

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028326.D
 Acq On : 25 Apr 2022 15:01
 Operator : JC/MD
 Sample : N2556-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DEWATERING-EFFLUENT-042522

Quant Time: Apr 26 08:11:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

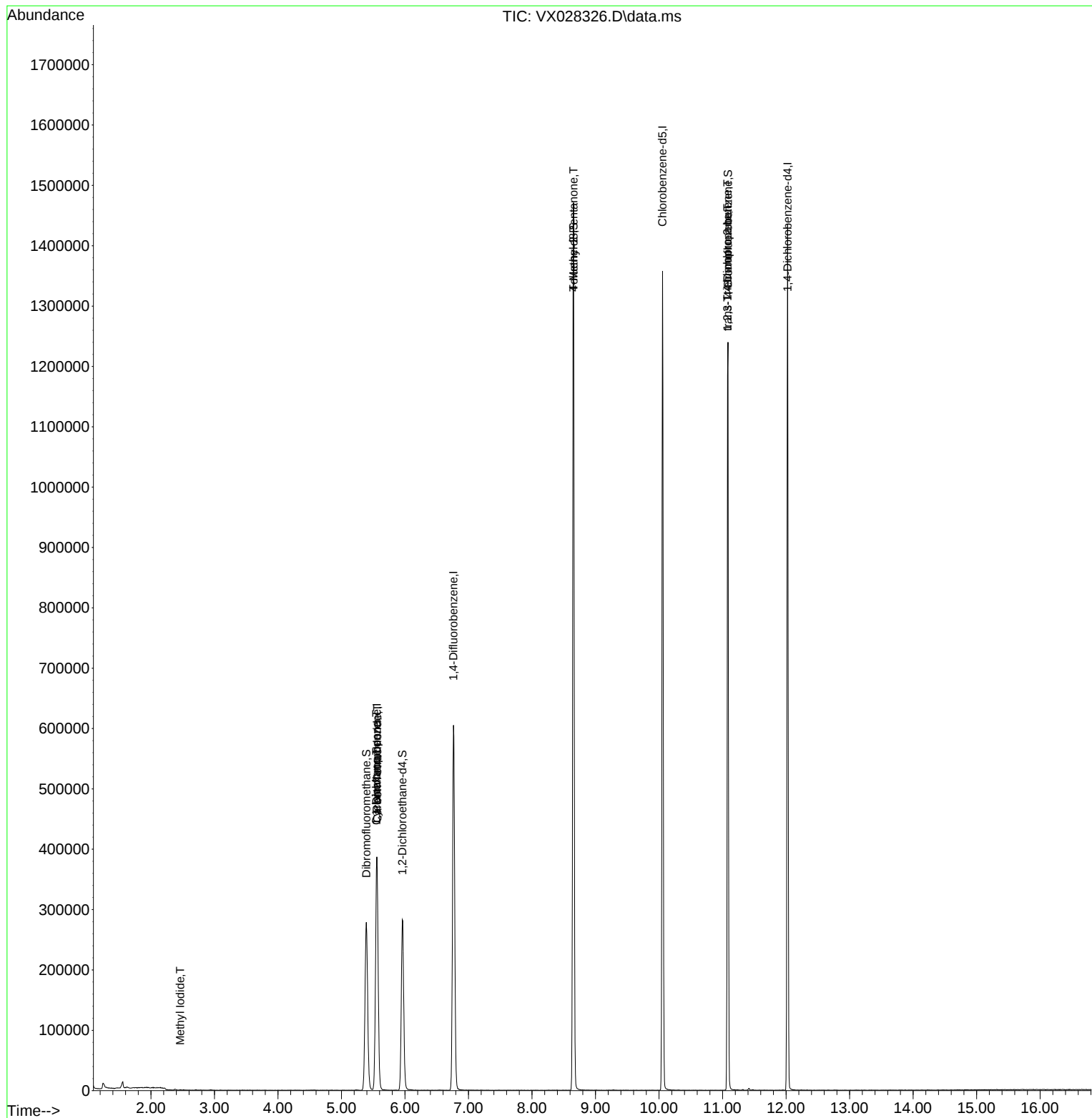
Internal Standards						
1) Pentafluorobenzene	5.556	168	374140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	649866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	630816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	296290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	264955	54.312	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.620%			
35) Dibromofluoromethane	5.391	113	240874	52.853	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.700%			
50) Toluene-d8	8.653	98	887759	50.717	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.440%			
62) 4-Bromofluorobenzene	11.085	95	322576	48.197	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.400%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	323	Below Cal	#	42
5) Bromomethane	1.617	94	825	Below Cal	#	47
6) Chloroethane	1.672	64	190	Below Cal	#	43
8) Diethyl Ether	2.068	74	49	Below Cal	#	1
10) Methyl Iodide	2.459	142	572	5.358	ug/l #	78
11) Tert butyl alcohol	2.940	59	394	Below Cal	#	72
16) Acetone	2.379	43	1520	Below Cal		89
31) Cyclohexane	5.549	56	7314	1.231	ug/l #	39
36) 1,1-Dichloropropene	5.549	75	27924	4.697	ug/l #	50
38) Carbon Tetrachloride	5.562	117	37908	5.649	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	3442	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	161784	27.745	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	161784	82.450	ug/l #	15

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

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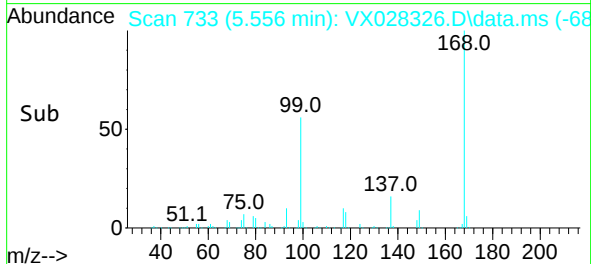
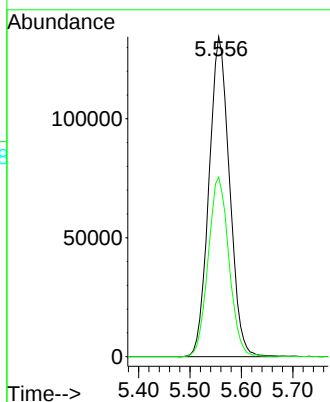
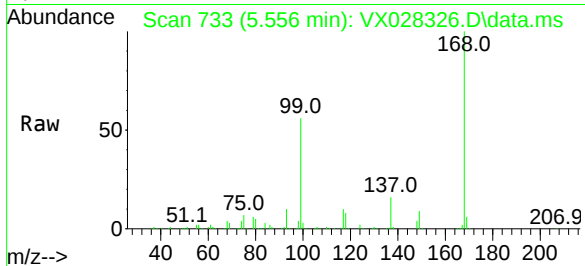




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

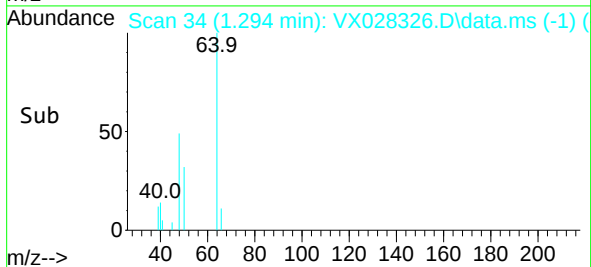
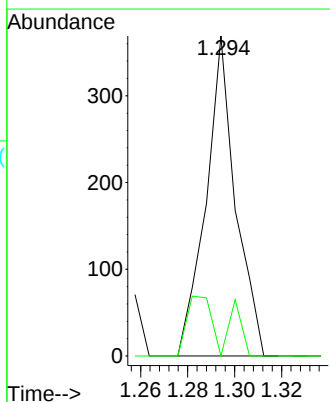
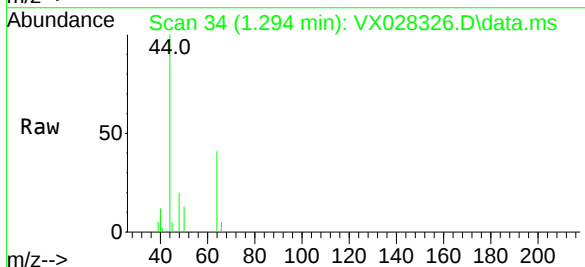
Instrument :
MSVOA_X
ClientSampleId :
DEWATERING-EFFLUENT-042522

Tgt Ion:168 Resp: 374140
Ion Ratio Lower Upper
168 100
99 56.1 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

Tgt Ion: 50 Resp: 323
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

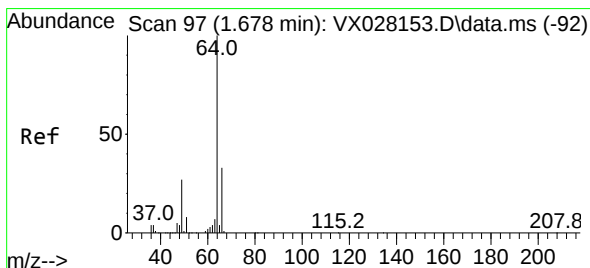
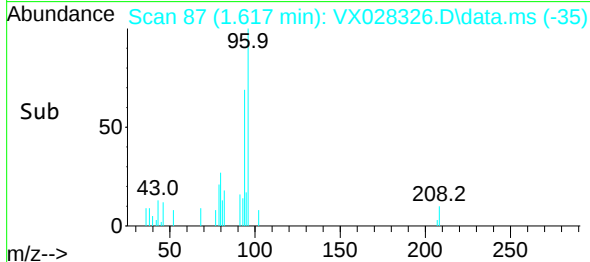
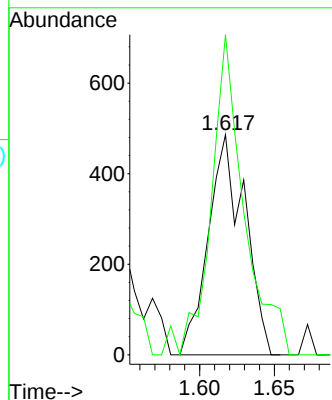
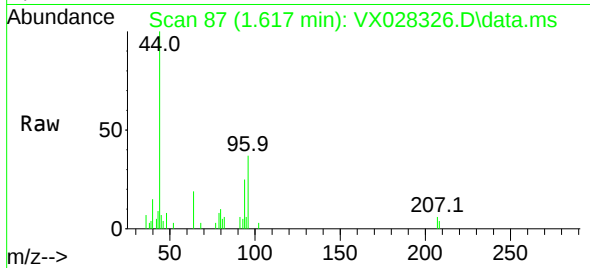




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

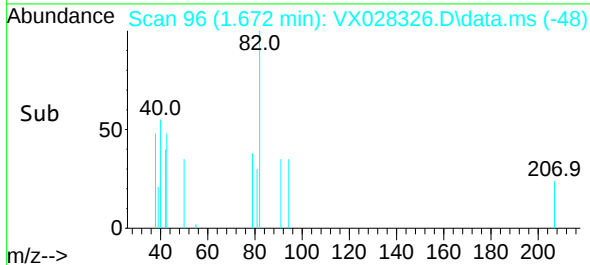
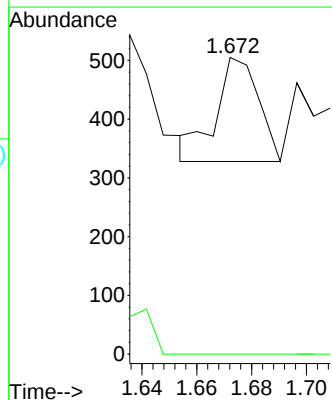
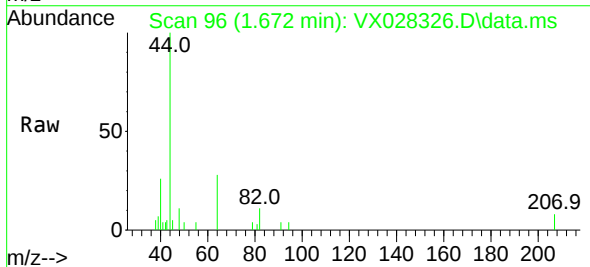
Instrument :
MSVOA_X
ClientSampleId :
DEWATERING-EFFLUENT-042522

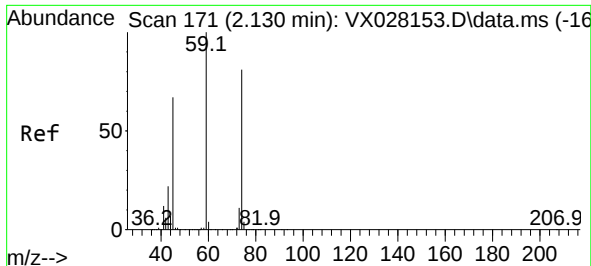
Tgt Ion: 94 Resp: 825
Ion Ratio Lower Upper
94 100
96 145.5 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

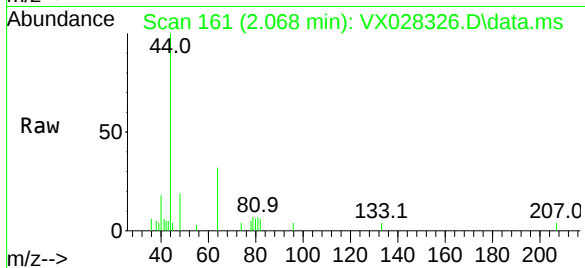
Tgt Ion: 64 Resp: 190
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



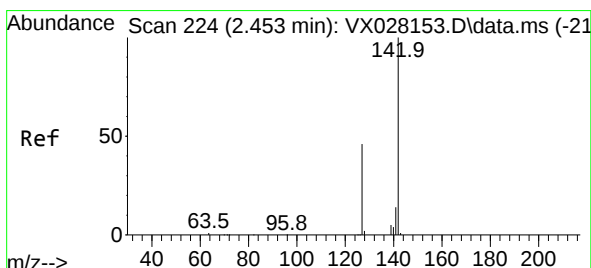
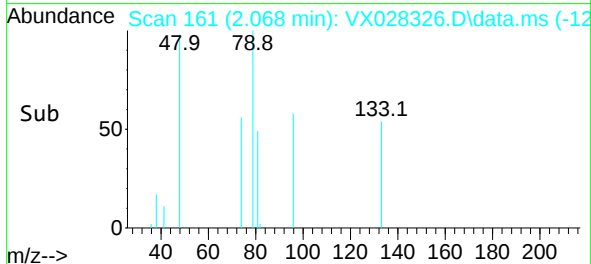
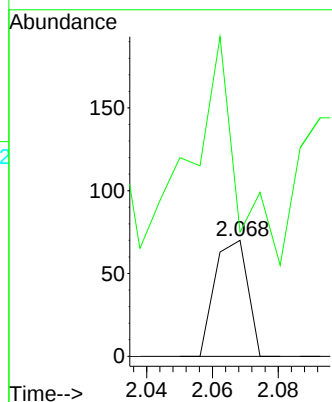


#8
Diethyl Ether
Concen: Below Cal
RT: 2.068 min Scan# 1
Delta R.T. -0.062 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

Instrument :
MSVOA_X
ClientSampleId :
DEWATERING-EFFLUENT-042522

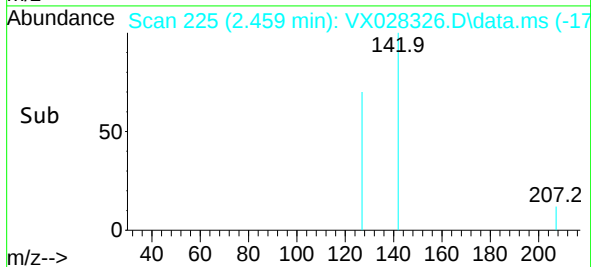
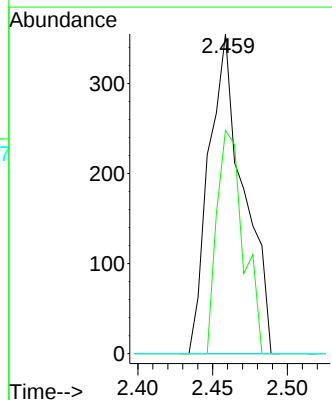
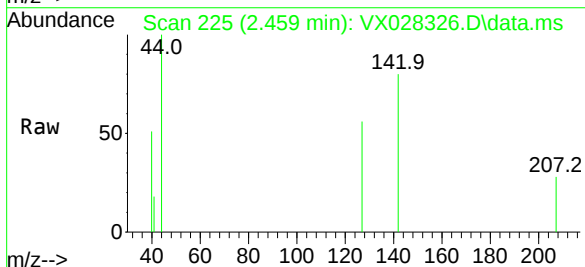


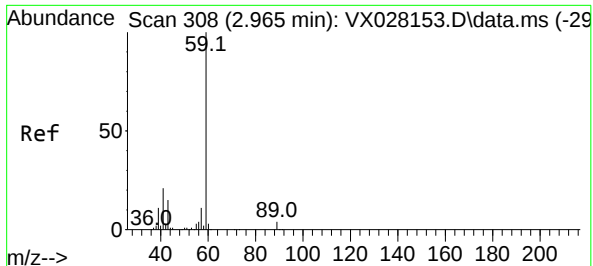
Tgt Ion: 74 Resp: 49
Ion Ratio Lower Upper
74 100
45 244.9 42.0 126.0#



#10
Methyl Iodide
Concen: 5.358 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

Tgt Ion:142 Resp: 572
Ion Ratio Lower Upper
142 100
127 53.3 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 308

Delta R.T. -0.025 min

Lab File: VX028326.D

Acq: 25 Apr 2022 15:01

Instrument :

MSVOA_X

ClientSampleId :

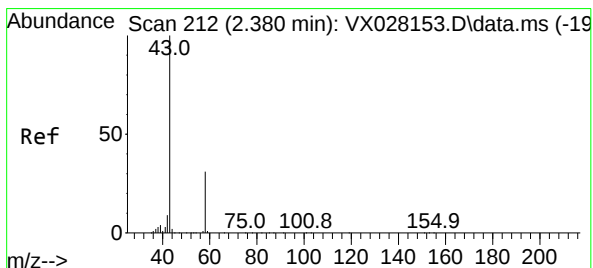
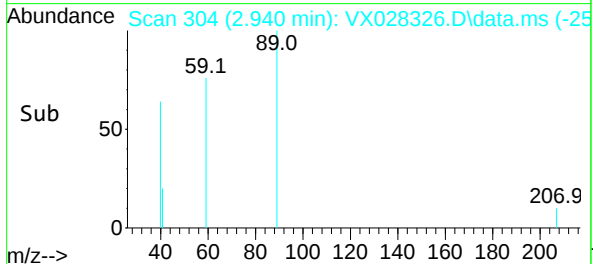
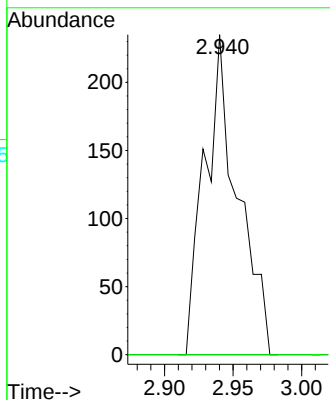
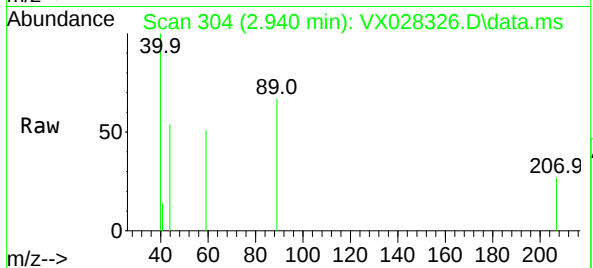
DEWATERING-EFFLUENT-042522

Tgt Ion: 59 Resp: 394

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: Below Cal

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX028326.D

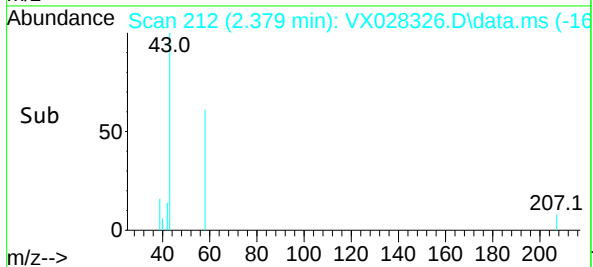
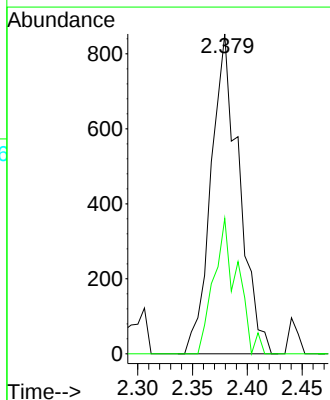
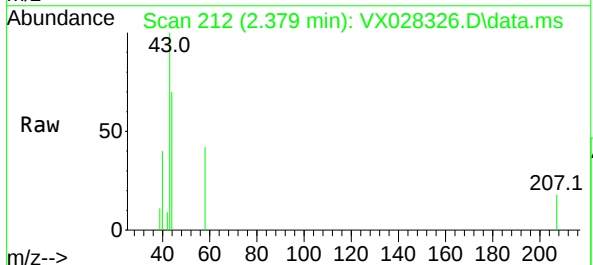
Acq: 25 Apr 2022 15:01

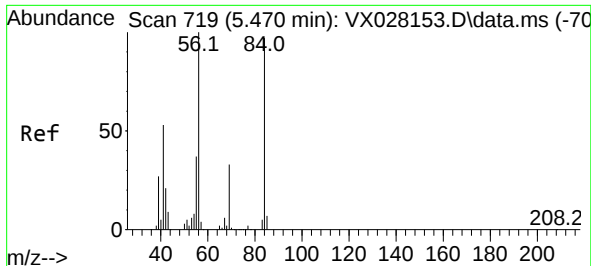
Tgt Ion: 43 Resp: 1520

Ion Ratio Lower Upper

43 100

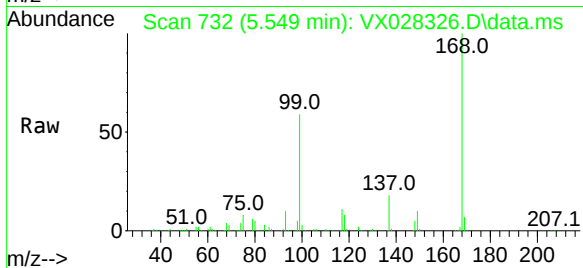
58 42.3 28.8 43.2



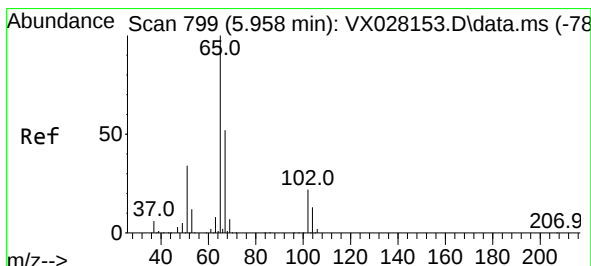
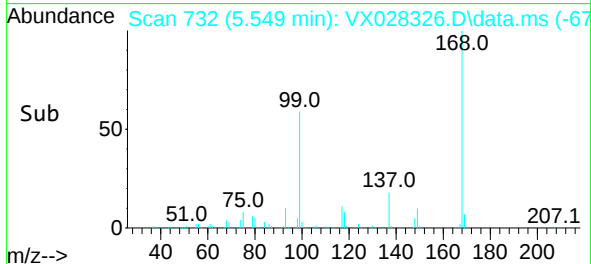
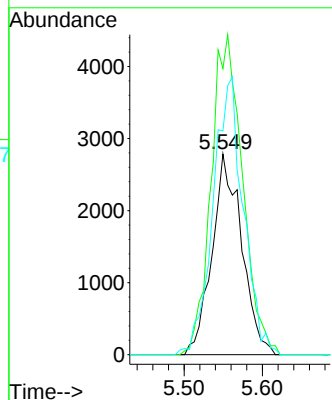


#31
Cyclohexane
Concen: 1.231 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

Instrument :
MSVOA_X
ClientSampleId :
DEWATERING-EFFLUENT-042522

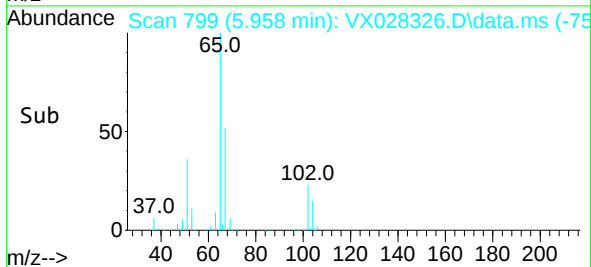
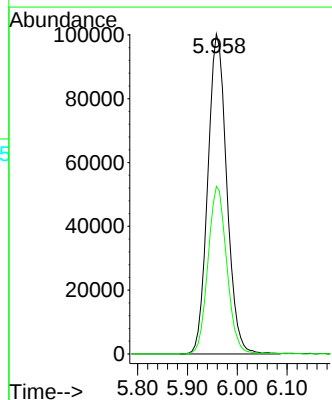
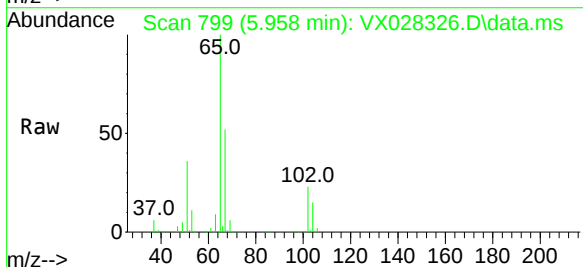


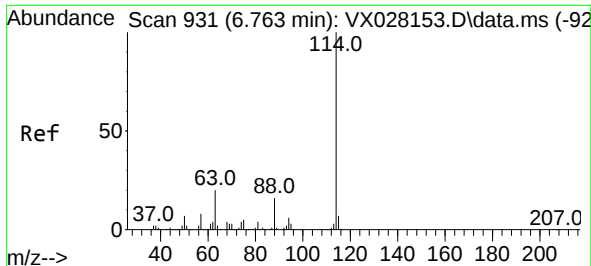
Tgt Ion: 56 Resp: 7314
Ion Ratio Lower Upper
56 100
69 142.6 26.7 40.1#
84 111.6 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 54.312 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

Tgt Ion: 65 Resp: 264955
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

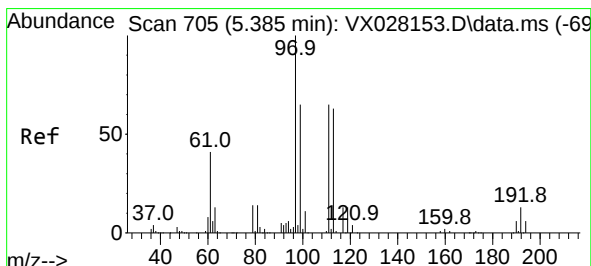
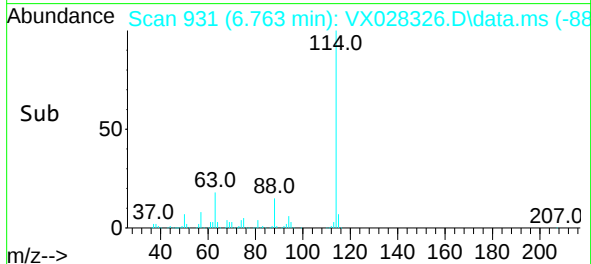
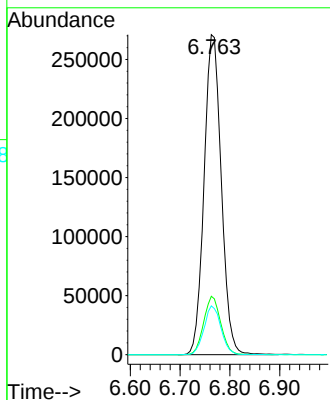
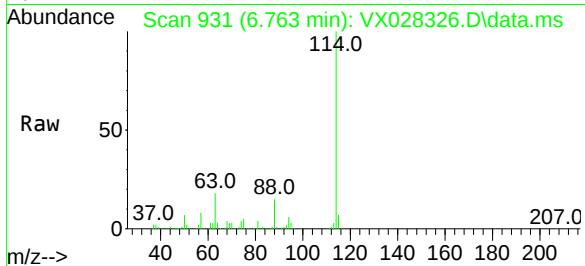




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

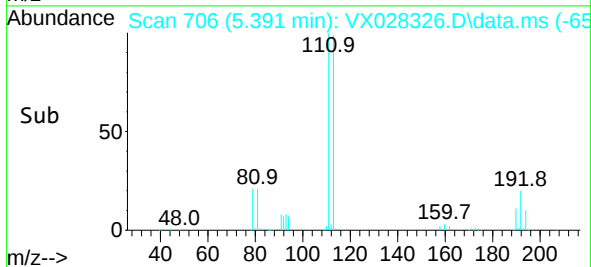
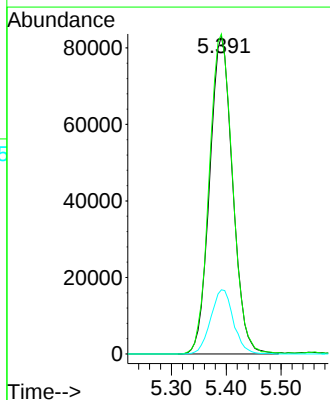
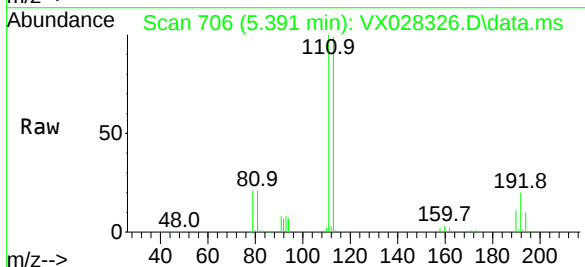
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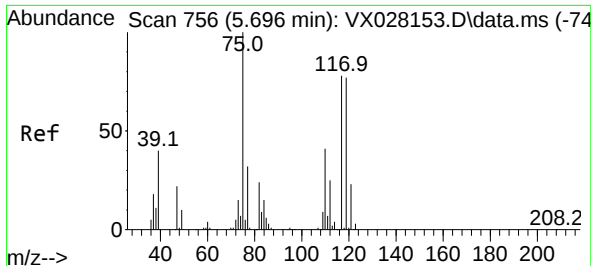
Tgt Ion:114 Resp: 649866
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.853 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

Tgt Ion:113 Resp: 240874
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 20.0 16.9 25.3

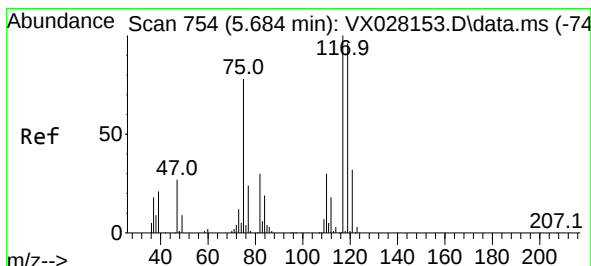
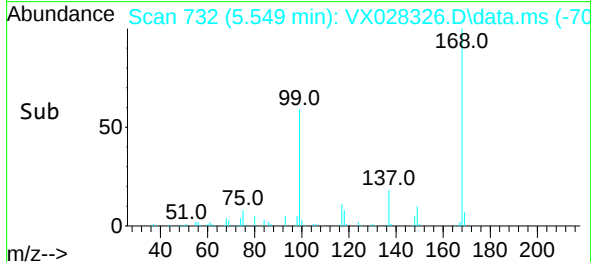
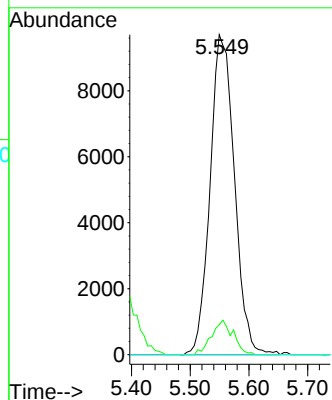
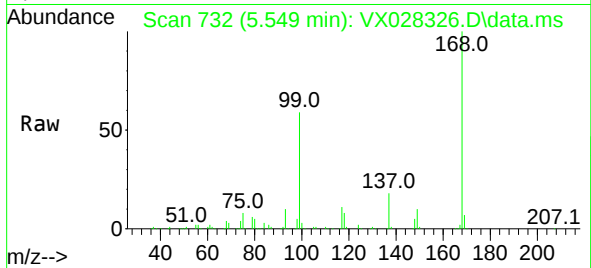




#36
1,1-Dichloropropene
Concen: 4.697 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

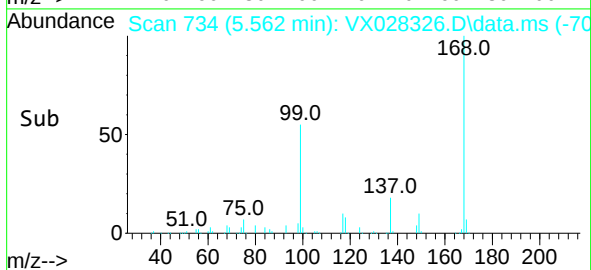
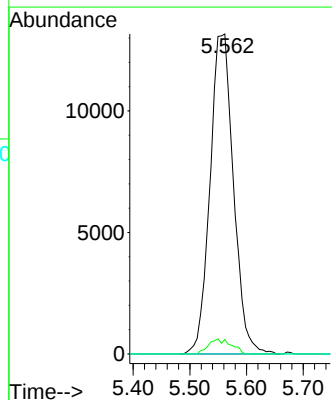
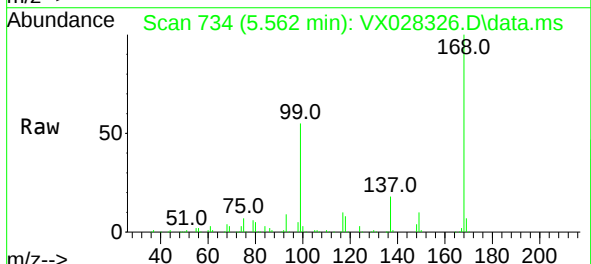
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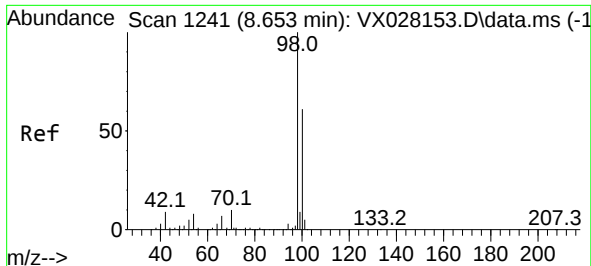
Tgt Ion: 75 Resp: 27924
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.649 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

Tgt Ion: 117 Resp: 37908
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#

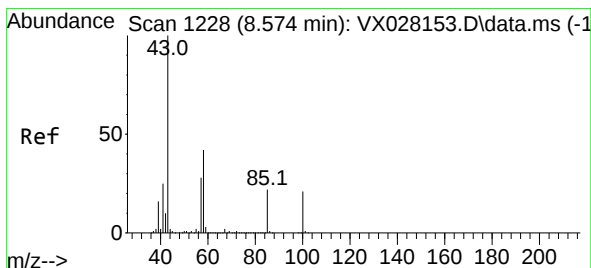
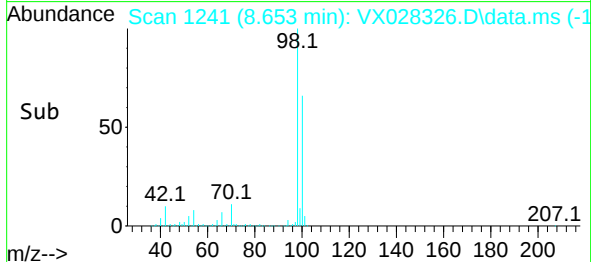
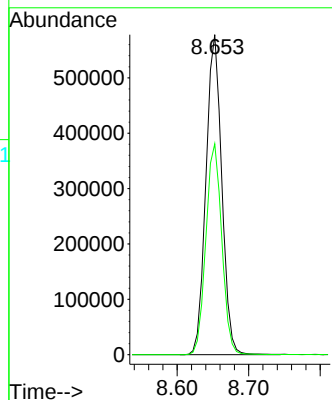
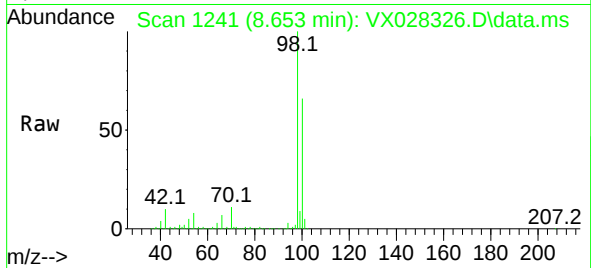




#50
Toluene-d8
Concen: 50.717 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

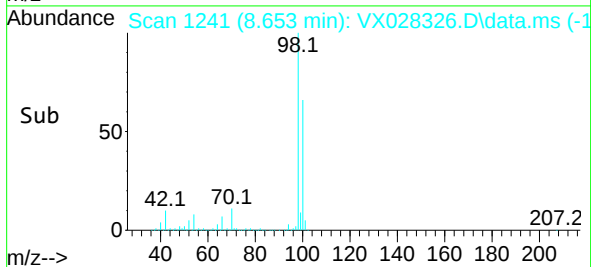
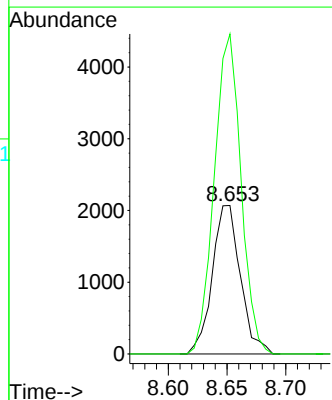
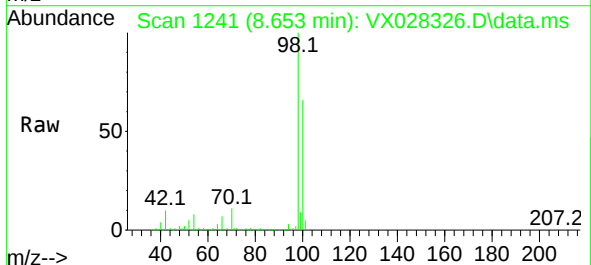
Instrument :
MSVOA_X
ClientSampleId :
DEWATERING-EFFLUENT-042522

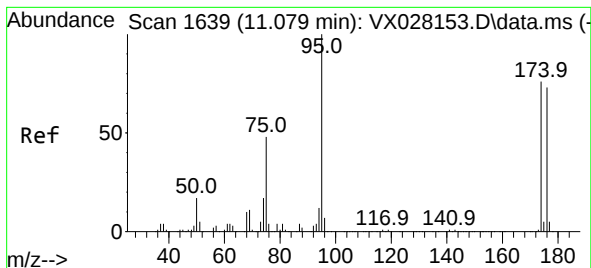
Tgt Ion: 98 Resp: 887759
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

Tgt Ion: 43 Resp: 3442
Ion Ratio Lower Upper
43 100
58 205.1 36.1 54.1#

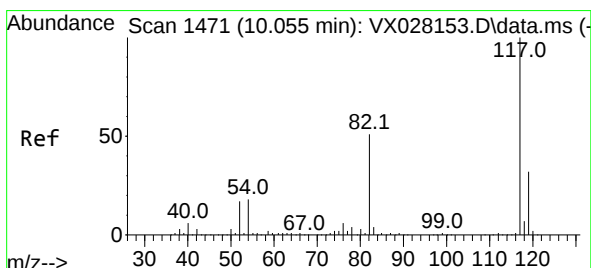
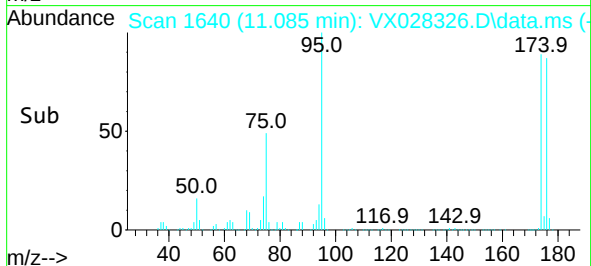
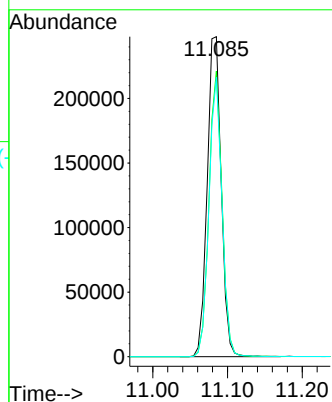
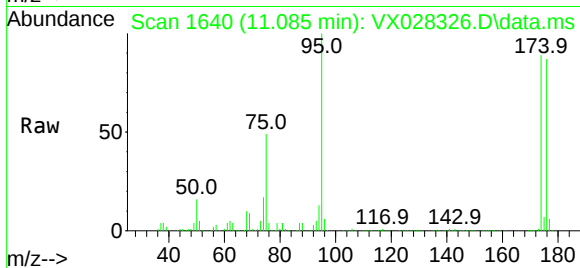




#62
4-Bromofluorobenzene
Concen: 48.197 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

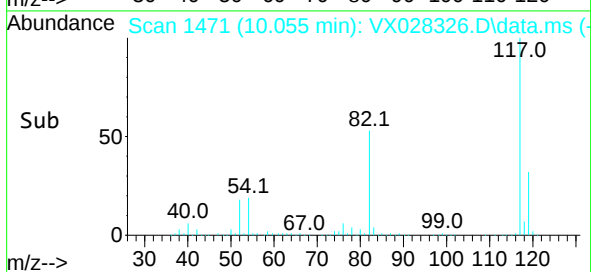
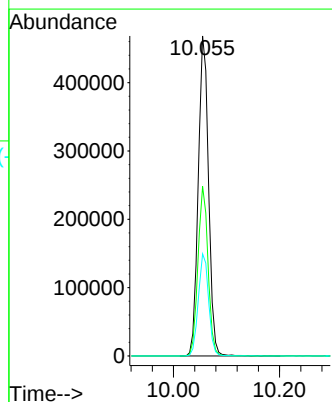
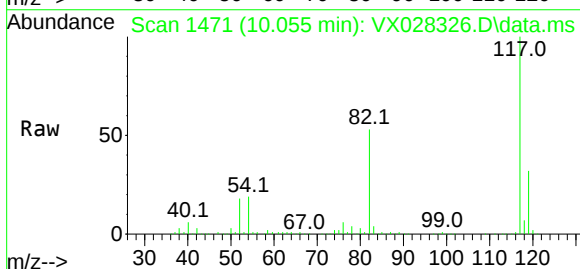
Instrument :
MSVOA_X
ClientSampleId :
DEWATERING-EFFLUENT-042522

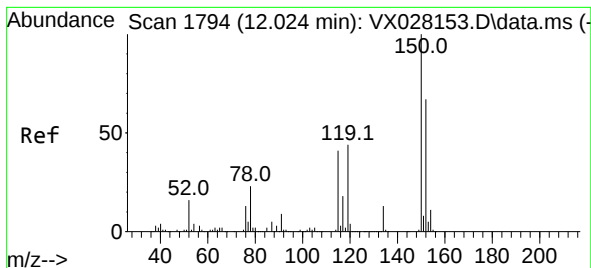
Tgt Ion: 95 Resp: 322576
Ion Ratio Lower Upper
95 100
174 83.2 0.0 163.0
176 81.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028326.D
Acq: 25 Apr 2022 15:01

Tgt Ion: 117 Resp: 630816
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 31.9 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX028326.D

Acq: 25 Apr 2022 15:01

Instrument :

MSVOA_X

ClientSampleId :

DEWATERING-EFFLUENT-042522

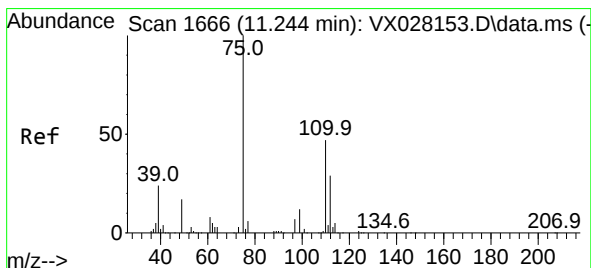
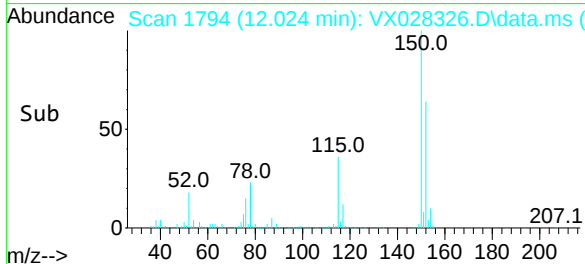
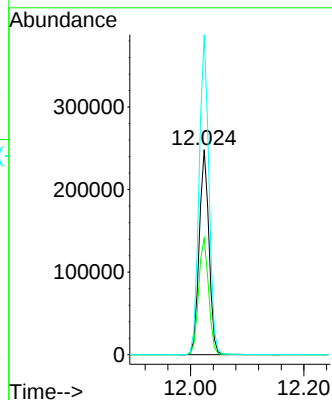
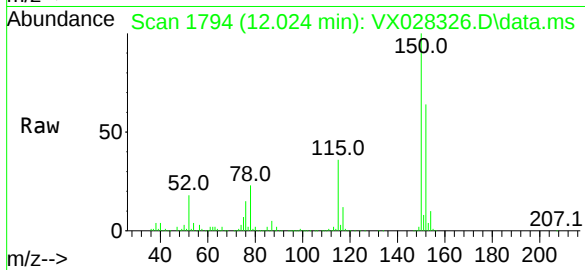
Tgt Ion:152 Resp: 296290

Ion Ratio Lower Upper

152 100

115 57.9 37.5 112.7

150 157.0 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 27.745 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX028326.D

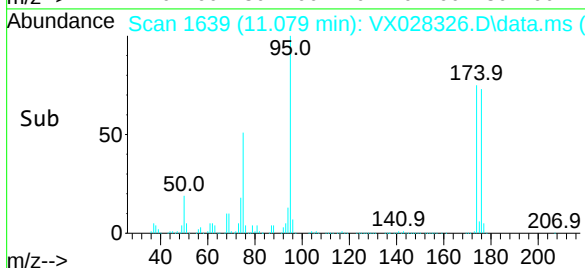
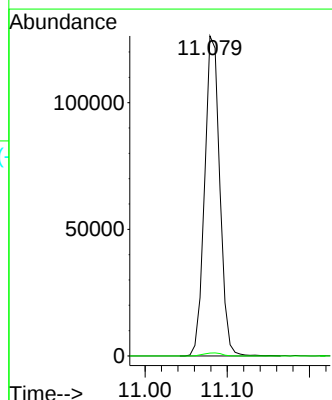
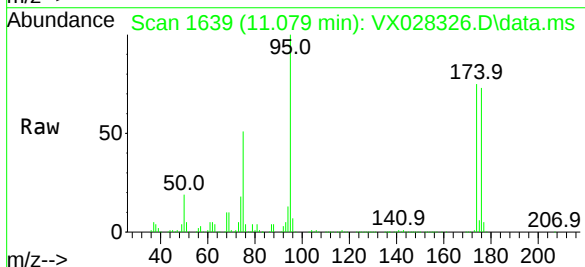
Acq: 25 Apr 2022 15:01

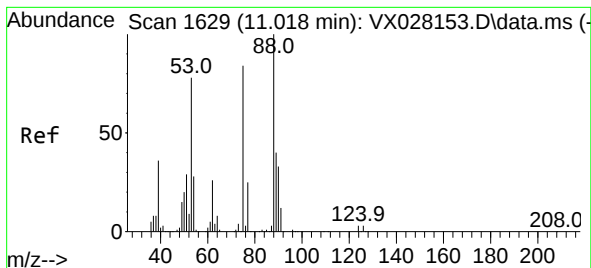
Tgt Ion: 75 Resp: 161784

Ion Ratio Lower Upper

75 100

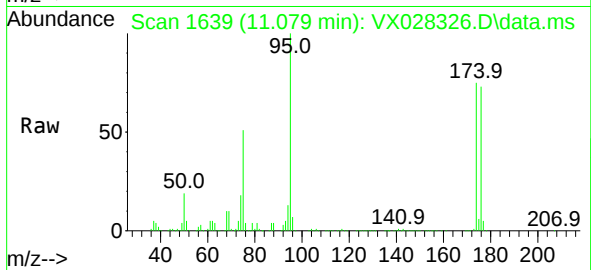
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.450 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028326.D
 Acq: 25 Apr 2022 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 DEWATERING-EFFLUENT-042522



Tgt Ion: 75 Resp: 161784
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

