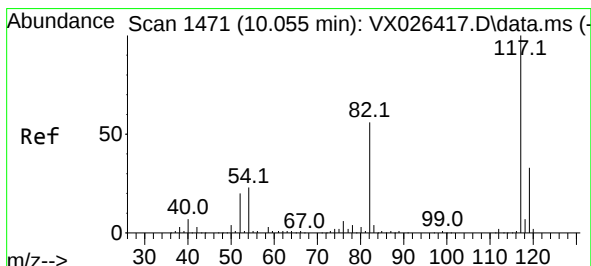
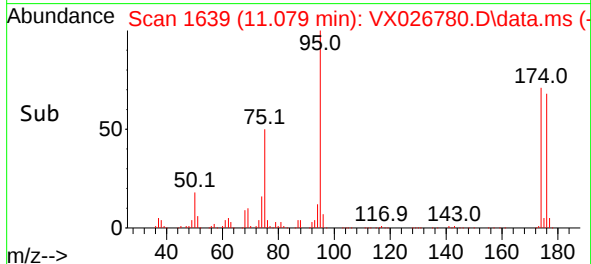
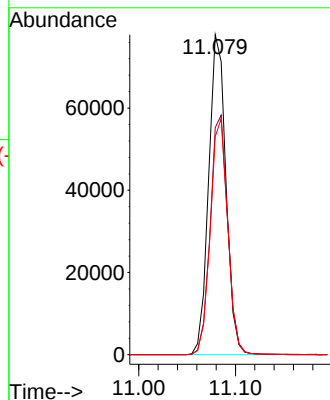
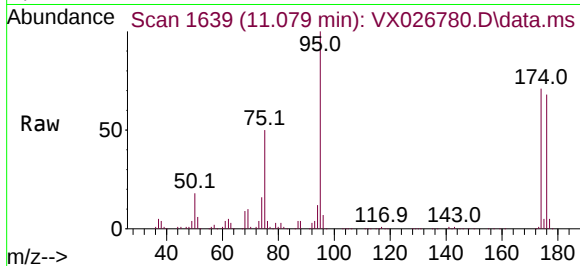




#62
4-Bromofluorobenzene
Concen: 51.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

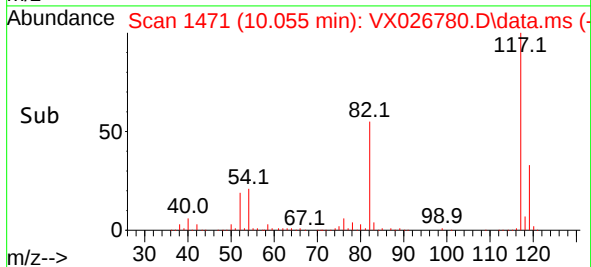
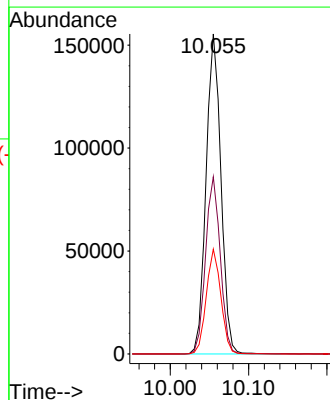
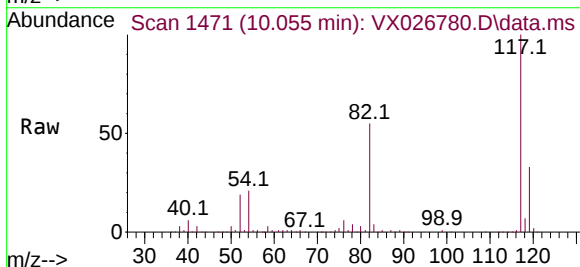
Instrument :
MSVOA_X
ClientSampleId :
PIT-11-DEWATERING

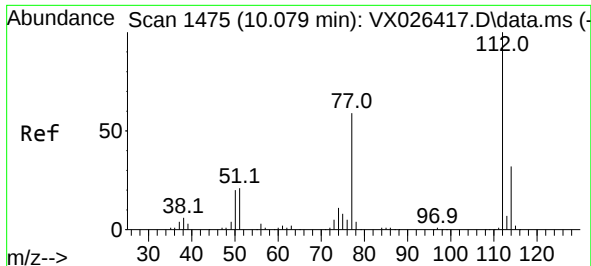
Tgt Ion: 95 Resp: 96672
Ion Ratio Lower Upper
95 100
174 75.8 0.0 148.6
176 74.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

Tgt Ion: 117 Resp: 204047
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 32.8 26.2 39.2

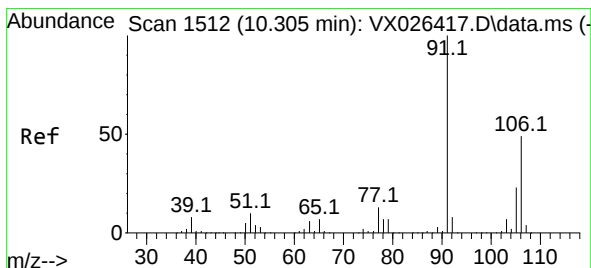
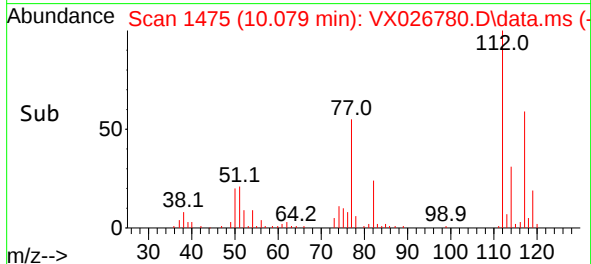
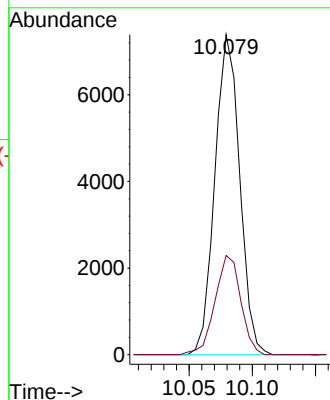
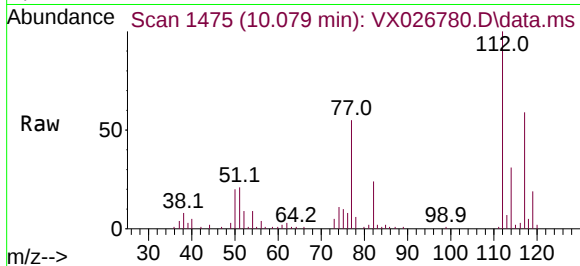




#65
Chlorobenzene
Concen: 2.341 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

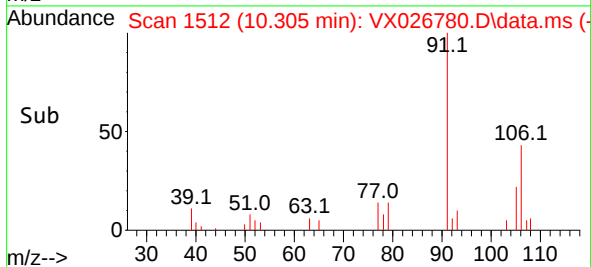
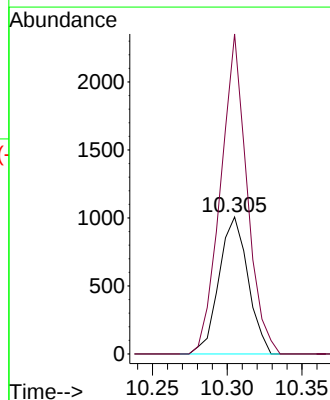
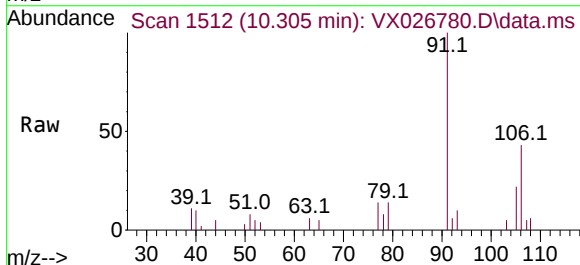
Instrument :
MSVOA_X
ClientSampleId :
PIT-11-DEWATERING

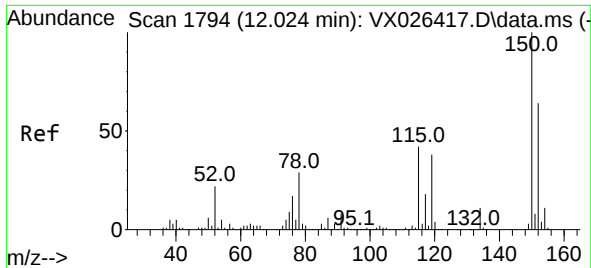
Tgt Ion:112 Resp: 10059
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9



#68
m/p-Xylenes
Concen: 0.466 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

Tgt Ion:106 Resp: 1361
Ion Ratio Lower Upper
106 100
91 212.2 165.3 247.9

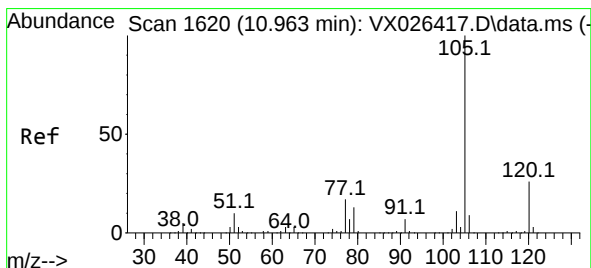
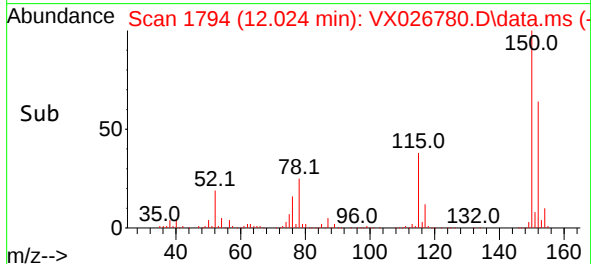
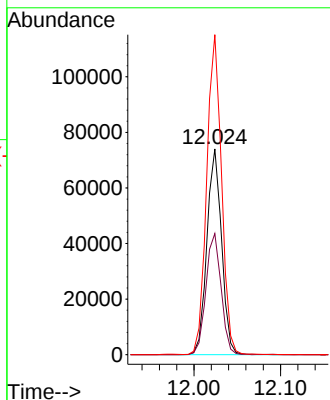
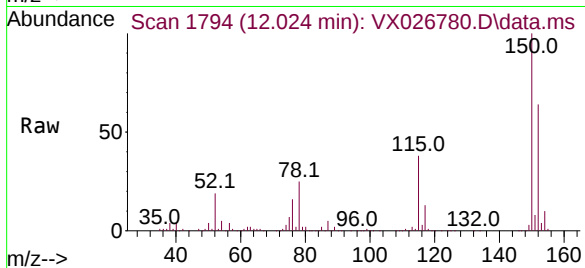




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

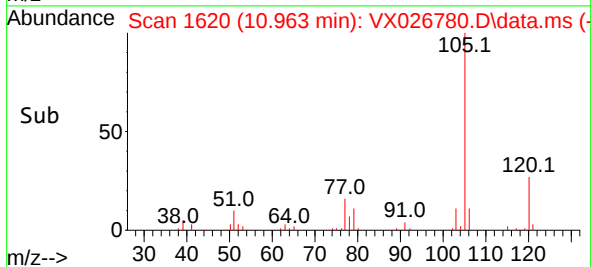
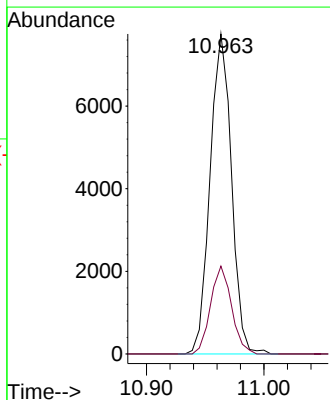
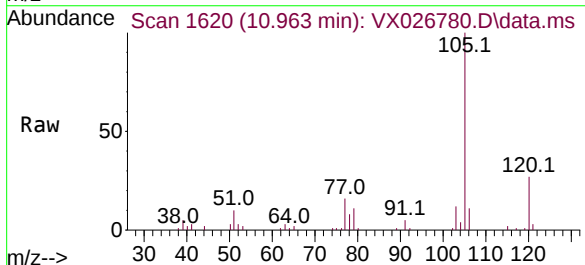
Instrument :
MSVOA_X
ClientSampleId :
PIT-11-DEWATERING

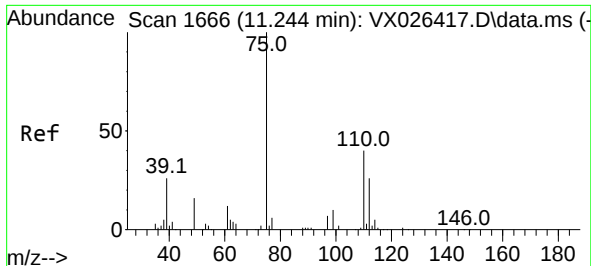
Tgt Ion:152 Resp: 87013
Ion Ratio Lower Upper
152 100
115 60.8 44.2 132.6
150 157.0 0.0 348.2



#73
Isopropylbenzene
Concen: 1.371 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

Tgt Ion:105 Resp: 9779
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

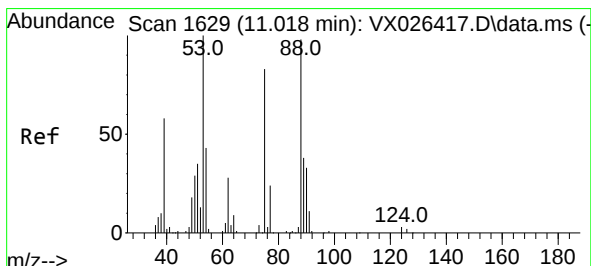
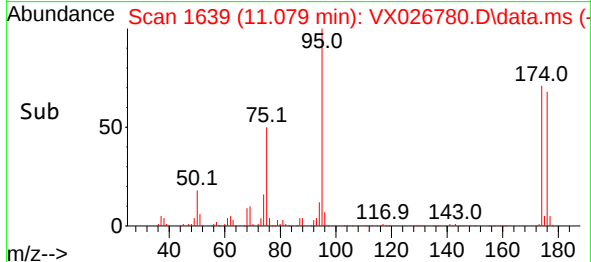
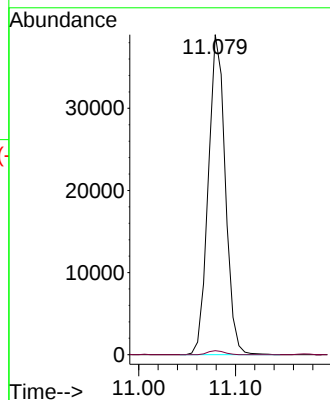
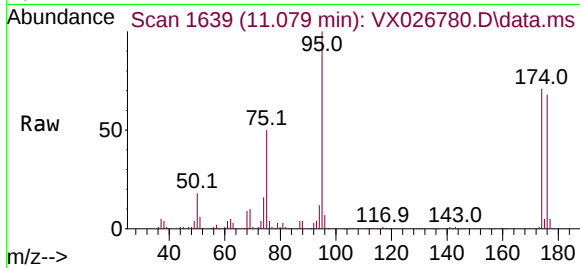




#76
1,2,3-Trichloropropane
Concen: 24.884 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

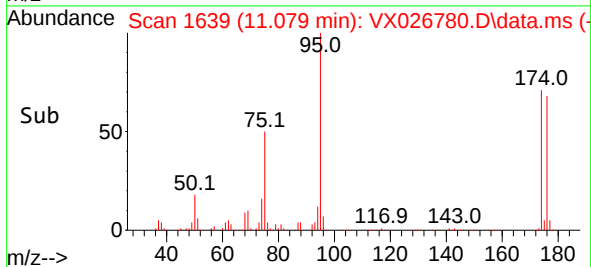
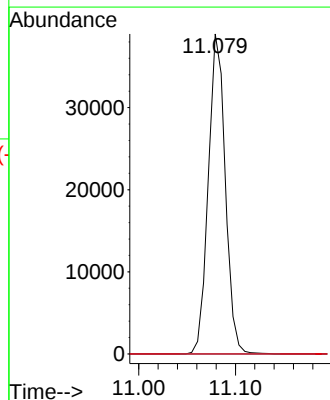
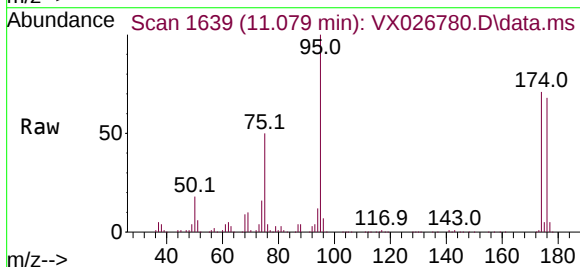
Instrument :
MSVOA_X
ClientSampleId :
PIT-11-DEWATERING

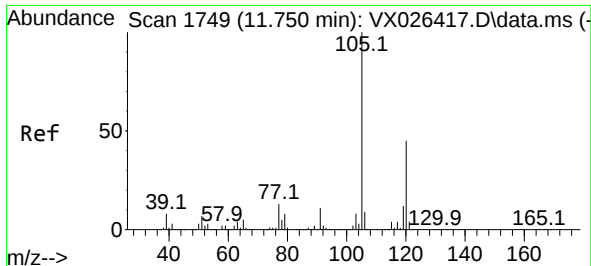
Tgt Ion: 75 Resp: 47673
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.660 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

Tgt Ion: 75 Resp: 47673
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

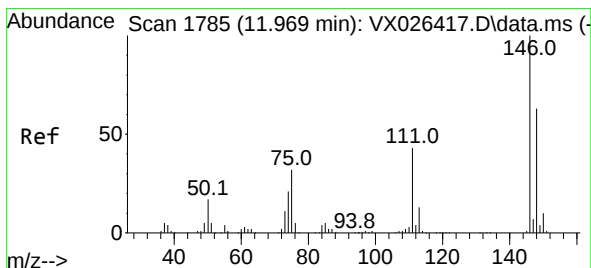
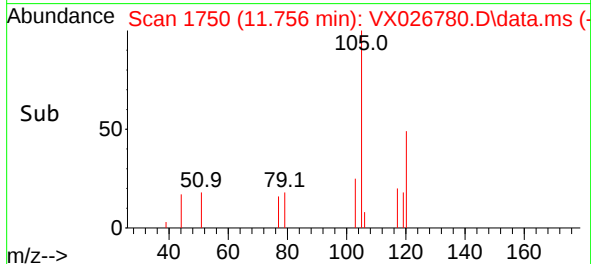
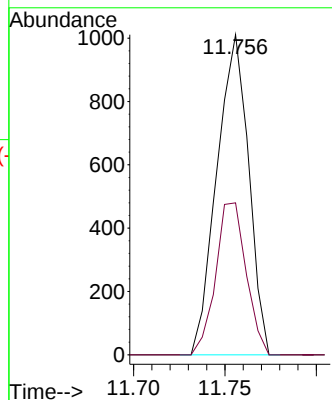
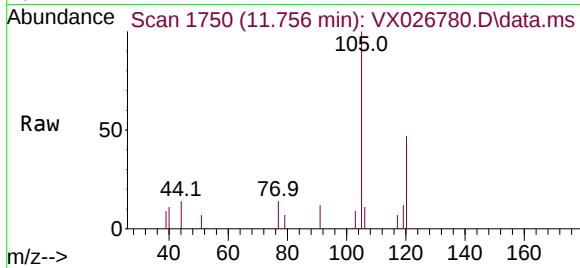




#84
1,2,4-Trimethylbenzene
Concen: 0.208 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

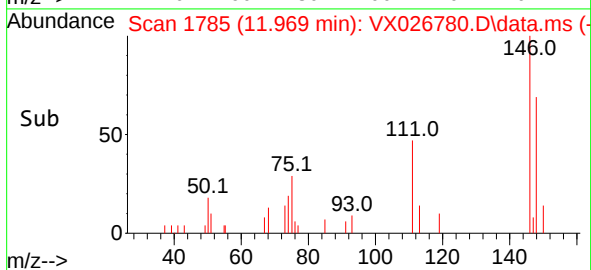
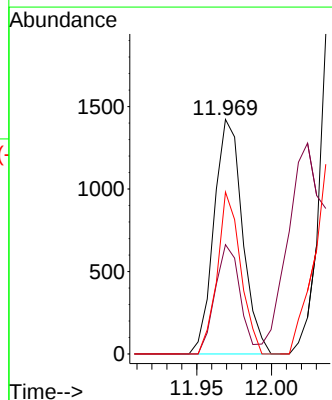
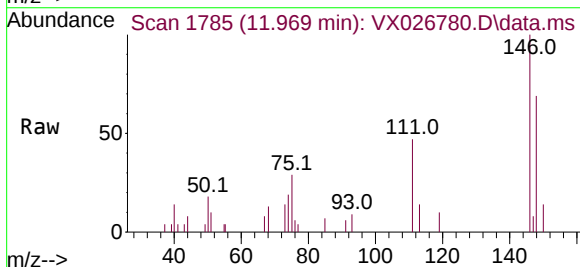
Instrument :
MSVOA_X
ClientSampleId :
PIT-11-DEWATERING

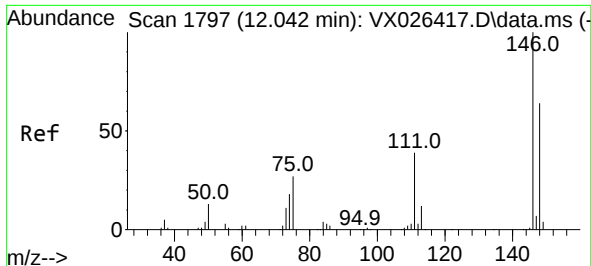
Tgt Ion:105 Resp: 1221
Ion Ratio Lower Upper
105 100
120 45.7 21.9 65.5



#87
1,3-Dichlorobenzene
Concen: 0.615 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

Tgt Ion:146 Resp: 1885
Ion Ratio Lower Upper
146 100
111 40.4 21.3 63.7
148 56.6 31.6 95.0

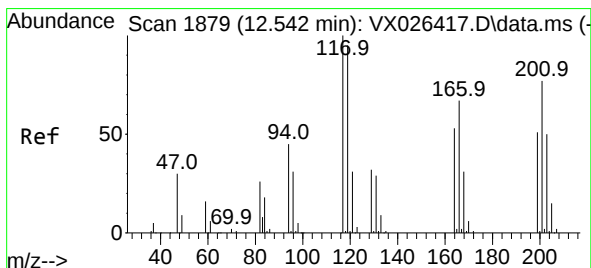
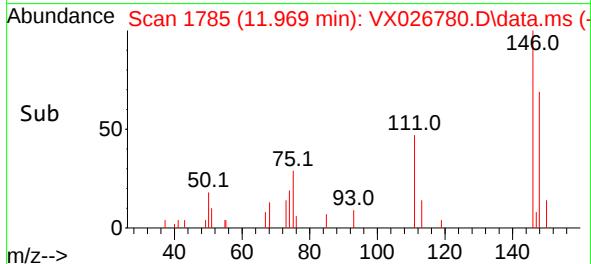
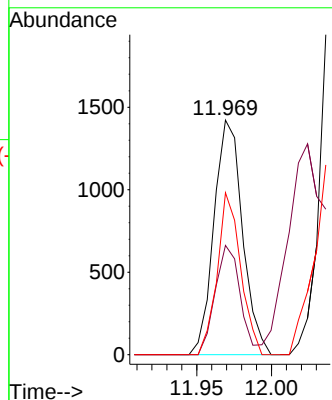
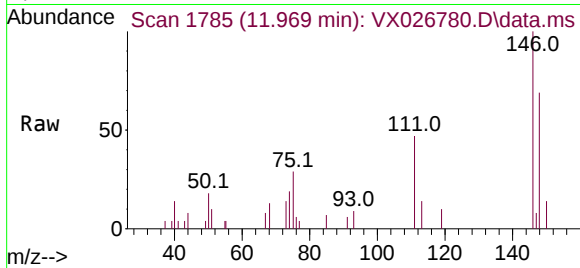




#88
1,4-Dichlorobenzene
Concen: 0.608 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

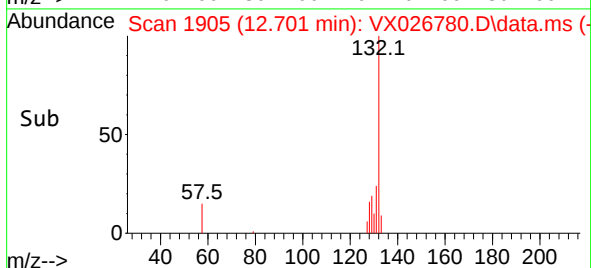
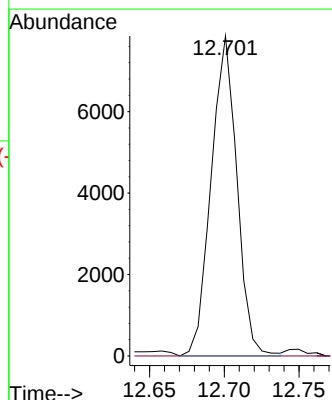
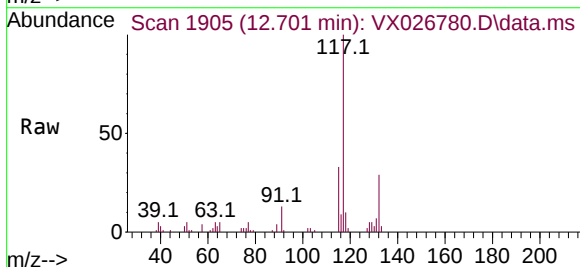
Instrument :
MSVOA_X
ClientSampleId :
PIT-11-DEWATERING

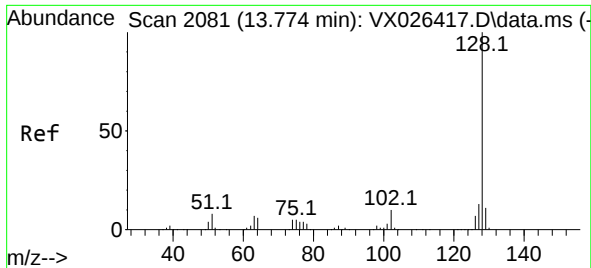
Tgt Ion:146 Resp: 1885
Ion Ratio Lower Upper
146 100
111 40.4 20.2 60.6
148 56.6 31.4 94.0



#90
Hexachloroethane
Concen: 11.246 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

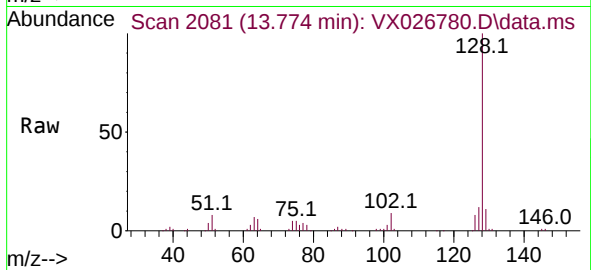
Tgt Ion:117 Resp: 9425
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#





#95
Naphthalene
Concen: 5.361 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX026780.D
Acq: 07 Feb 2022 13:34

Instrument :
MSVOA_X
ClientSampleId :
PIT-11-DEWATERING



Tgt Ion:	128	Resp:	33181
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	12.5	8.7	13.1

