

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036459.D
 Acq On : 07 Jul 2023 14:40
 Operator : JC/MD
 Sample : 03552-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 07 23:05:47 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)

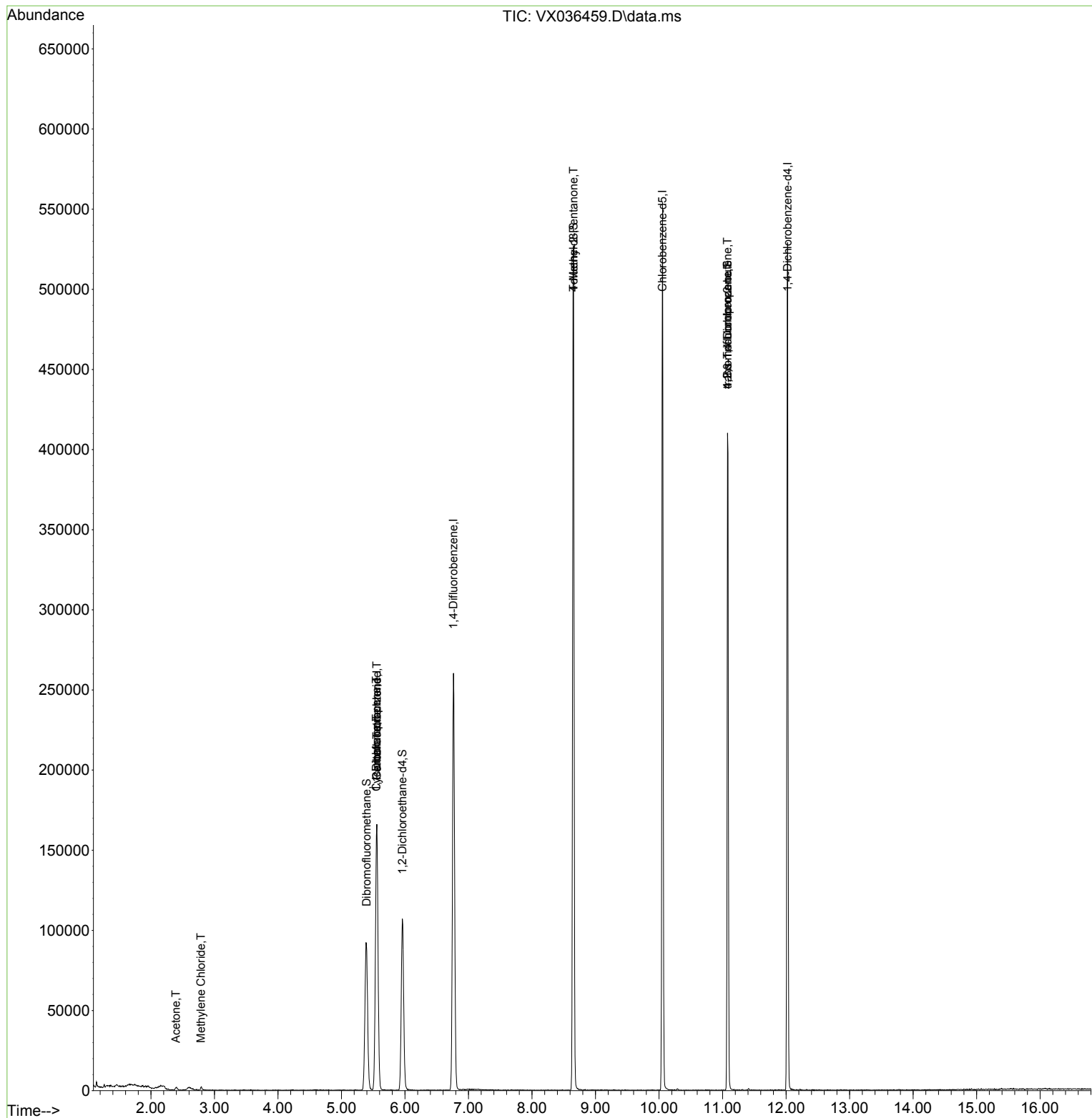
Internal Standards						
1) Pentafluorobenzene	5.556	168	154089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100663	45.574	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.140%
35) Dibromofluoromethane	5.397	113	82098	47.218	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	8.653	98	320173	49.303	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.600%
62) 4-Bromofluorobenzene	11.079	95	112798	49.313	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.620%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	2536	2.686	ug/l #	70
20) Methylene Chloride	2.788	84	899	0.442	ug/l #	74
31) Cyclohexane	5.550	56	3607	1.274	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	12468	4.811	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15890	6.713	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1495	0.551	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57704	24.884	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57704	81.114	ug/l #	5

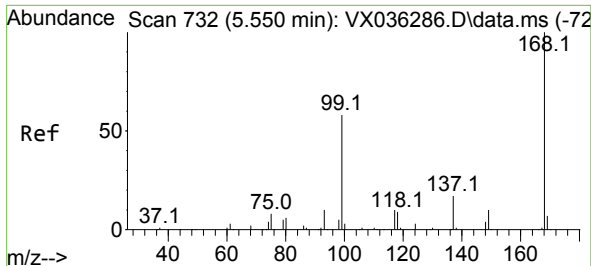
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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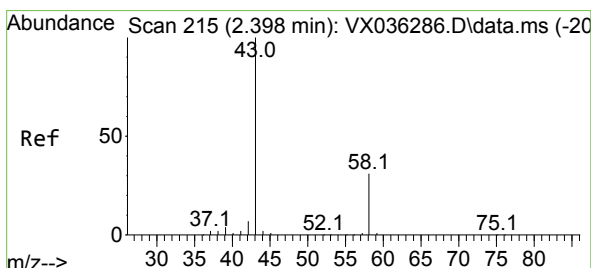
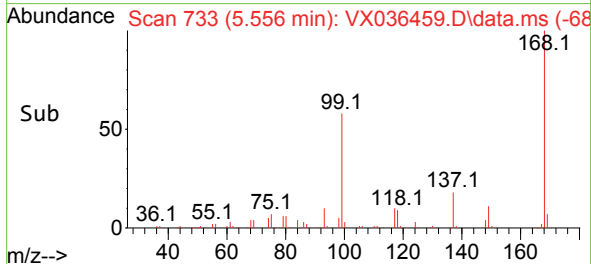
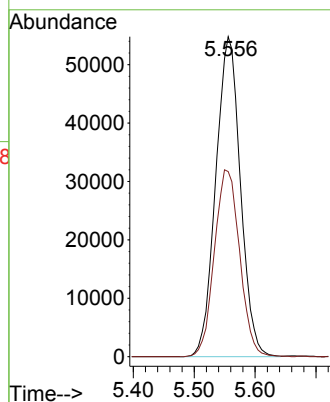
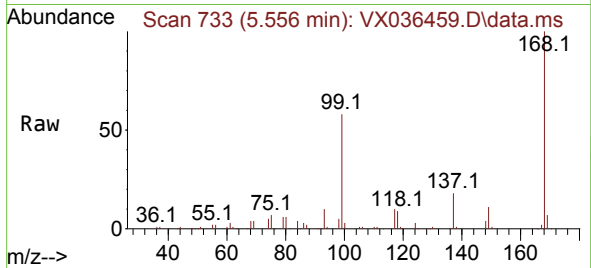




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

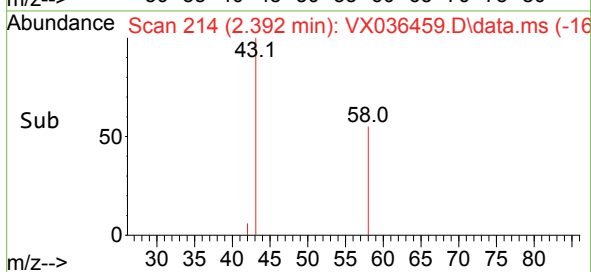
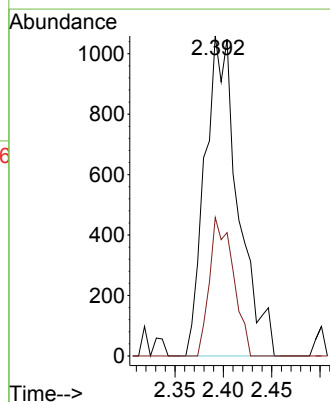
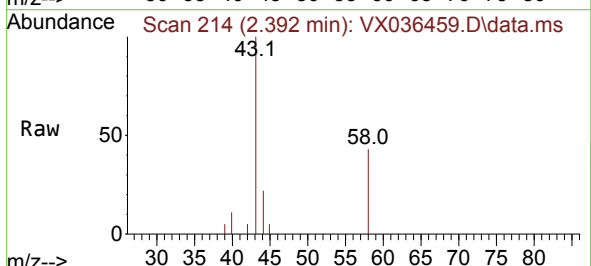
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

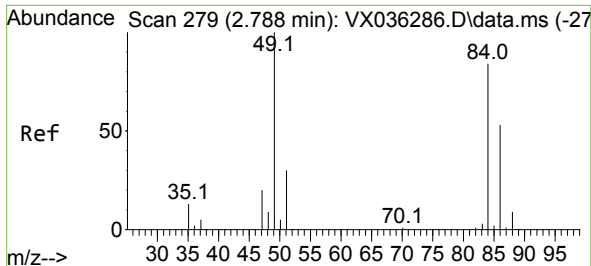
Tgt Ion:168 Resp: 154089
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#16
Acetone
Concen: 2.686 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

Tgt Ion: 43 Resp: 2536
Ion Ratio Lower Upper
43 100
58 43.2 21.9 32.9#

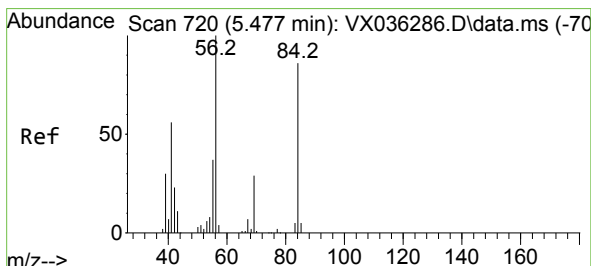
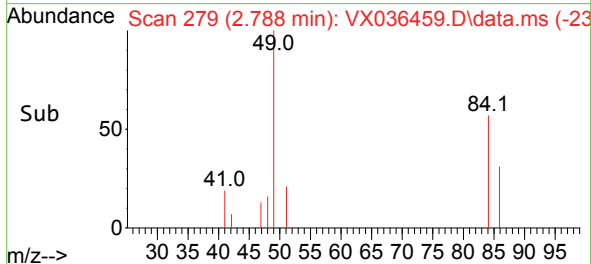
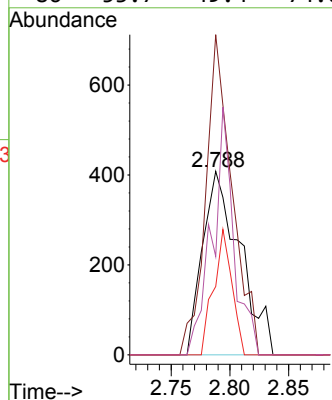
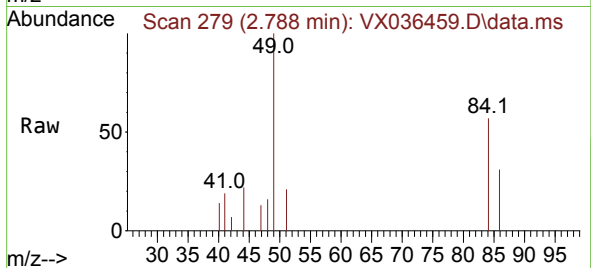




#20
Methylene Chloride
Concen: 0.442 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

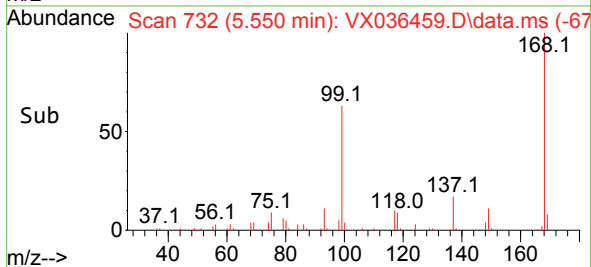
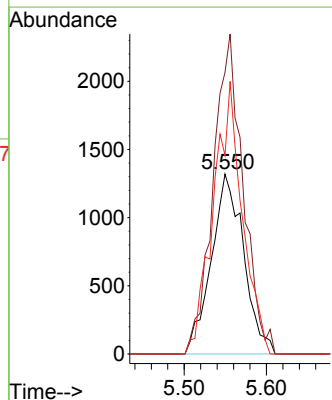
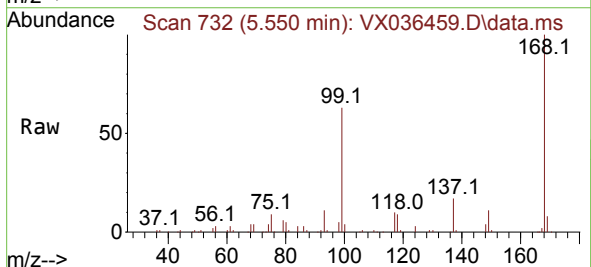
Instrument :
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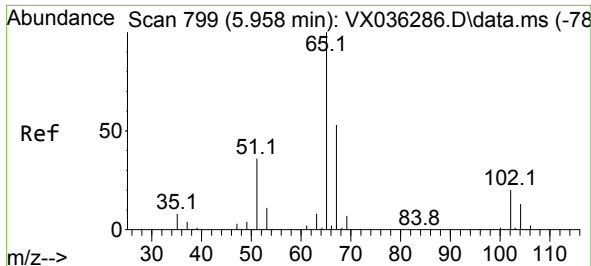
Tgt Ion:	84	Resp:	899
Ion	Ratio	Lower	Upper
84	100		
49	174.5	103.6	155.4#
51	37.3	33.8	50.6
86	53.7	49.4	74.0



#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

Tgt Ion:	56	Resp:	3607
Ion	Ratio	Lower	Upper
56	100		
69	156.6	23.4	35.2#
84	110.4	65.9	98.9#

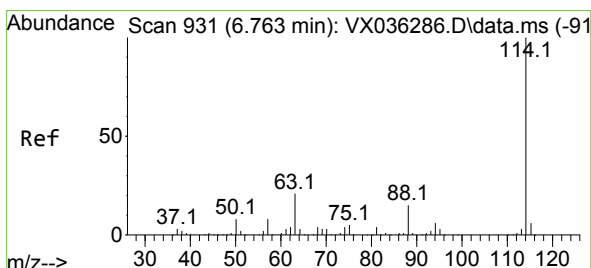
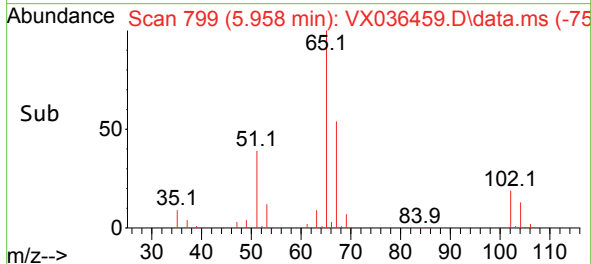
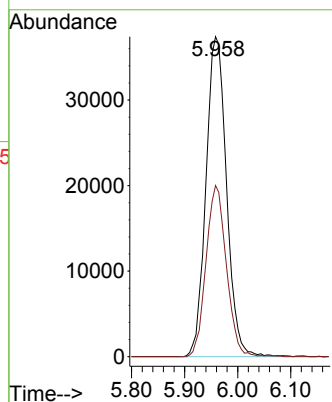
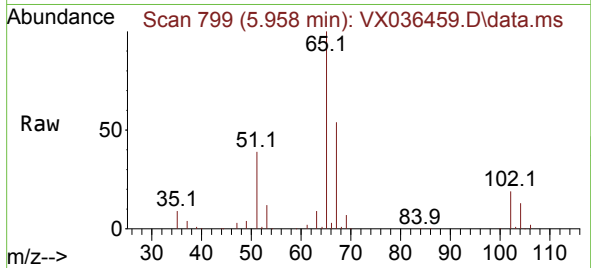




#33
 1,2-Dichloroethane-d4
 Concen: 45.574 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036459.D
 Acq: 07 Jul 2023 14:40

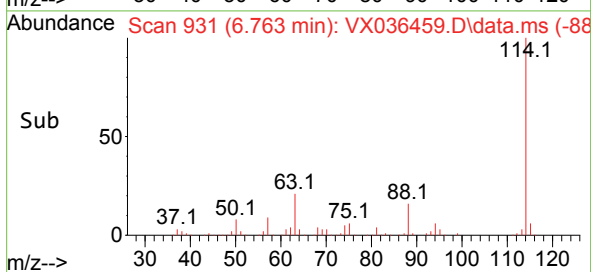
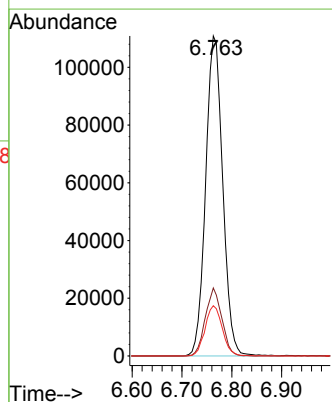
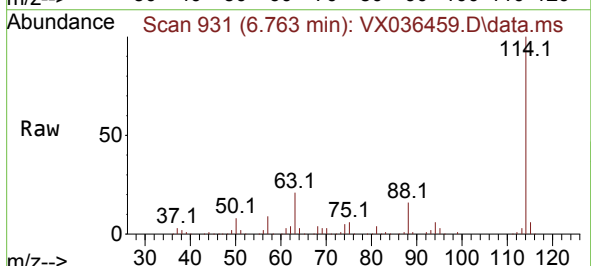
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

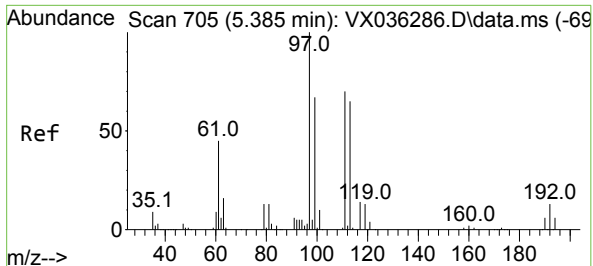
Tgt Ion: 65 Resp: 100663
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036459.D
 Acq: 07 Jul 2023 14:40

Tgt Ion: 114 Resp: 263688
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.0
 88 15.7 0.0 36.6

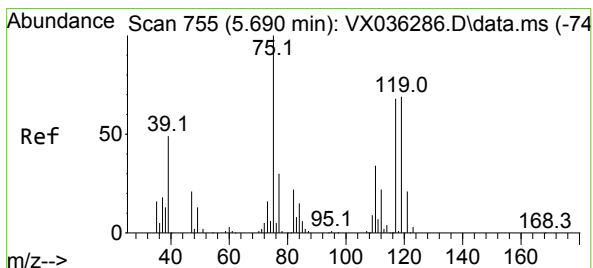
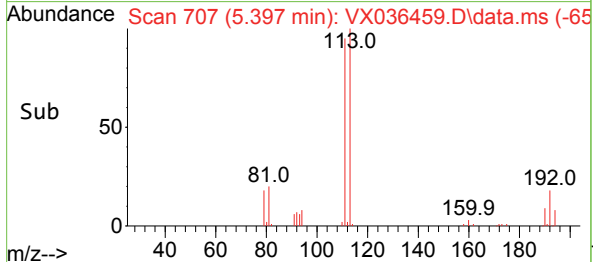
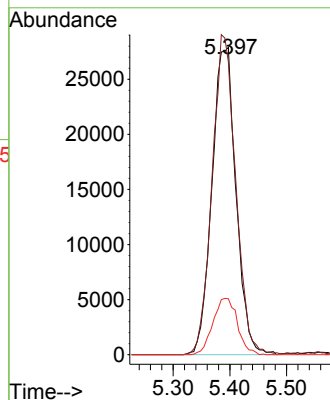
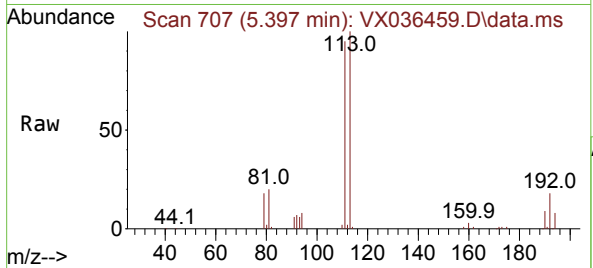




#35
Dibromofluoromethane
Concen: 47.218 ug/l
RT: 5.397 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

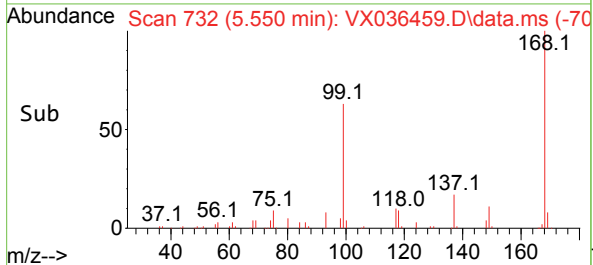
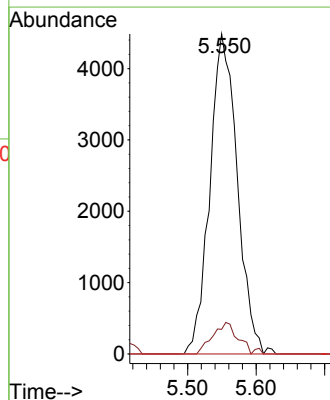
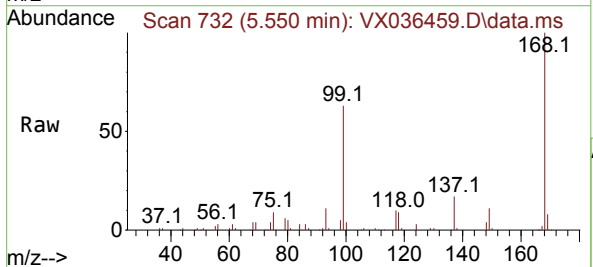
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

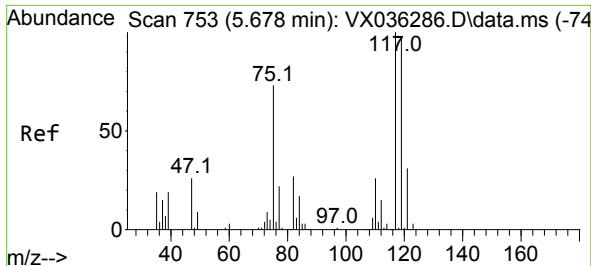
Tgt Ion:113 Resp: 82098
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

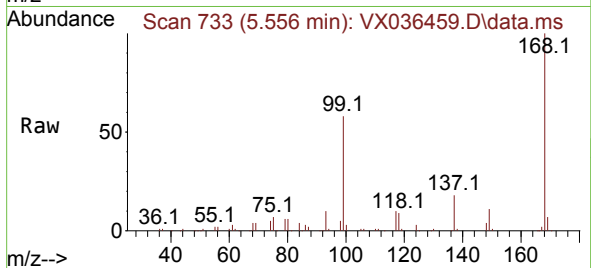
Tgt Ion: 75 Resp: 12468
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



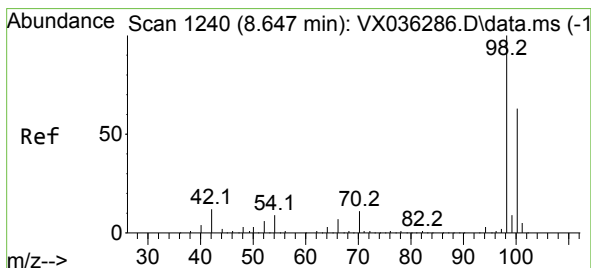
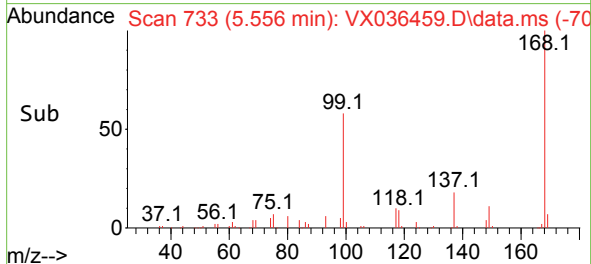
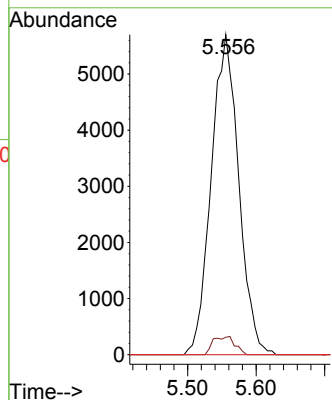


#38
Carbon Tetrachloride
Concen: 6.713 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

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

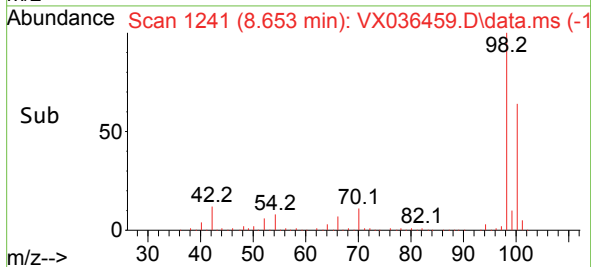
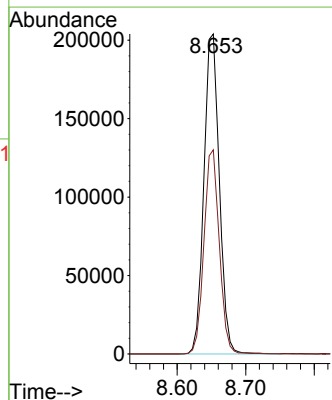
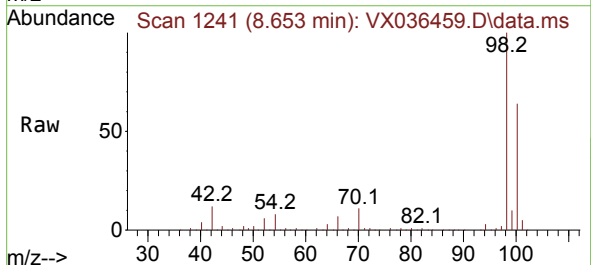


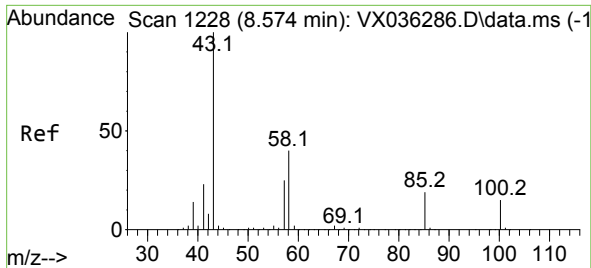
Tgt Ion:117 Resp: 15890
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.303 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

Tgt Ion: 98 Resp: 320173
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

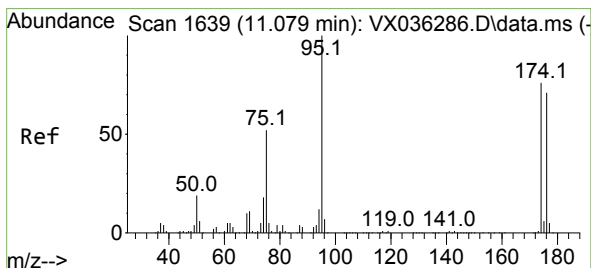
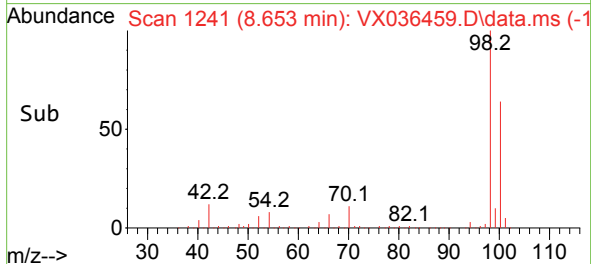
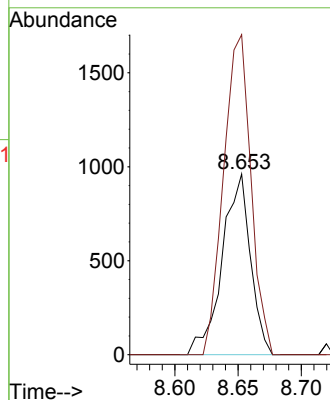
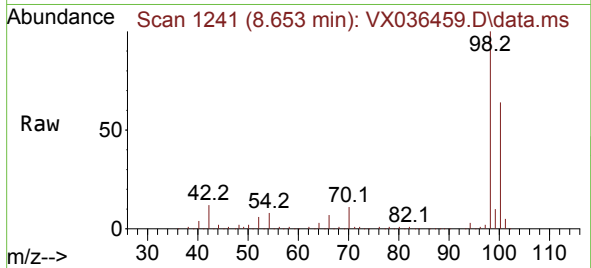




#51
4-Methyl-2-Pentanone
Concen: 0.551 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

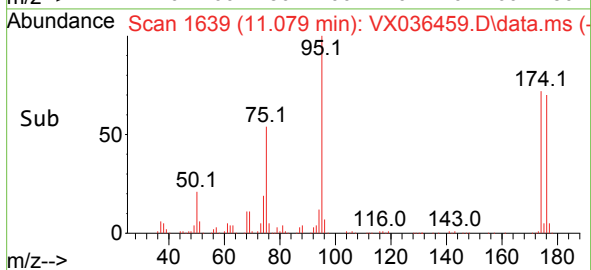
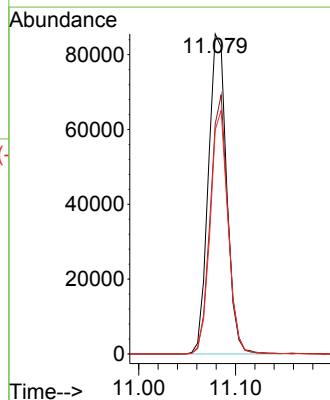
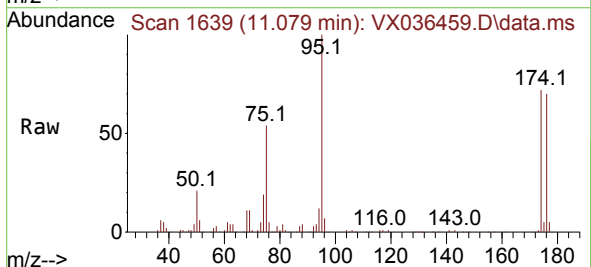
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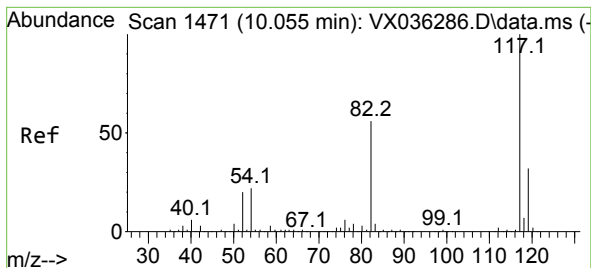
Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 171.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.313 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

Tgt Ion: 95 Resp: 112798
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 74.2 0.0 131.0

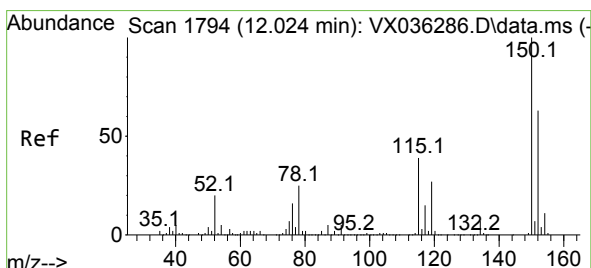
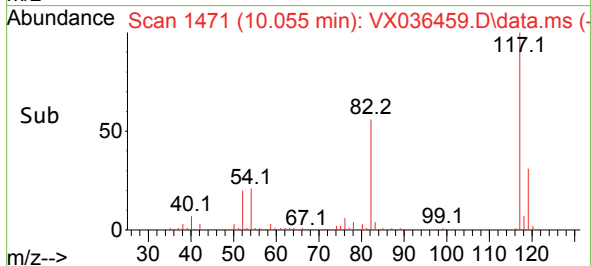
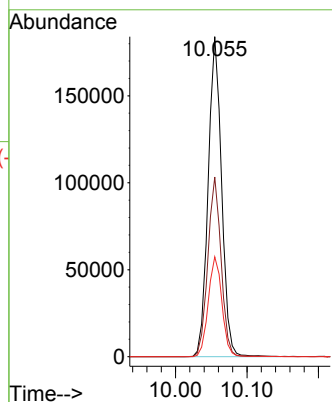
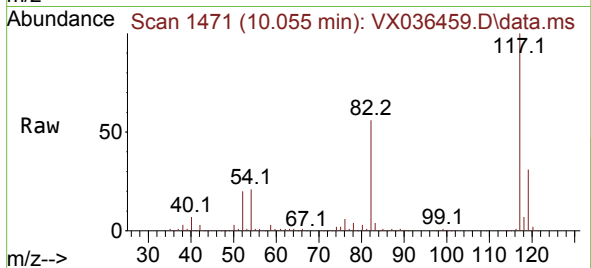




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

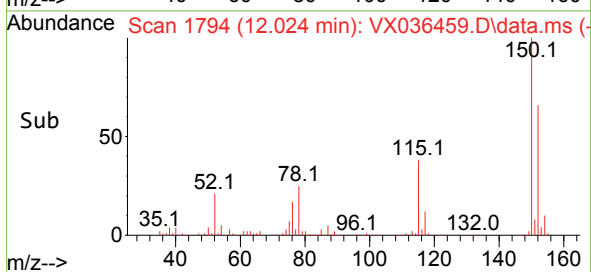
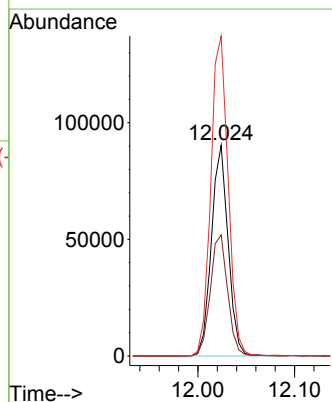
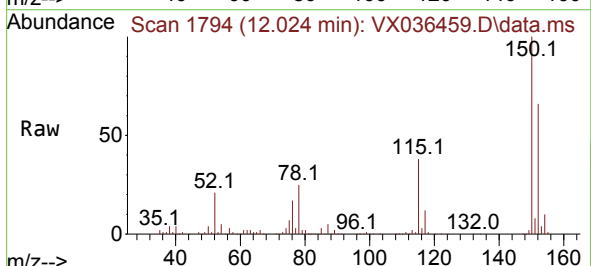
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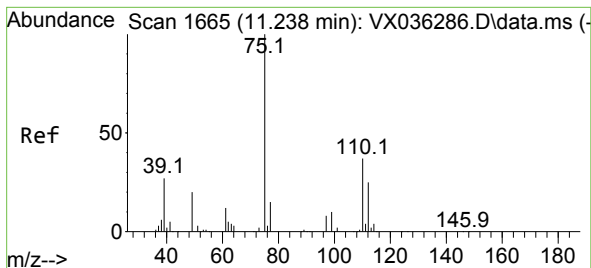
Tgt Ion:117 Resp: 240049
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

Tgt Ion:152 Resp: 108717
Ion Ratio Lower Upper
152 100
115 59.6 43.3 129.9
150 157.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.884 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX036459.D

Acq: 07 Jul 2023 14:40

Instrument :

MSVOA_X

ClientSampleId :

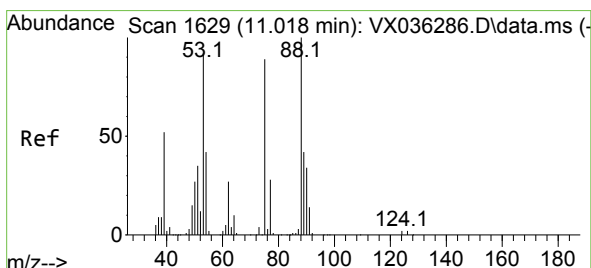
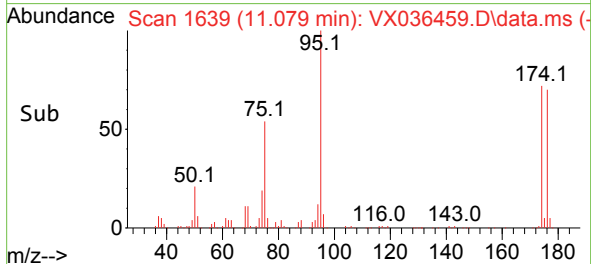
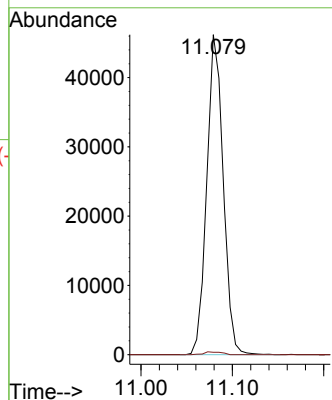
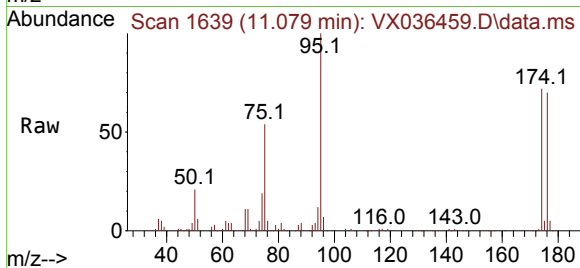
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 57704

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.114 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036459.D

Acq: 07 Jul 2023 14:40

Tgt Ion: 75 Resp: 57704

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

