

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
 Data File : VX036389.D
 Acq On : 30 Jun 2023 13:03
 Operator : JC/MD
 Sample : 03494-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jul 01 01:21:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

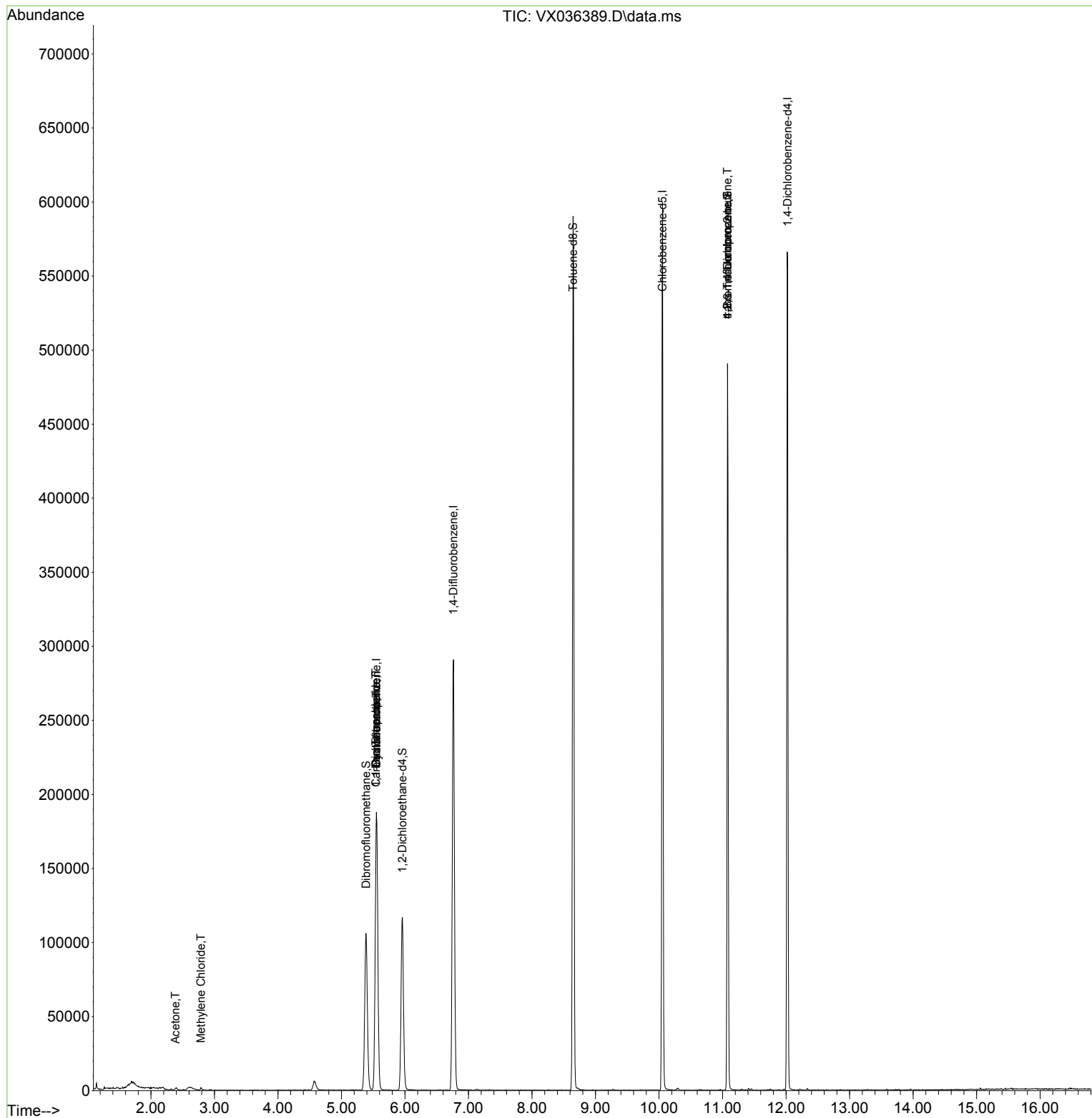
Internal Standards						
1) Pentafluorobenzene	5.550	168	180662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	296725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112694	43.517	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.040%		
35) Dibromofluoromethane	5.385	113	92746	47.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.800%		
50) Toluene-d8	8.647	98	353890	48.428	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.860%		
62) 4-Bromofluorobenzene	11.079	95	127142	49.395	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.800%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	1979	1.788	ug/l #	81
20) Methylene Chloride	2.788	84	816	0.342	ug/l #	77
31) Cyclohexane	5.550	56	3903	1.176	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	14642	5.020	ug/l #	50
38) Carbon Tetrachloride	5.544	117	18468	6.933	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	65159	25.471	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	65159	83.030	ug/l #	5

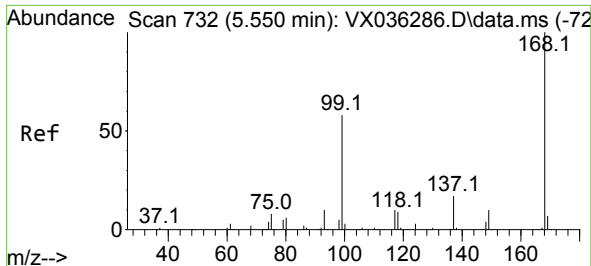
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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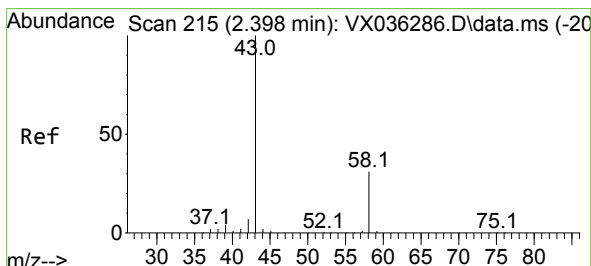
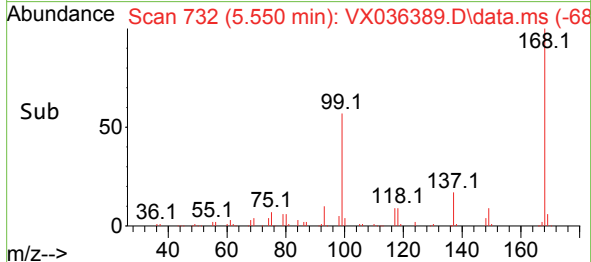
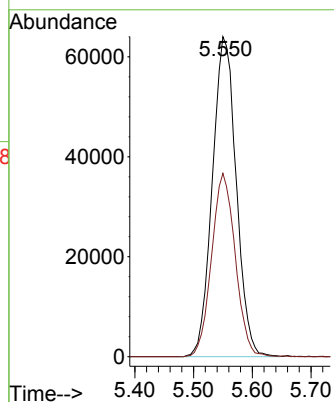
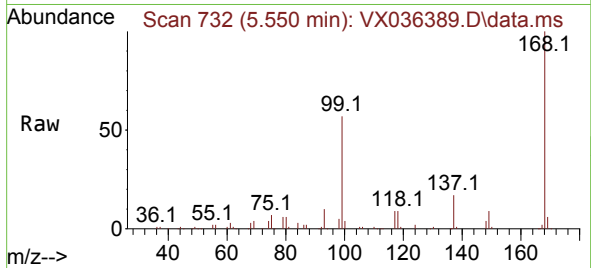




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036389.D
Acq: 30 Jun 2023 13:03

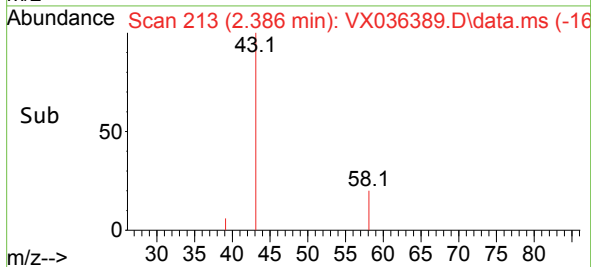
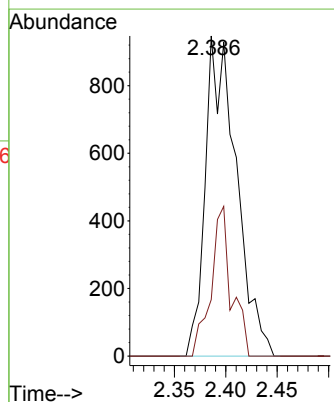
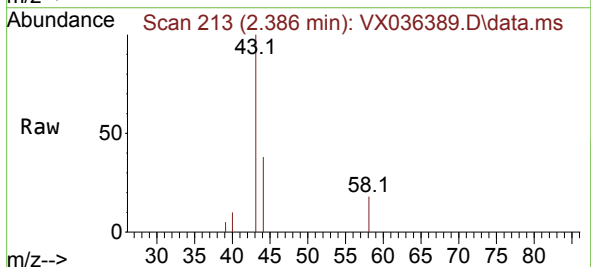
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

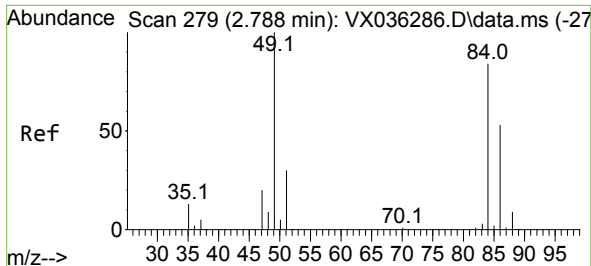
Tgt Ion:168 Resp: 180662
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#16
Acetone
Concen: 1.788 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036389.D
Acq: 30 Jun 2023 13:03

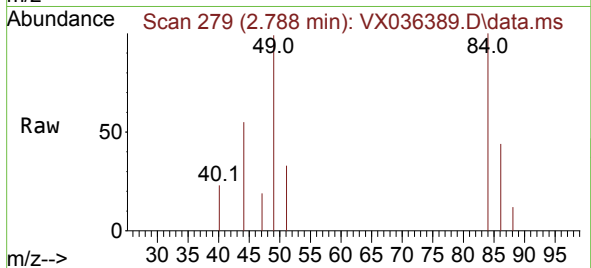
Tgt Ion: 43 Resp: 1979
Ion Ratio Lower Upper
43 100
58 17.6 21.9 32.9#



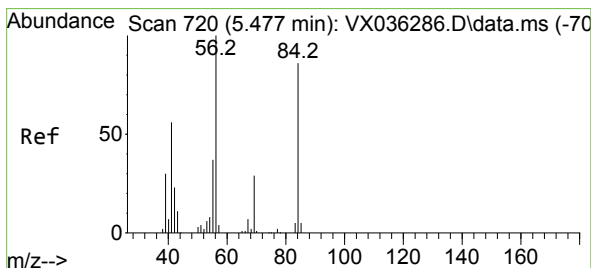
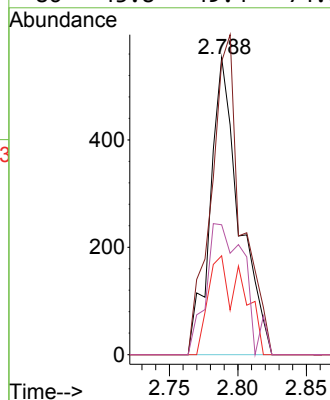


#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036389.D
Acq: 30 Jun 2023 13:03

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

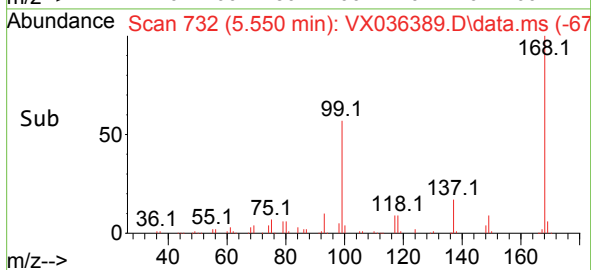
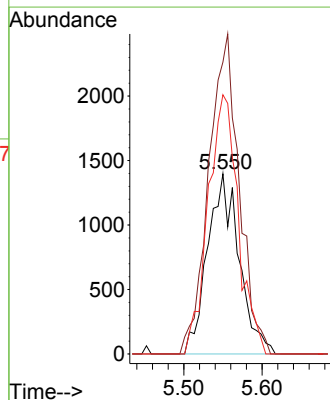
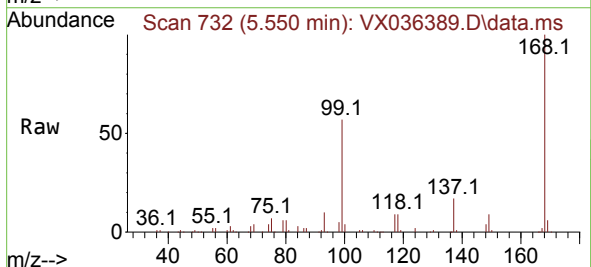


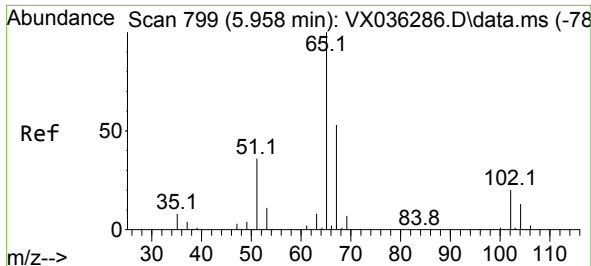
Tgt Ion: 84	Resp: 816
Ion Ratio	Lower Upper
84 100	
49 98.7	103.6 155.4#
51 33.3	33.8 50.6#
86 43.8	49.4 74.0#



#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036389.D
Acq: 30 Jun 2023 13:03

Tgt Ion: 56	Resp: 3903
Ion Ratio	Lower Upper
56 100	
69 161.9	23.4 35.2#
84 143.8	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.517 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036389.D

Acq: 30 Jun 2023 13:03

Instrument :

MSVOA_X

ClientSampleId :

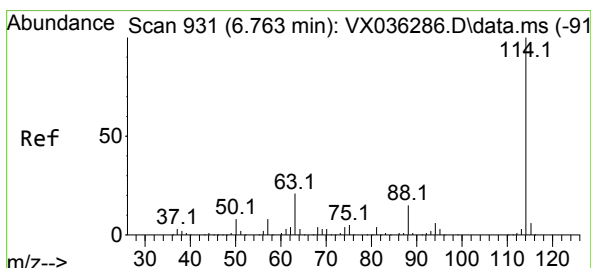
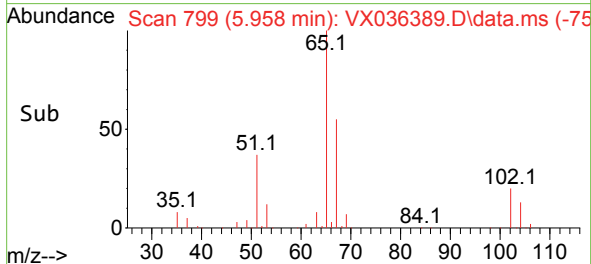
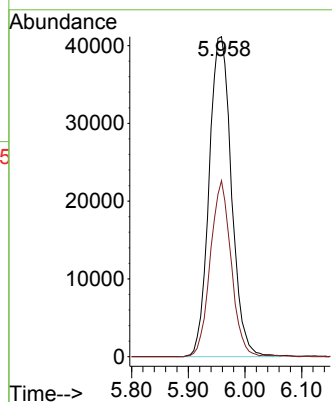
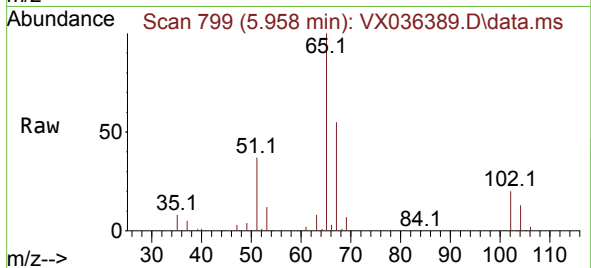
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 112694

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036389.D

Acq: 30 Jun 2023 13:03

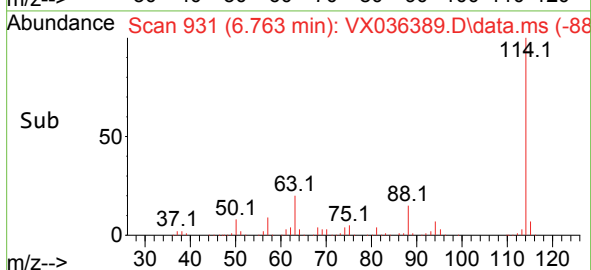
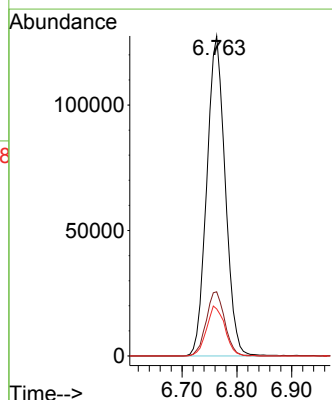
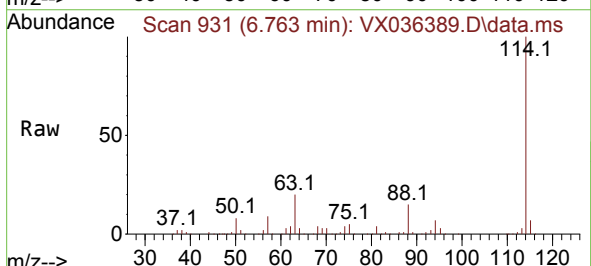
Tgt Ion: 114 Resp: 296725

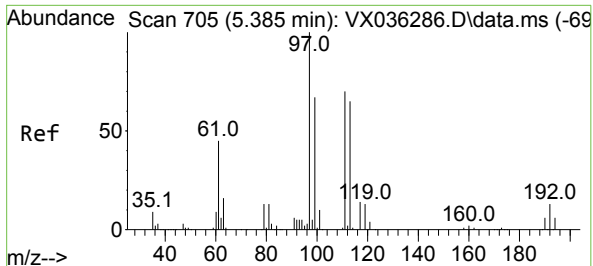
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 14.7 0.0 36.6

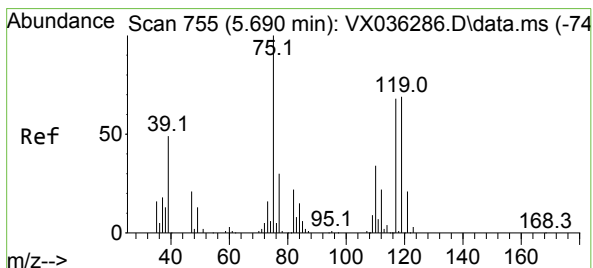
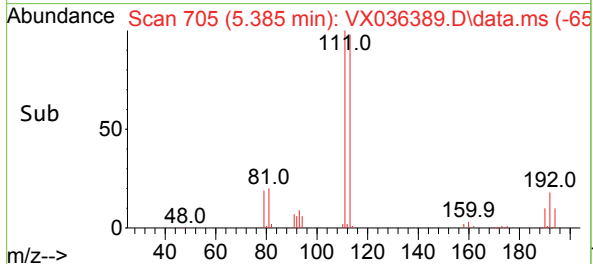
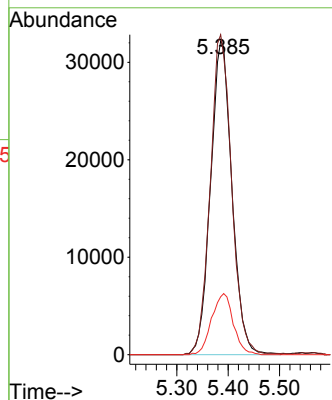
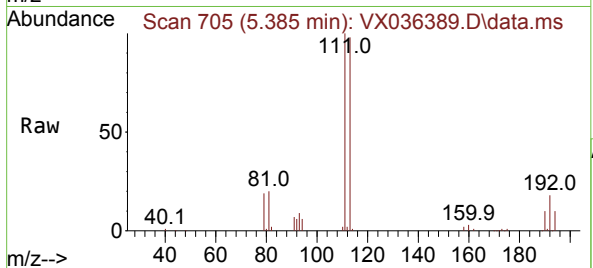




#35
Dibromofluoromethane
Concen: 47.403 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036389.D
Acq: 30 Jun 2023 13:03

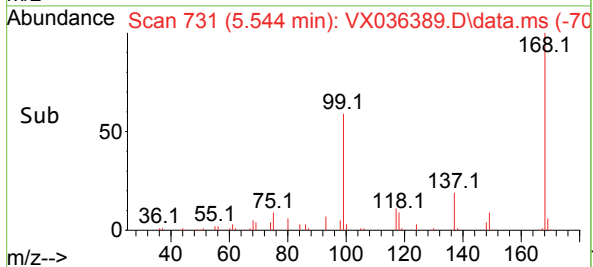
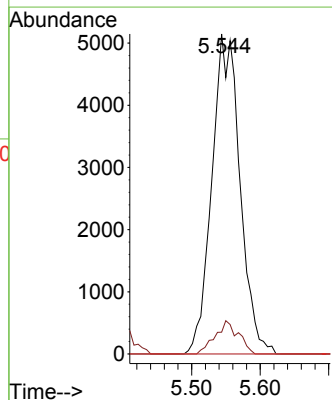
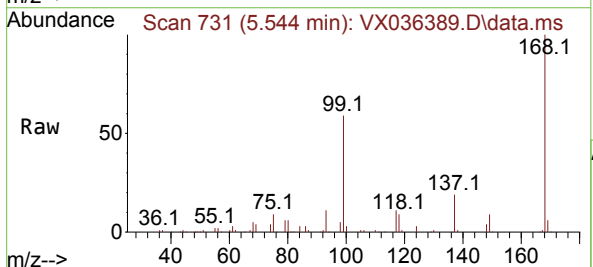
Instrument :
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ClientSampleId :
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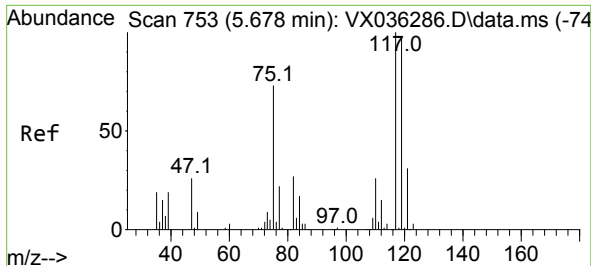
Tgt Ion:113 Resp: 92746
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX036389.D
Acq: 30 Jun 2023 13:03

Tgt Ion: 75 Resp: 14642
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#

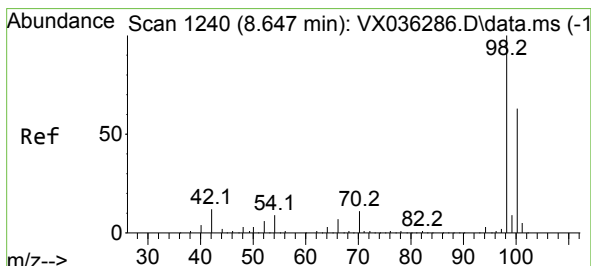
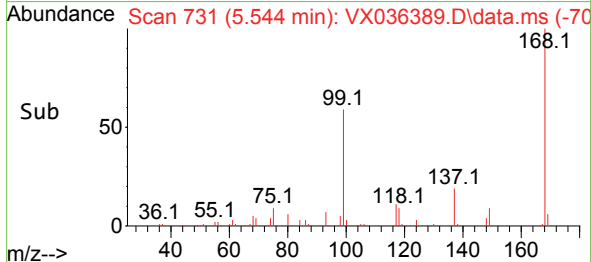
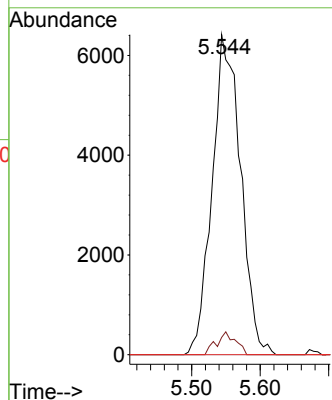
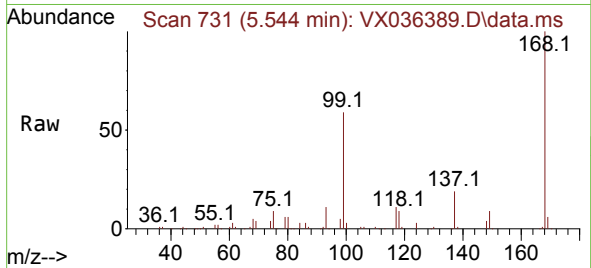




#38
Carbon Tetrachloride
Concen: 6.933 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036389.D
Acq: 30 Jun 2023 13:03

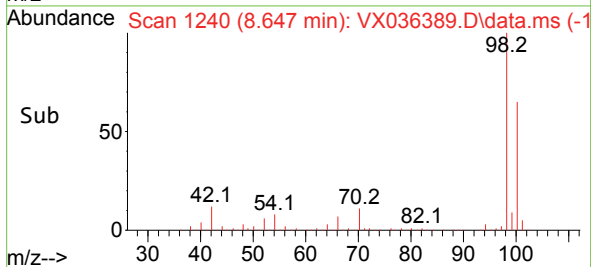
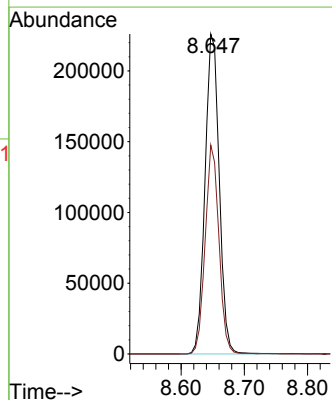
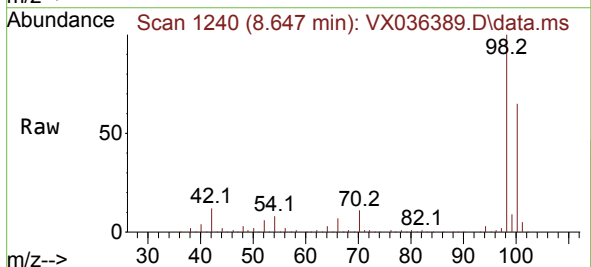
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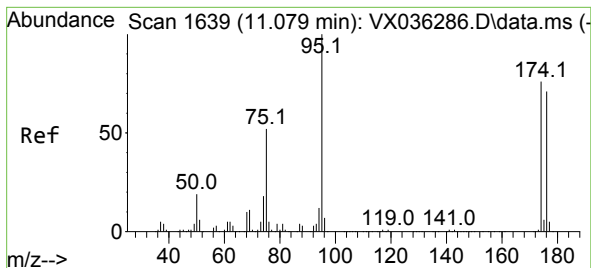
Tgt Ion:117 Resp: 18468
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.428 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036389.D
Acq: 30 Jun 2023 13:03

Tgt Ion: 98 Resp: 353890
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

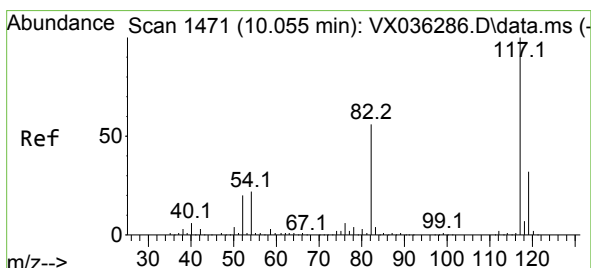
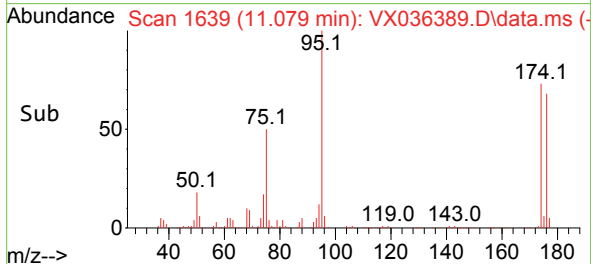
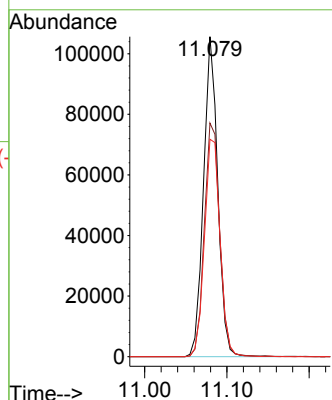
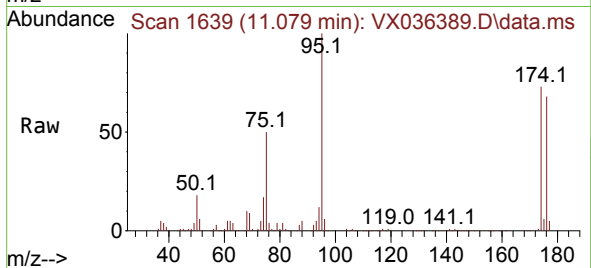




#62
4-Bromofluorobenzene
Concen: 49.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036389.D
Acq: 30 Jun 2023 13:03

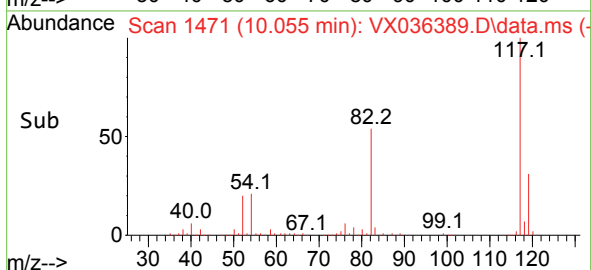
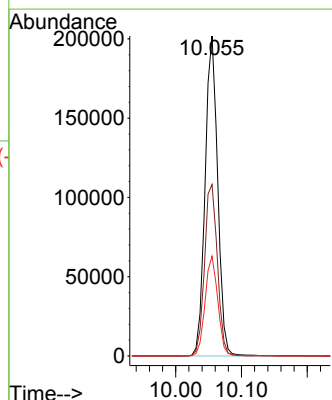
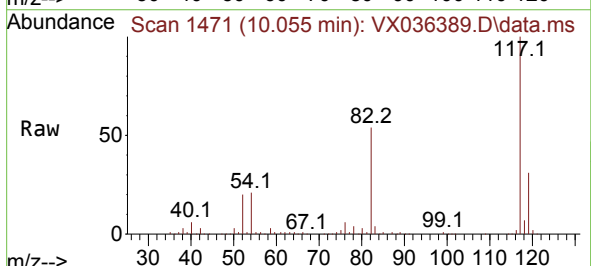
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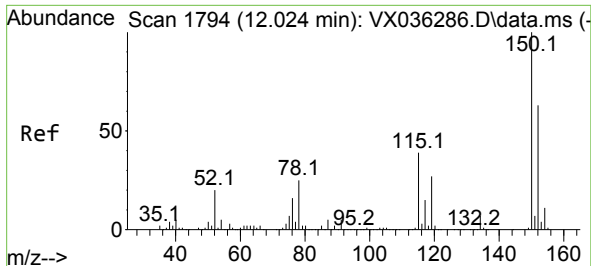
Tgt Ion: 95 Resp: 127142
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 74.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036389.D
Acq: 30 Jun 2023 13:03

Tgt Ion: 117 Resp: 268040
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 31.2 25.5 38.3

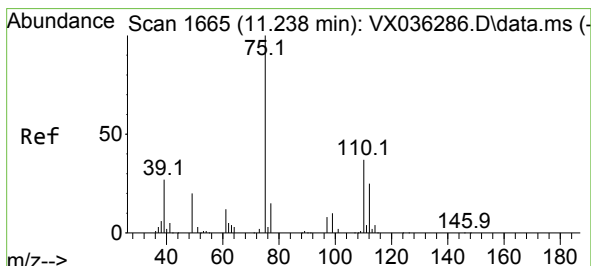
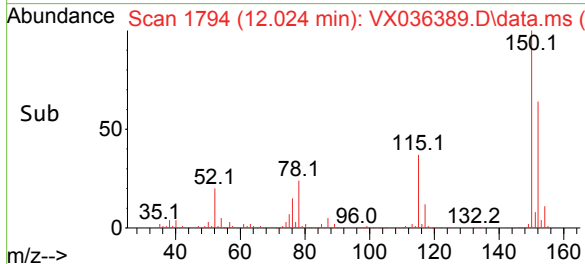
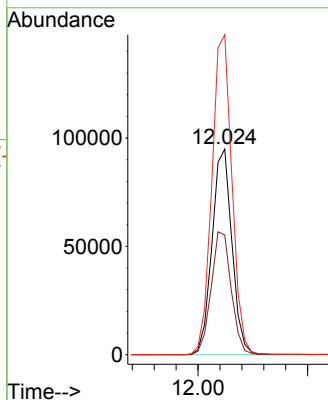
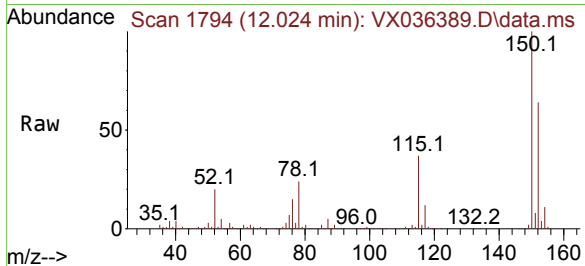




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036389.D
 Acq: 30 Jun 2023 13:03

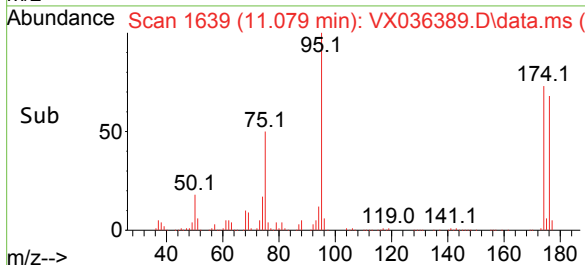
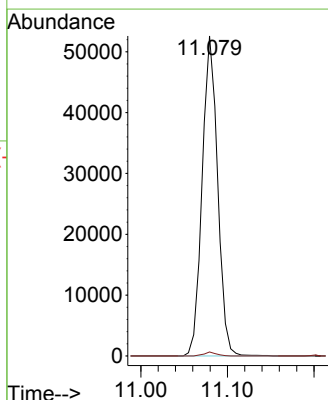
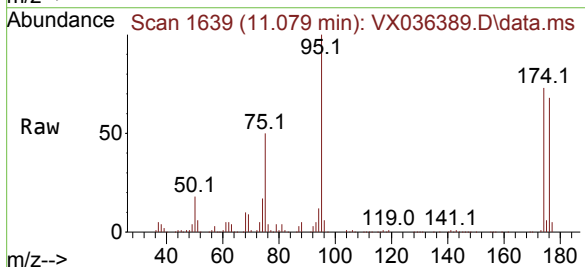
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

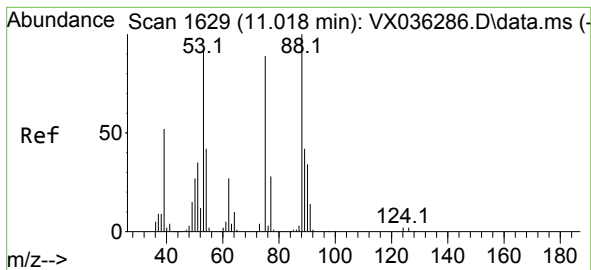
Tgt Ion:152 Resp: 119929
 Ion Ratio Lower Upper
 152 100
 115 60.3 43.3 129.9
 150 156.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.471 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036389.D
 Acq: 30 Jun 2023 13:03

Tgt Ion: 75 Resp: 65159
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.030 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036389.D
 Acq: 30 Jun 2023 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 65159
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

