

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
 Data File : VX031261.D
 Acq On : 09 Sep 2022 16:55
 Operator : JC/MD
 Sample : N4497-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 12 00:59:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	52876	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	93243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	80978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	75699	60.469	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.940%	
35) Dibromofluoromethane	5.385	113	48663	47.892	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.780%	
50) Toluene-d8	8.653	98	165669	44.876	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 89.760%	
62) 4-Bromofluorobenzene	11.085	95	61644	45.565	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.120%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.684	64	115	0.266	ug/l	# 41
11) Tert butyl alcohol	2.946	59	1305	Below Cal	#	74
16) Acetone	2.379	43	245	0.565	ug/l	# 40
31) Cyclohexane	5.562	56	1475	1.054	ug/l	# 21
36) 1,1-Dichloropropene	5.556	75	5378	3.534	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	7273	4.543	ug/l	# 13
51) 4-Methyl-2-Pentanone	8.653	43	762	0.585	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	37936	41.354	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.085	75	37936	133.361	ug/l	# 12

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

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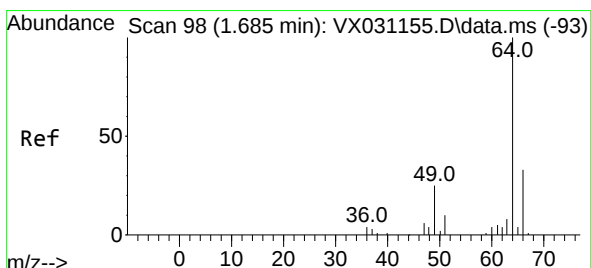
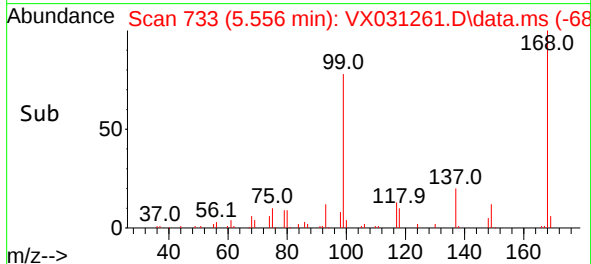
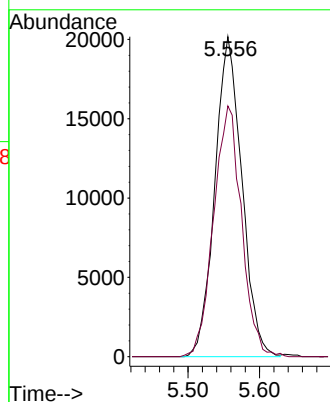
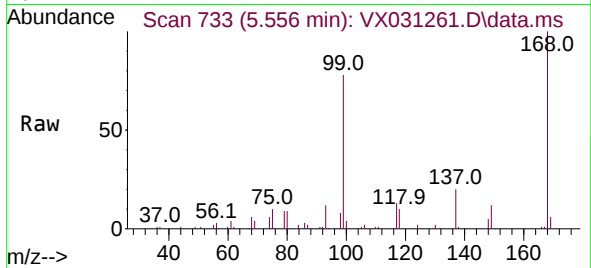




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031261.D
Acq: 09 Sep 2022 16:55

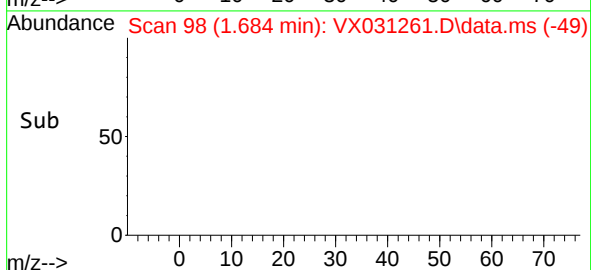
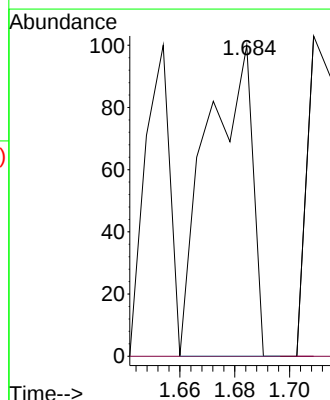
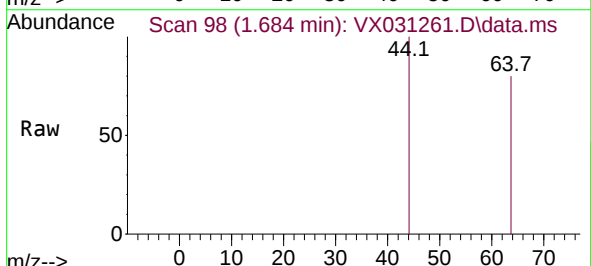
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

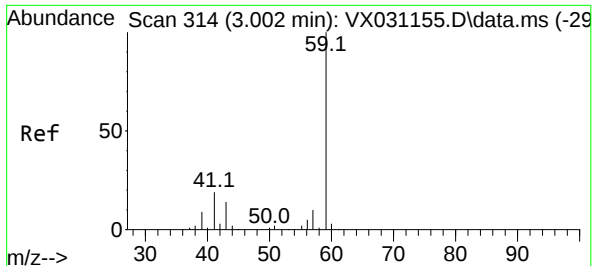
Tgt Ion:168 Resp: 52876
Ion Ratio Lower Upper
168 100
99 78.4 44.0 66.0#



#6
Chloroethane
Concen: 0.266 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031261.D
Acq: 09 Sep 2022 16:55

Tgt Ion: 64 Resp: 115
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.056 min

Lab File: VX031261.D

Acq: 09 Sep 2022 16:55

Instrument :

MSVOA_X

ClientSampleId :

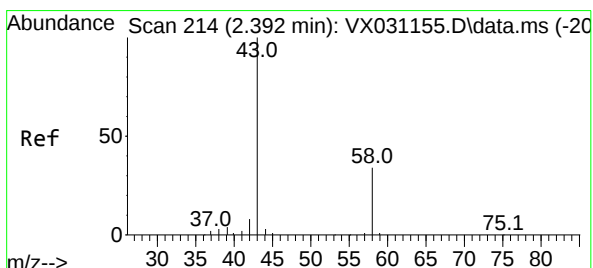
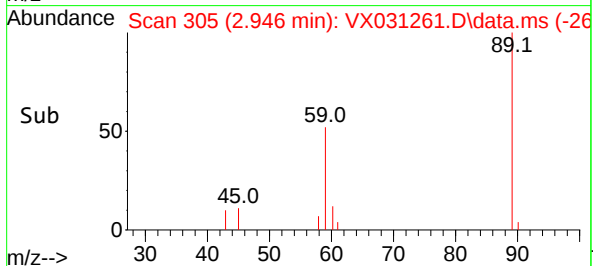
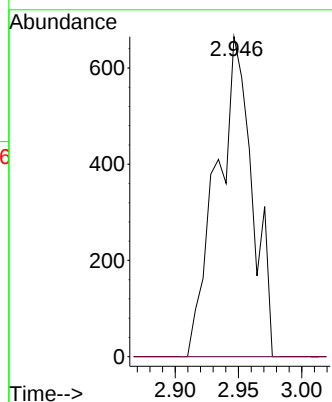
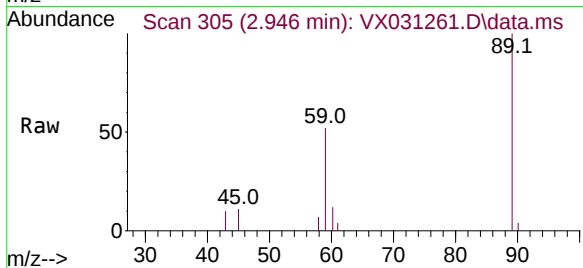
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 59 Resp: 1305

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 0.565 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.013 min

Lab File: VX031261.D

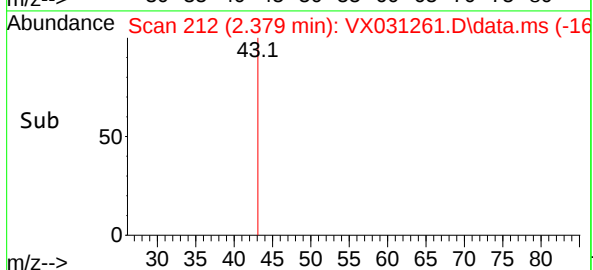
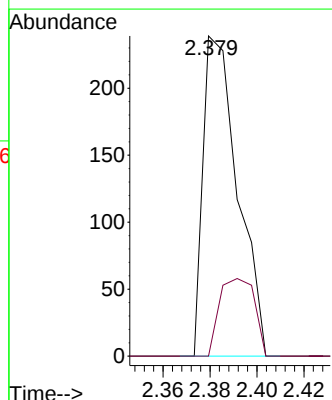
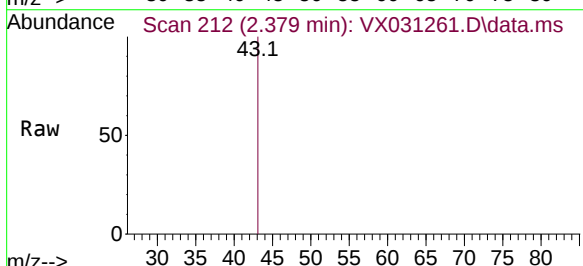
Acq: 09 Sep 2022 16:55

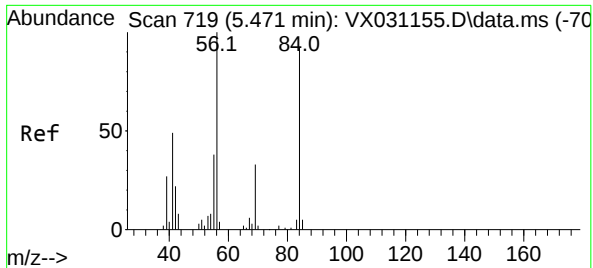
Tgt Ion: 43 Resp: 245

Ion Ratio Lower Upper

43 100

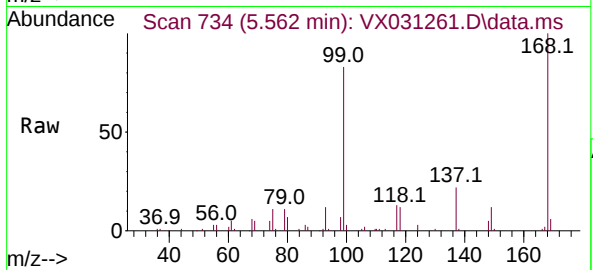
58 0.0 27.7 41.5#



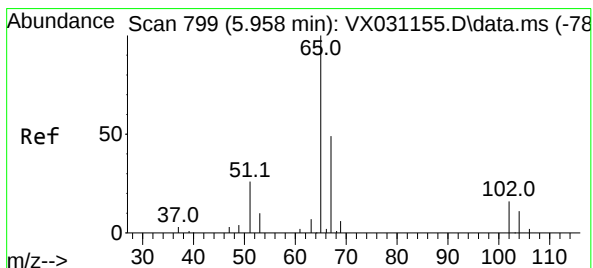
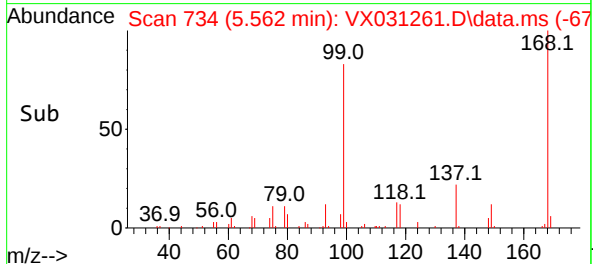
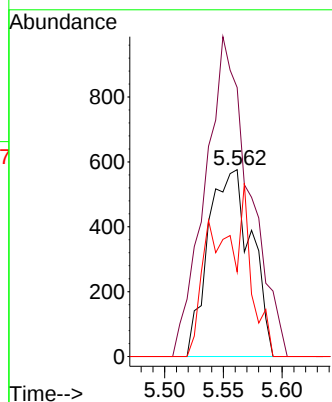


#31
Cyclohexane
Concen: 1.054 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX031261.D
Acq: 09 Sep 2022 16:55

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

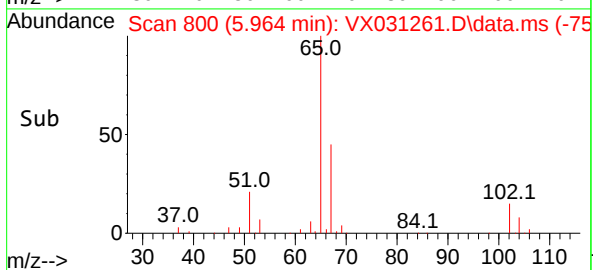
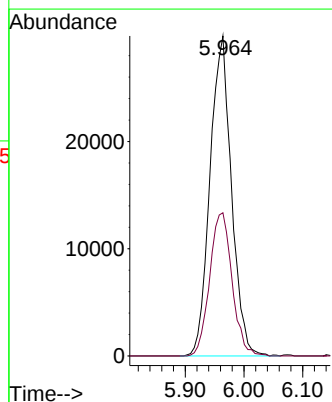
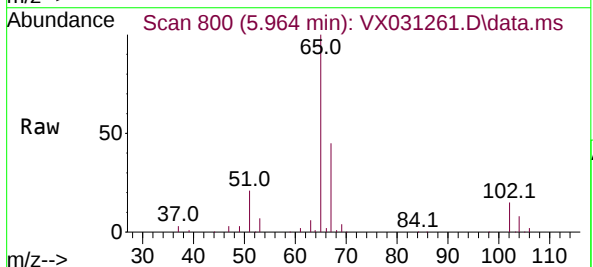


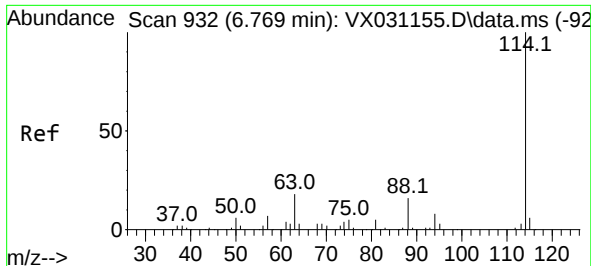
Tgt Ion: 56 Resp: 1475
Ion Ratio Lower Upper
56 100
69 126.9 25.4 38.0#
84 45.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 60.469 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031261.D
Acq: 09 Sep 2022 16:55

Tgt Ion: 65 Resp: 75699
Ion Ratio Lower Upper
65 100
67 46.7 0.0 109.6

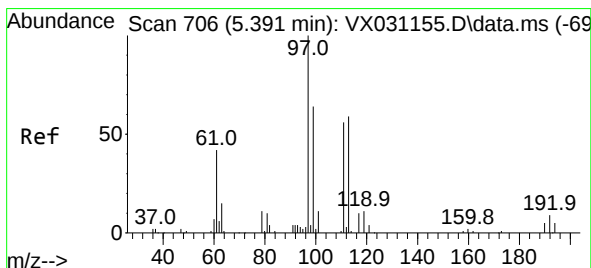
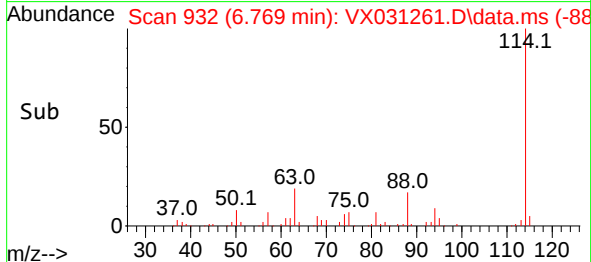
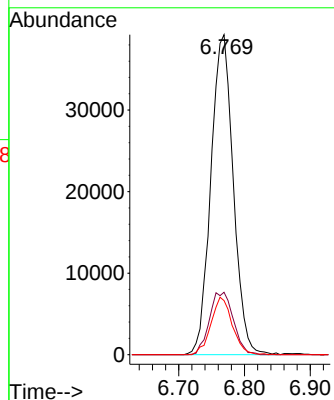
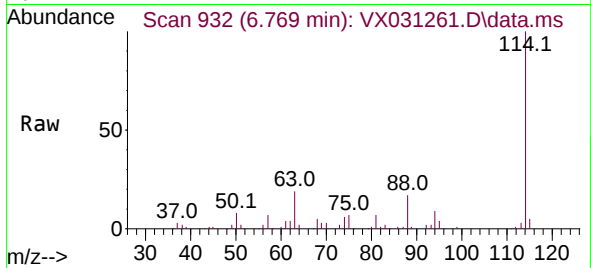




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031261.D
Acq: 09 Sep 2022 16:55

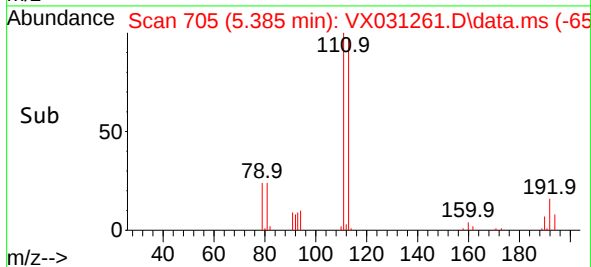
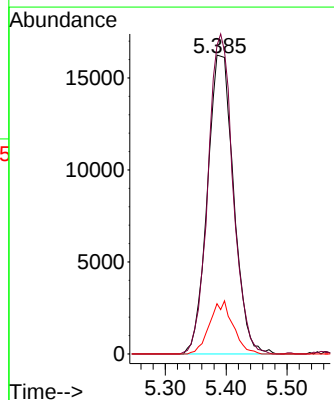
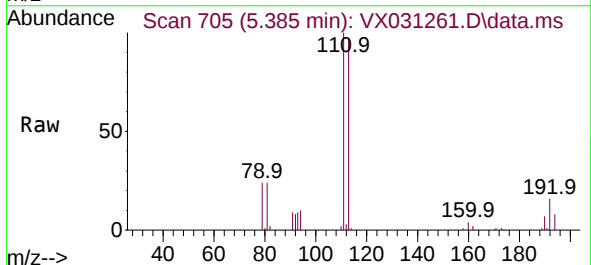
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

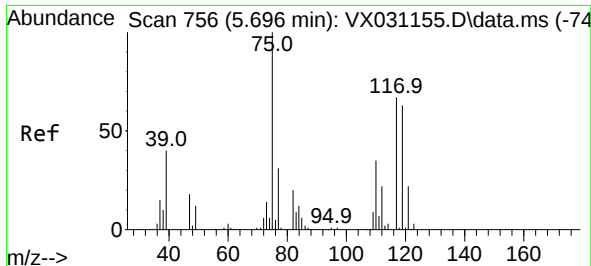
Tgt Ion:114 Resp: 93243
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.4
88 16.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.892 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031261.D
Acq: 09 Sep 2022 16:55

Tgt Ion:113 Resp: 48663
Ion Ratio Lower Upper
113 100
111 102.2 83.2 124.8
192 15.9 14.8 22.2

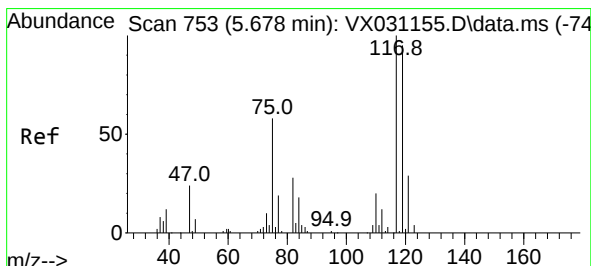
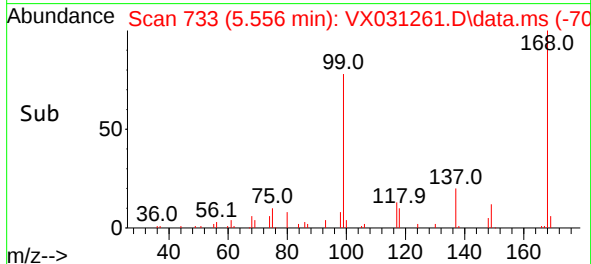
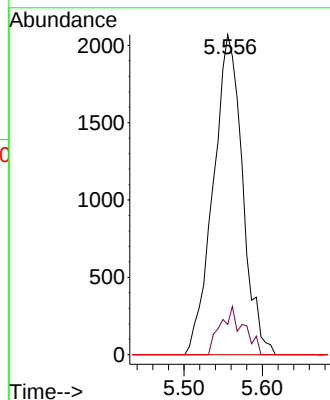
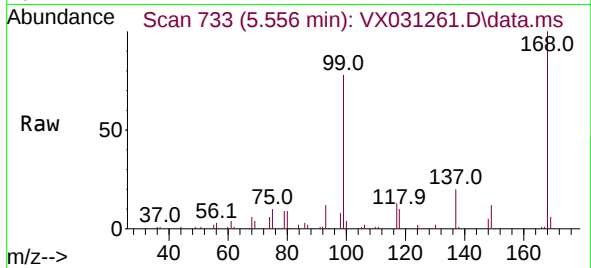




#36
1,1-Dichloropropene
Concen: 3.534 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX031261.D
Acq: 09 Sep 2022 16:55

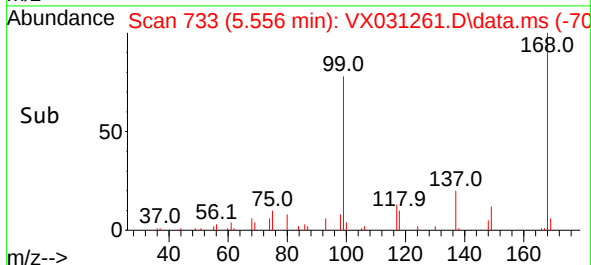
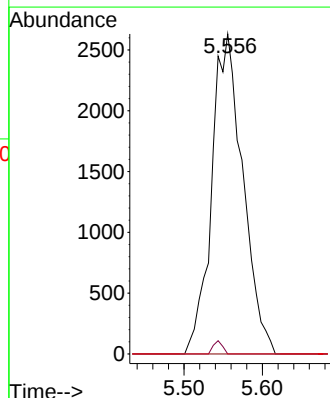
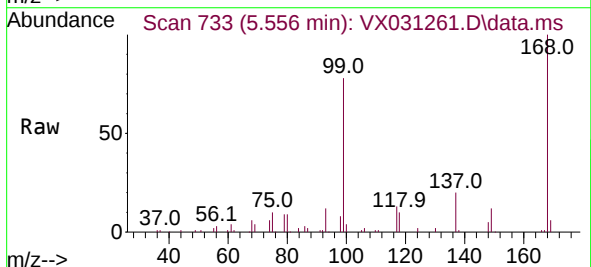
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

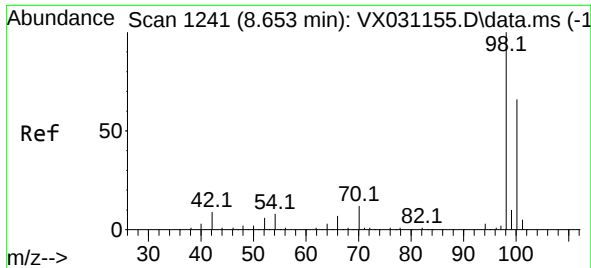
Tgt Ion: 75 Resp: 5378
Ion Ratio Lower Upper
75 100
110 12.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.543 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031261.D
Acq: 09 Sep 2022 16:55

Tgt Ion: 117 Resp: 7273
Ion Ratio Lower Upper
117 100
119 0.0 74.1 111.1#
121 0.0 25.8 38.8#

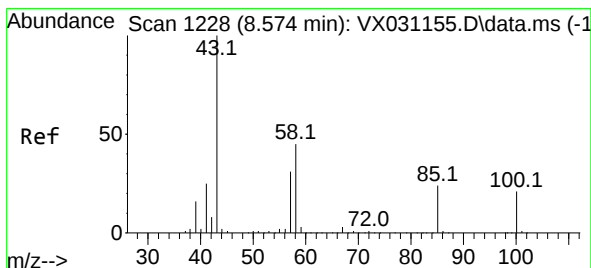
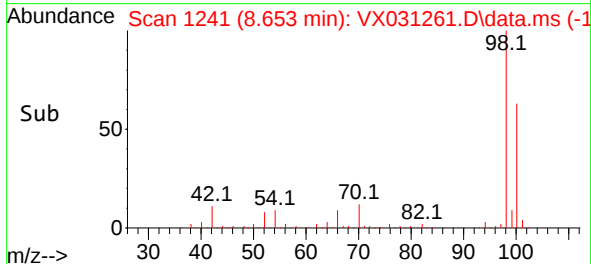
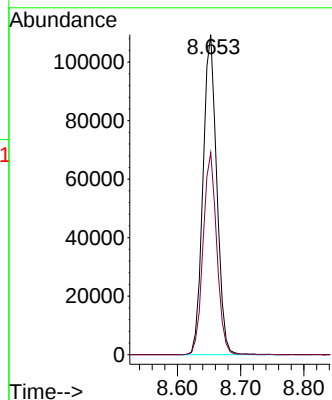
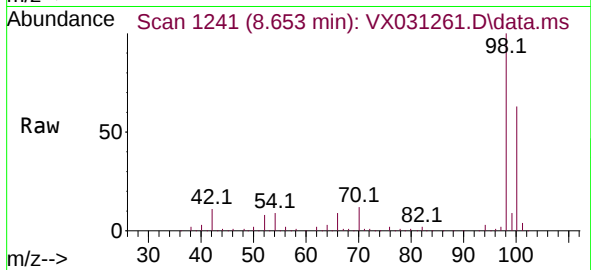




#50
Toluene-d8
Concen: 44.876 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031261.D
Acq: 09 Sep 2022 16:55

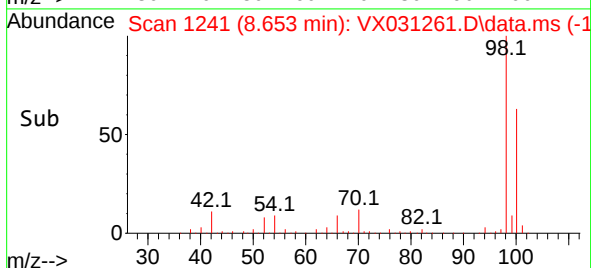
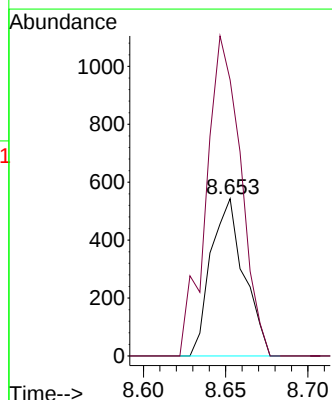
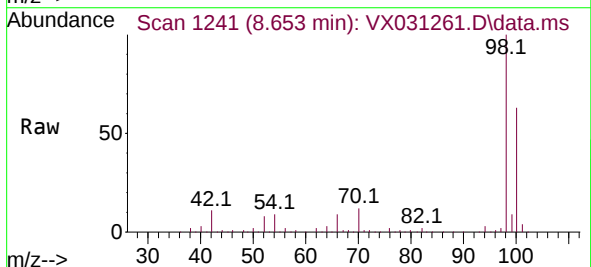
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

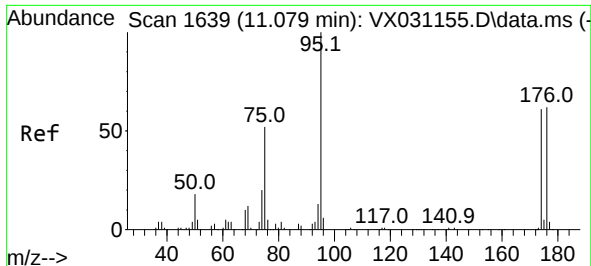
Tgt Ion: 98 Resp: 165669
Ion Ratio Lower Upper
98 100
100 62.7 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX031261.D
Acq: 09 Sep 2022 16:55

Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
58 212.3 31.4 47.2#





#62

4-Bromofluorobenzene

Concen: 45.565 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031261.D

Acq: 09 Sep 2022 16:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

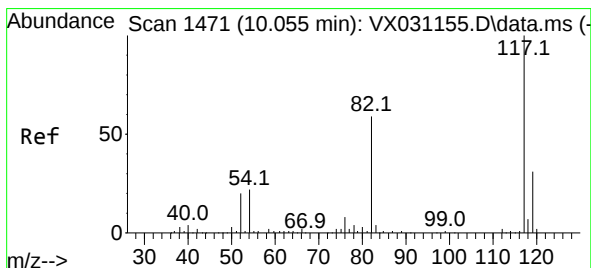
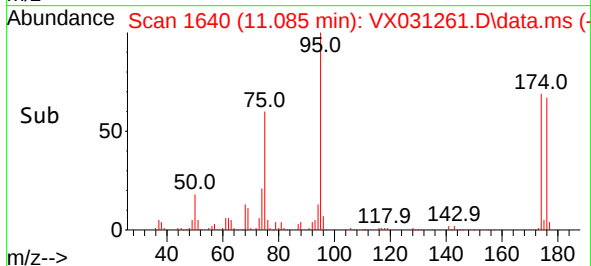
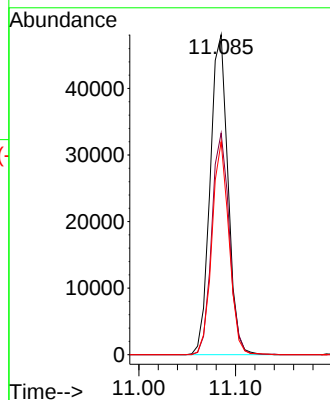
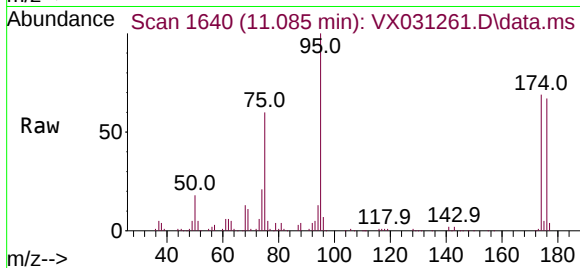
Tgt Ion: 95 Resp: 61644

Ion Ratio Lower Upper

95 100

174 68.4 0.0 149.0

176 63.5 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031261.D

Acq: 09 Sep 2022 16:55

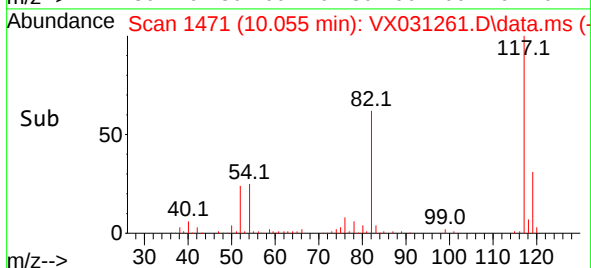
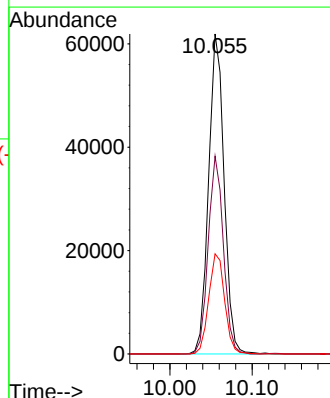
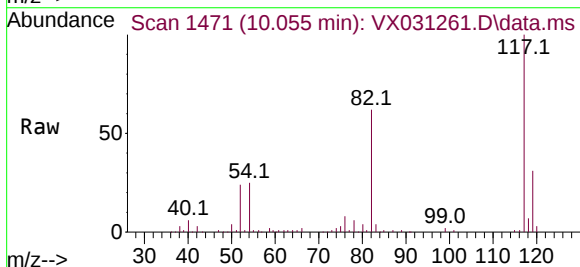
Tgt Ion: 117 Resp: 80978

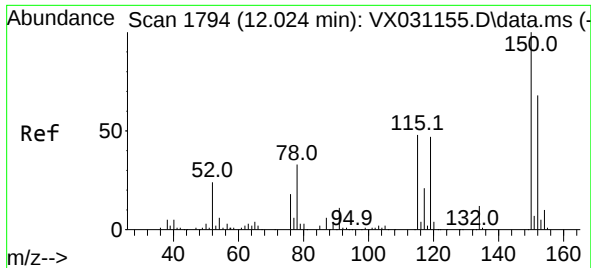
Ion Ratio Lower Upper

117 100

82 61.8 42.7 64.1

119 31.3 25.4 38.2

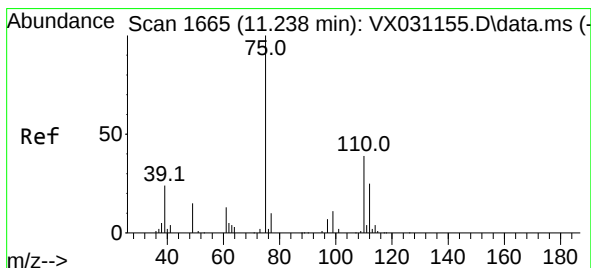
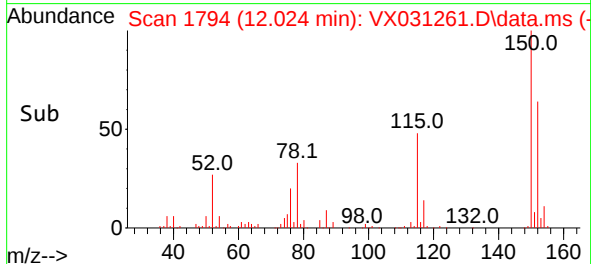
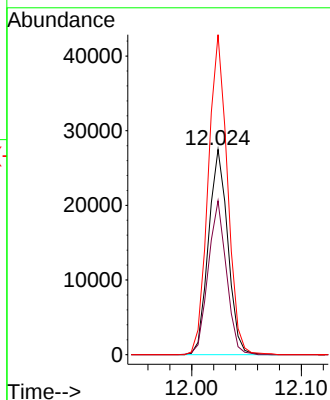
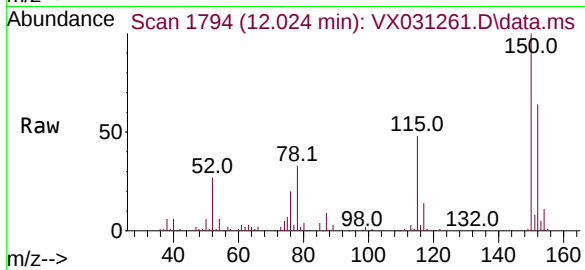




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031261.D
Acq: 09 Sep 2022 16:55

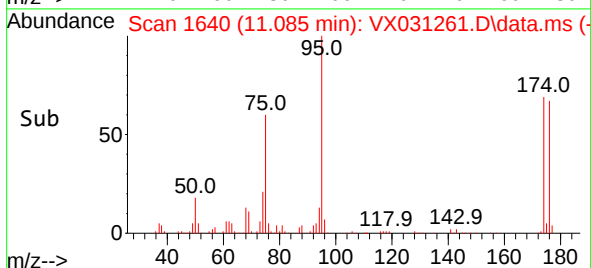
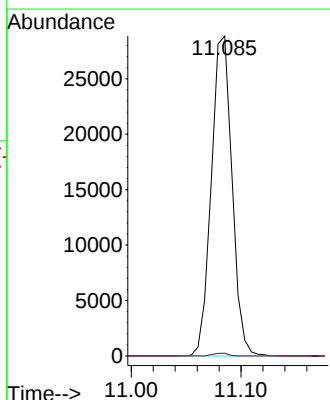
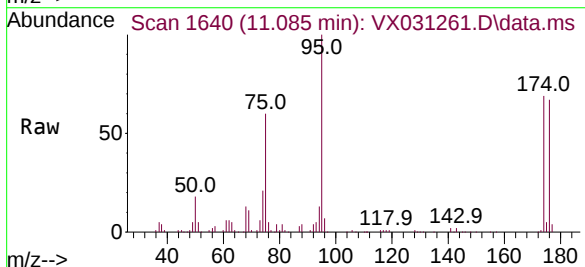
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

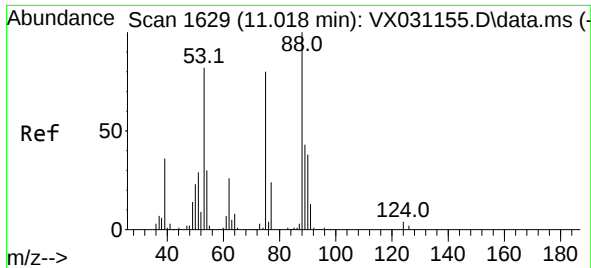
Tgt Ion:152 Resp: 33613
Ion Ratio Lower Upper
152 100
115 70.8 40.5 121.5
150 155.3 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 41.354 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX031261.D
Acq: 09 Sep 2022 16:55

Tgt Ion: 75 Resp: 37936
Ion Ratio Lower Upper
75 100
77 0.6 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.361 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX031261.D
 Acq: 09 Sep 2022 16:55

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

Tgt Ion: 75 Resp: 37936
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

