

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029749.D
 Acq On : 23 Jun 2022 17:14
 Operator : JC/MD
 Sample : N3389-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jun 24 05:40:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

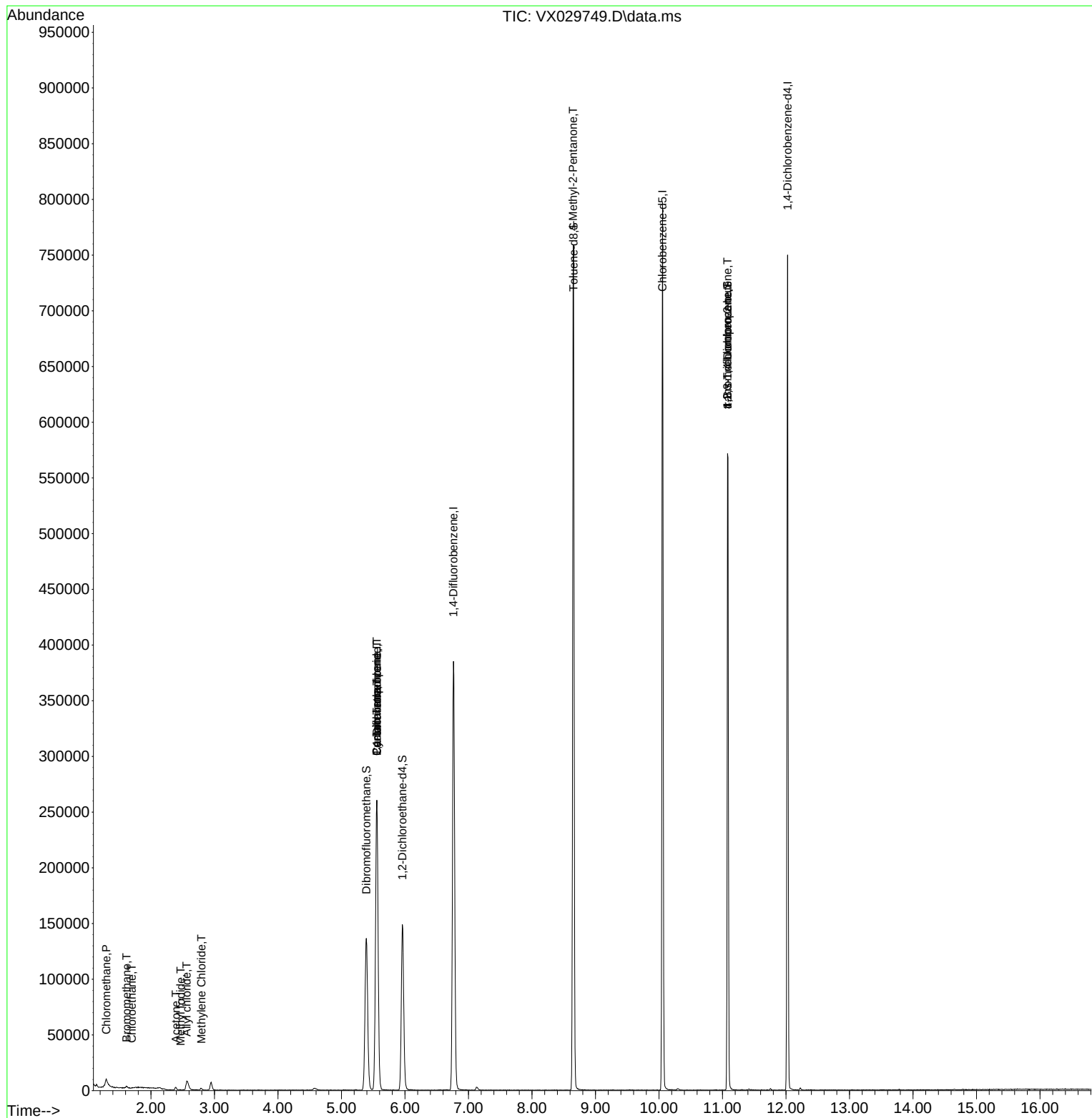
Internal Standards						
1) Pentafluorobenzene	5.556	168	246692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	417549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142547	43.652	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.300%
35) Dibromofluoromethane	5.391	113	124281	45.673	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.653	98	473198	47.602	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.200%
62) 4-Bromofluorobenzene	11.079	95	168283	44.890	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1121	0.348	ug/l #	72
5) Bromomethane	1.618	94	473	0.313	ug/l #	65
6) Chloroethane	1.697	64	524	1.512	ug/l #	71
10) Methyl Iodide	2.465	142	255	3.099	ug/l #	52
11) Tert butyl alcohol	2.947	59	4097	Below Cal	#	72
14) Allyl chloride	2.563	41	1311	0.325	ug/l #	64
16) Acetone	2.392	43	2801	2.152	ug/l	99
20) Methylene Chloride	2.794	84	960	0.331	ug/l #	76
31) Cyclohexane	5.556	56	4733	1.080	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18991	5.157	ug/l #	50
38) Carbon Tetrachloride	5.556	117	25583	7.064	ug/l #	15
44) Trichloroethene	7.129	130	1179	Below Cal		90
51) 4-Methyl-2-Pentanone	8.647	43	1718	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	79392	23.724	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	79392	78.922	ug/l #	15

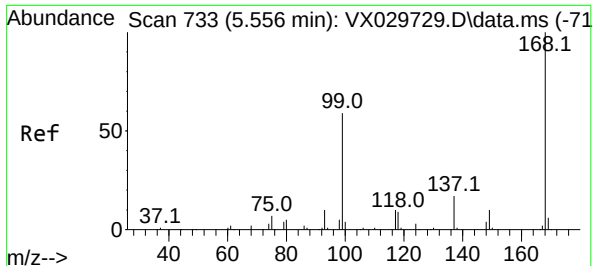
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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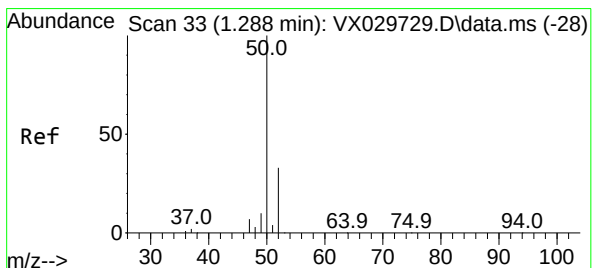
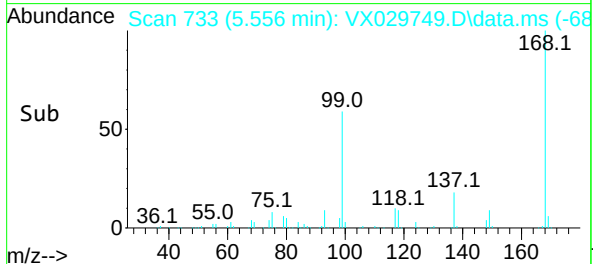
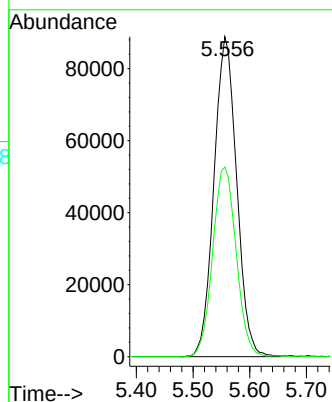
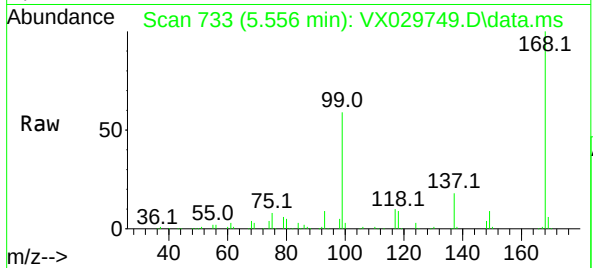




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

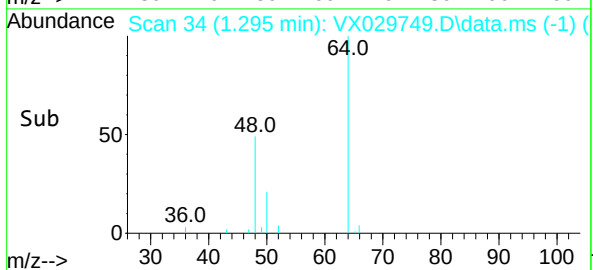
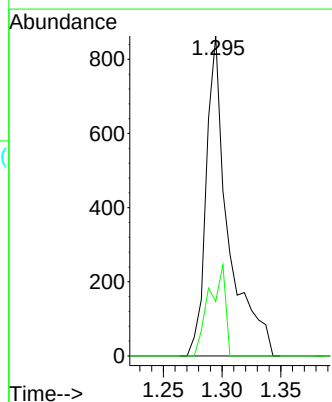
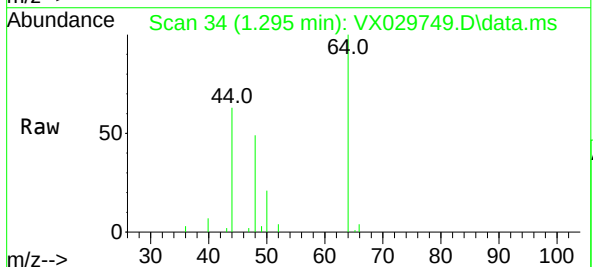
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

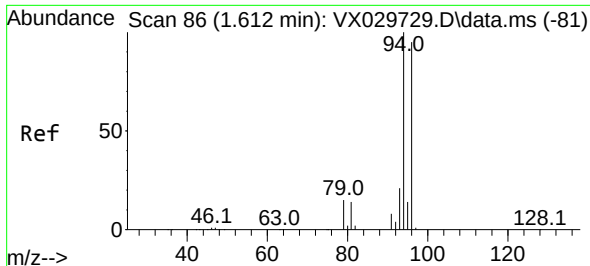
Tgt Ion:168 Resp: 246692
Ion Ratio Lower Upper
168 100
99 59.3 41.7 62.5



#3
Chloromethane
Concen: 0.348 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

Tgt Ion: 50 Resp: 1121
Ion Ratio Lower Upper
50 100
52 17.0 26.4 39.6#

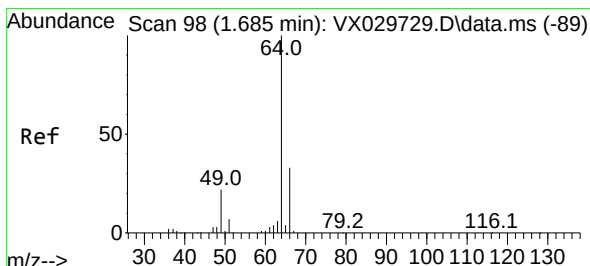
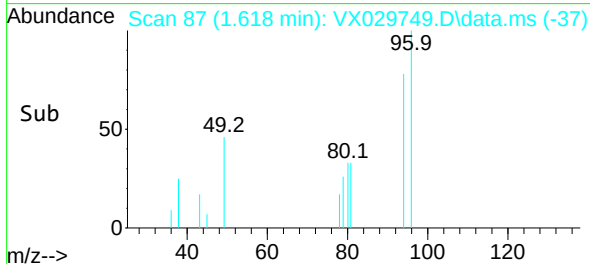
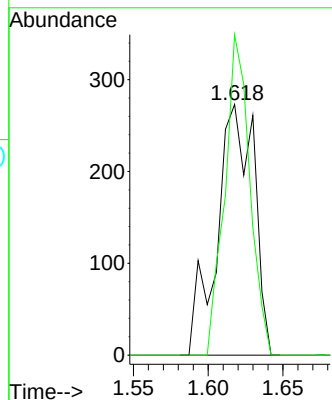
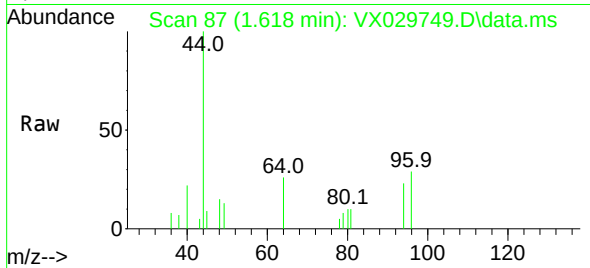




#5
Bromomethane
Concen: 0.313 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

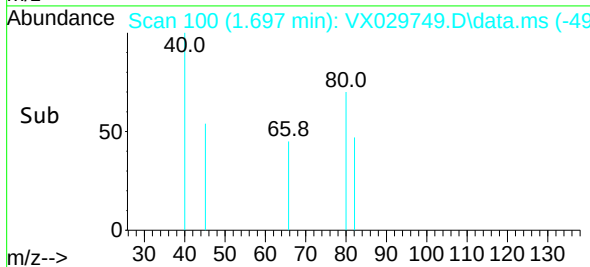
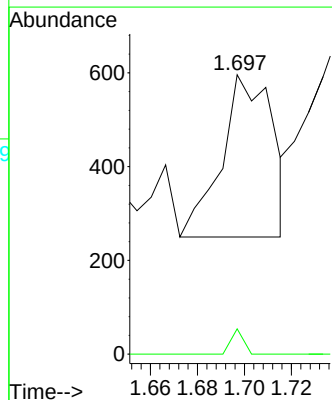
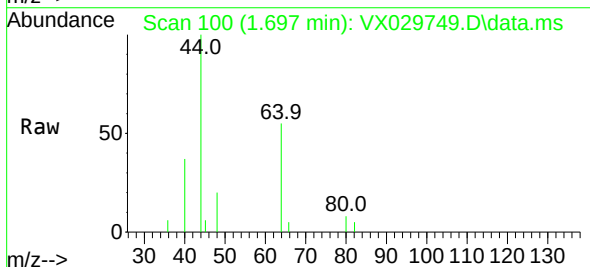
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

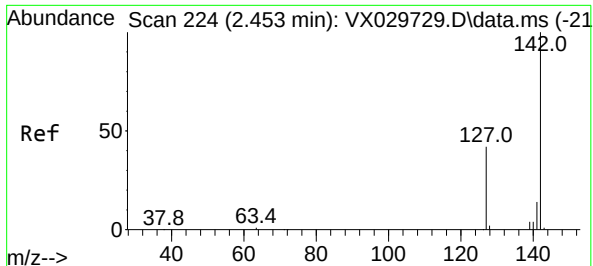
Tgt Ion: 94 Resp: 473
Ion Ratio Lower Upper
94 100
96 127.8 75.3 112.9#



#6
Chloroethane
Concen: 1.512 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

Tgt Ion: 64 Resp: 524
Ion Ratio Lower Upper
64 100
66 15.6 25.3 37.9#

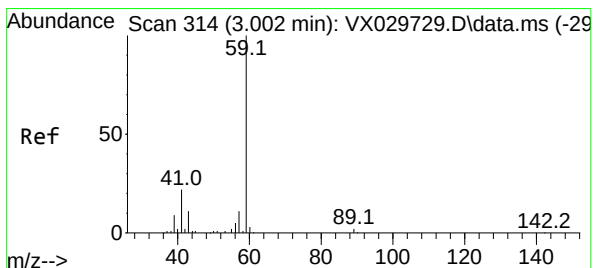
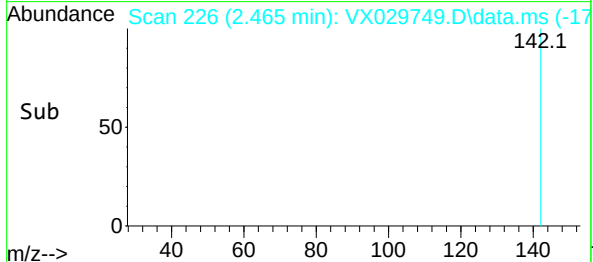
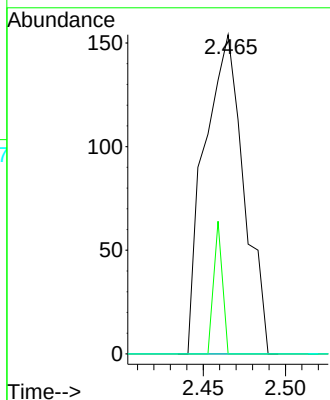
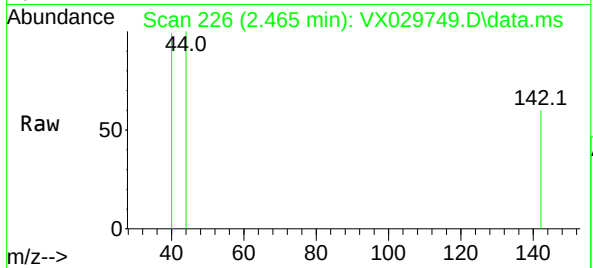




#10
Methyl Iodide
Concen: 3.099 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

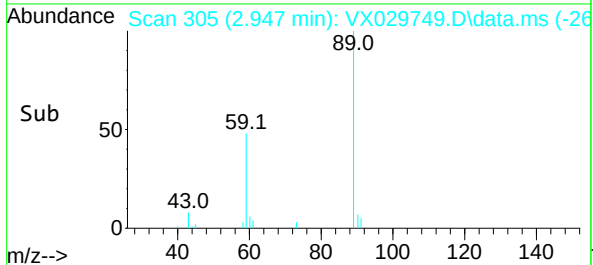
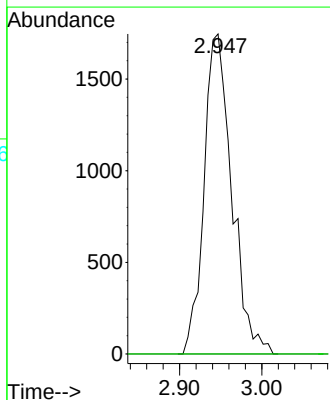
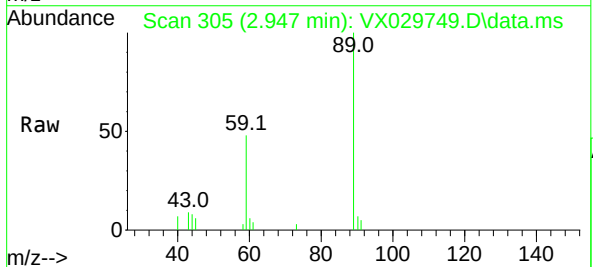
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

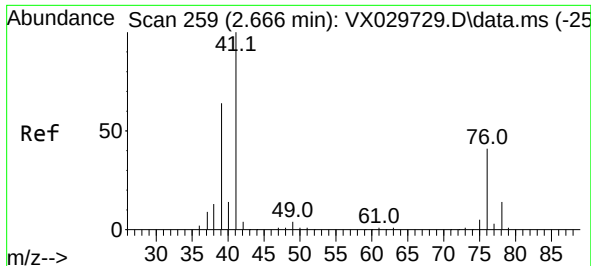
Tgt Ion:142 Resp: 255
Ion Ratio Lower Upper
142 100
127 9.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

Tgt Ion: 59 Resp: 4097
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

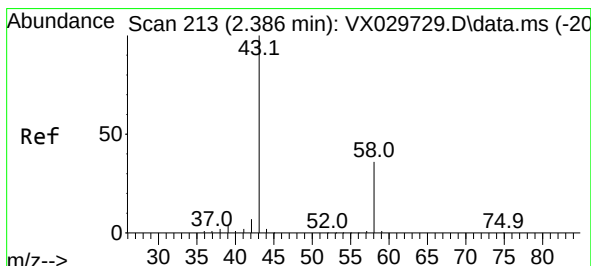
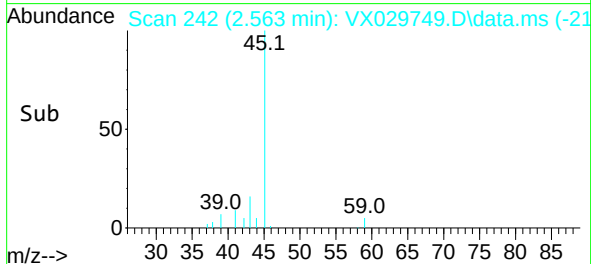
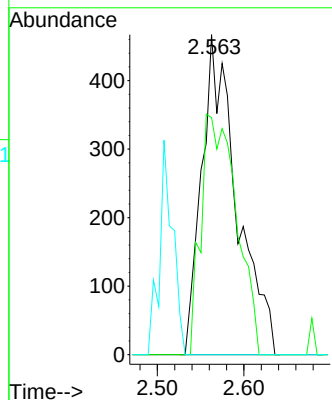
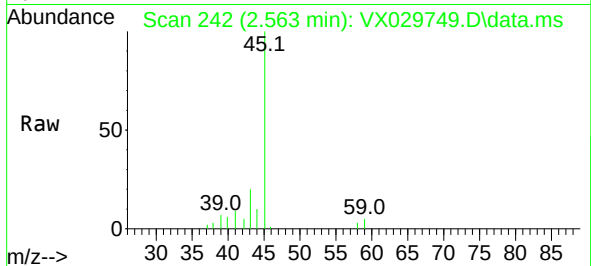




#14
 Allyl chloride
 Concen: 0.325 ug/l
 RT: 2.563 min Scan# 24
 Delta R.T. -0.103 min
 Lab File: VX029749.D
 Acq: 23 Jun 2022 17:14

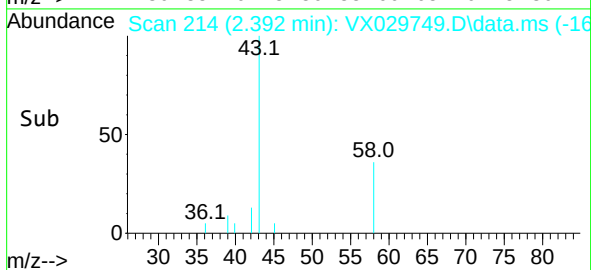
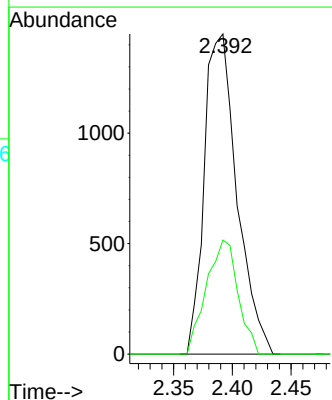
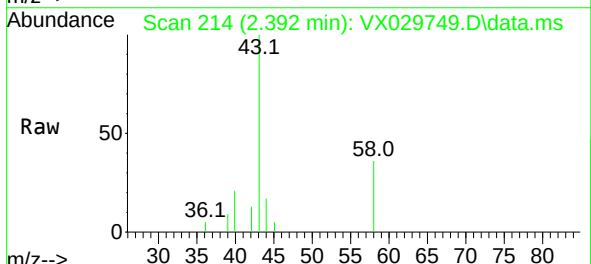
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

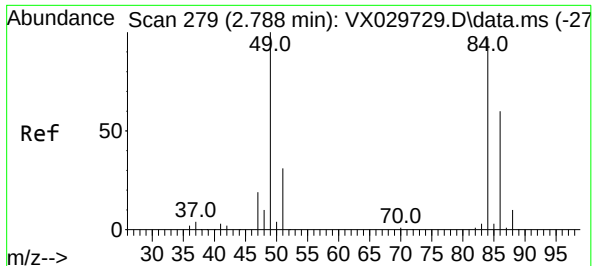
Tgt Ion: 41 Resp: 1311
 Ion Ratio Lower Upper
 41 100
 39 76.2 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 2.152 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VX029749.D
 Acq: 23 Jun 2022 17:14

Tgt Ion: 43 Resp: 2801
 Ion Ratio Lower Upper
 43 100
 58 35.6 28.8 43.2





#20

Methylene Chloride

Concen: 0.331 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029749.D

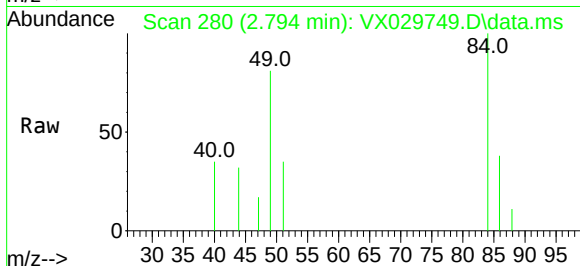
Acq: 23 Jun 2022 17:14

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion: 84 Resp: 960

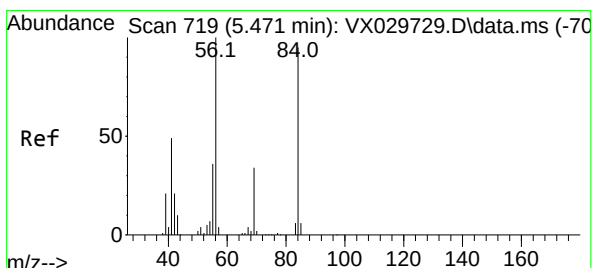
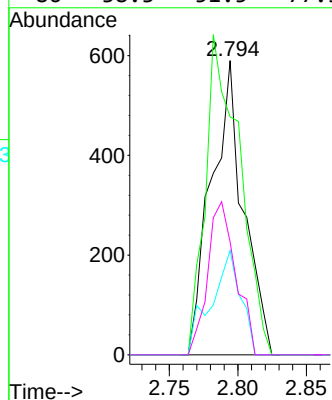
Ion Ratio Lower Upper

84 100

49 80.8 85.5 128.3#

51 35.4 26.6 39.8

86 38.3 51.5 77.3#



#31

Cyclohexane

Concen: 1.080 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX029749.D

Acq: 23 Jun 2022 17:14

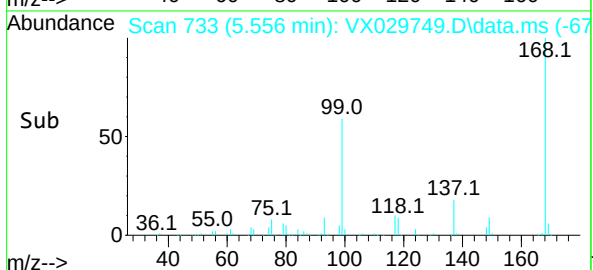
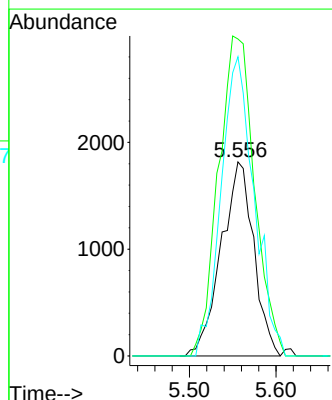
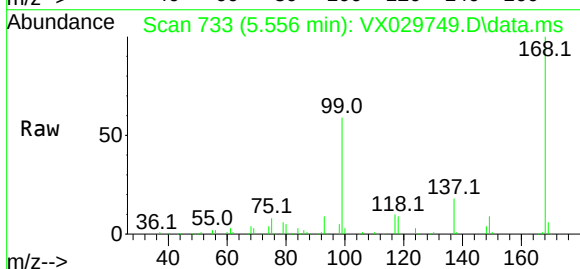
Tgt Ion: 56 Resp: 4733

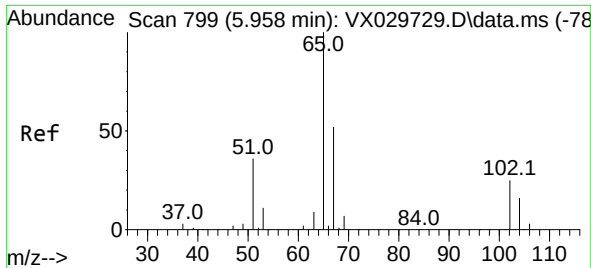
Ion Ratio Lower Upper

56 100

69 163.3 26.7 40.1#

84 164.0 77.2 115.8#

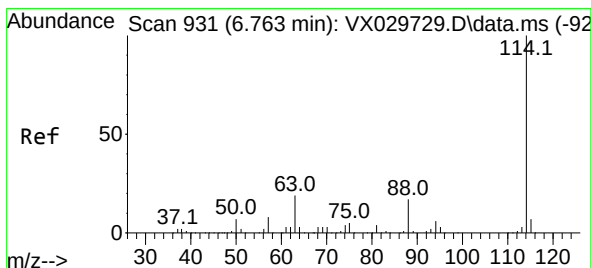
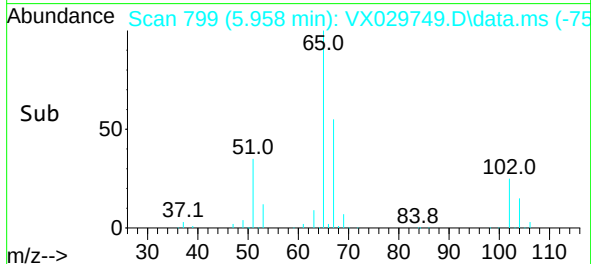
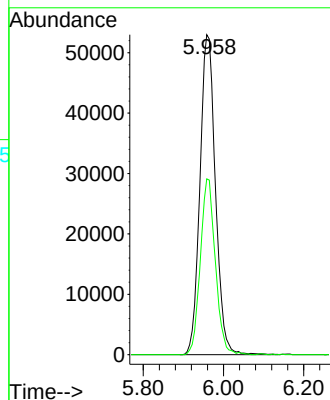
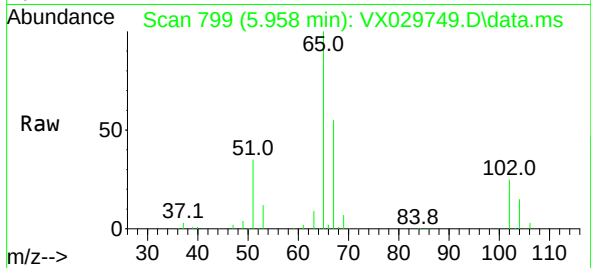




#33
 1,2-Dichloroethane-d4
 Concen: 43.652 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029749.D
 Acq: 23 Jun 2022 17:14

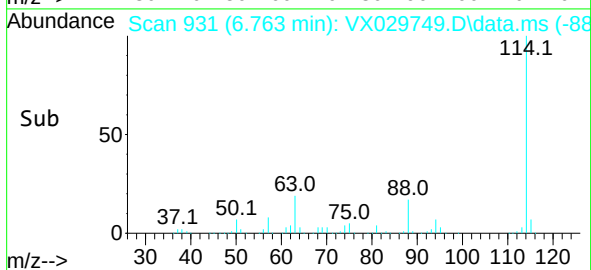
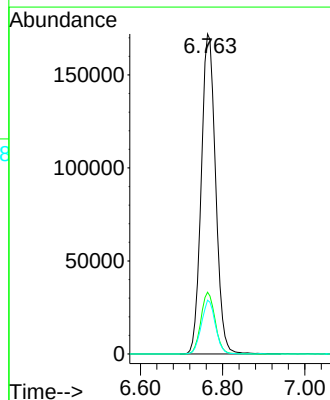
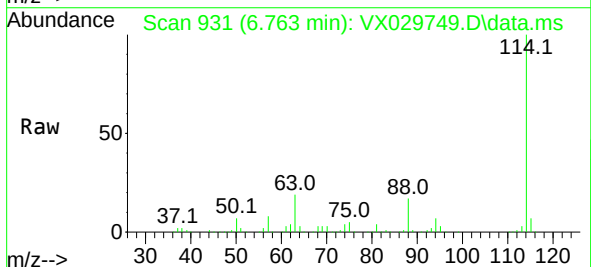
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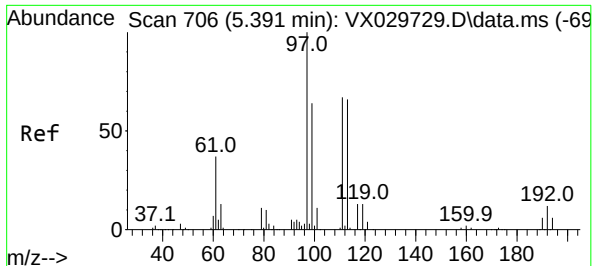
Tgt Ion: 65 Resp: 142547
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX029749.D
 Acq: 23 Jun 2022 17:14

Tgt Ion: 114 Resp: 417549
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.8
 88 16.8 0.0 32.4

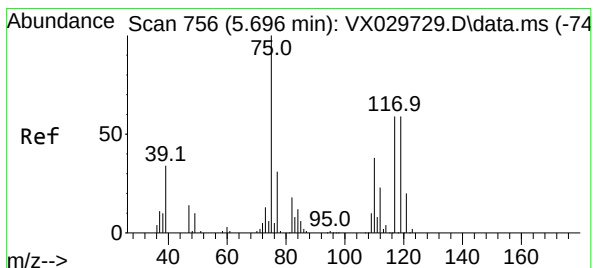
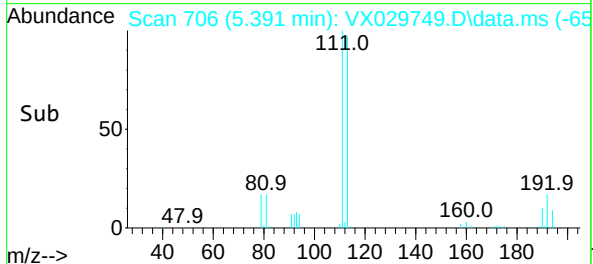
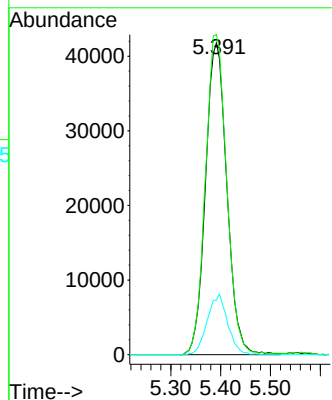
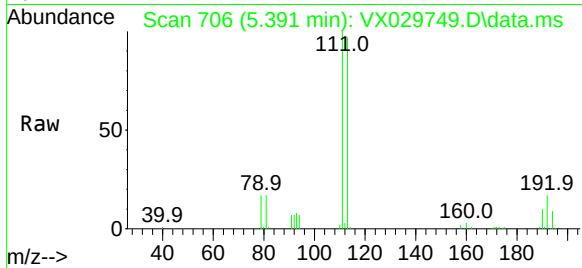




#35
Dibromofluoromethane
Concen: 45.673 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

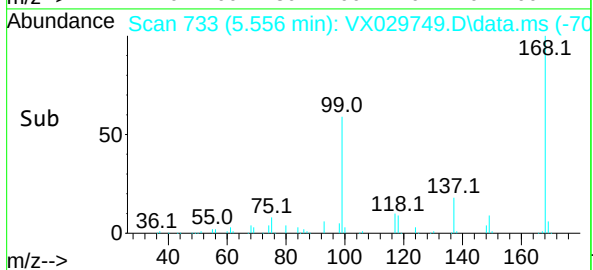
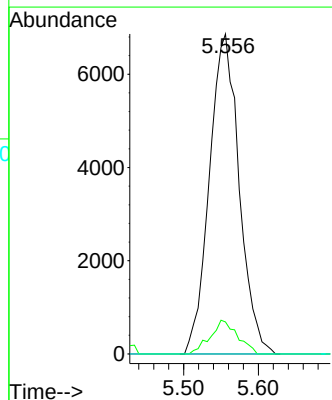
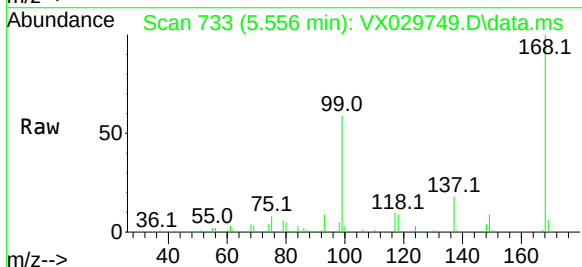
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

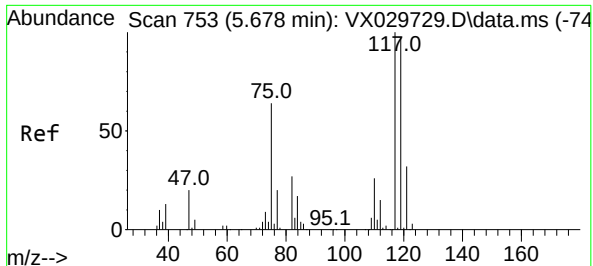
Tgt Ion:113 Resp: 124281
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.157 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

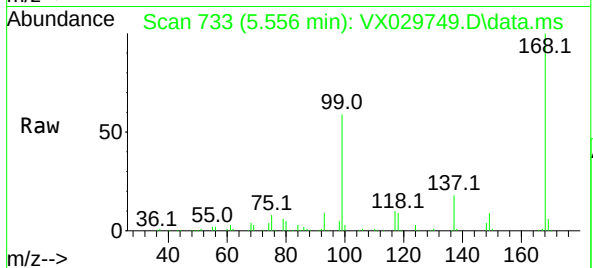
Tgt Ion: 75 Resp: 18991
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



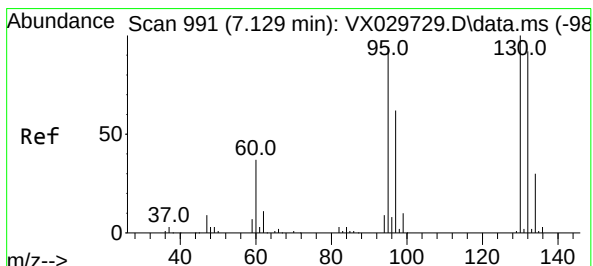
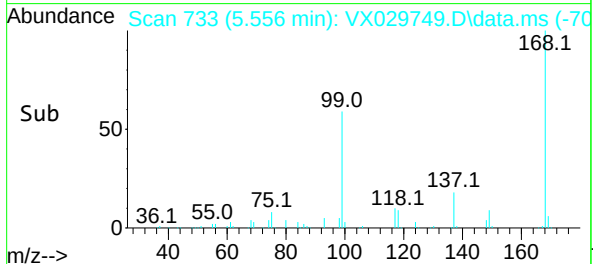
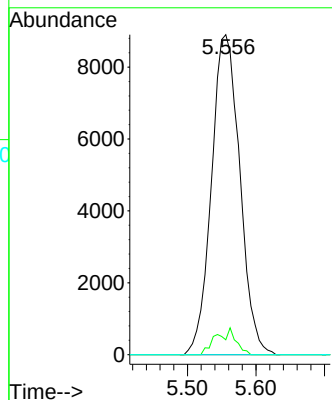


#38
Carbon Tetrachloride
Concen: 7.064 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

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

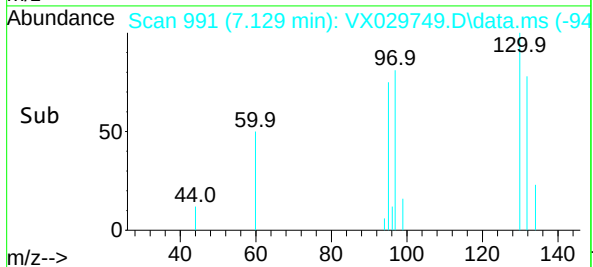
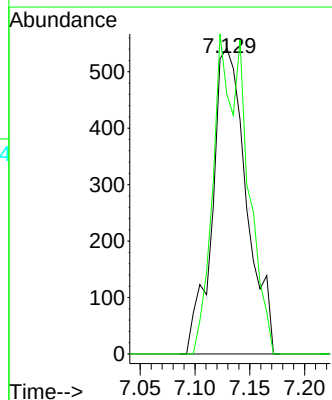
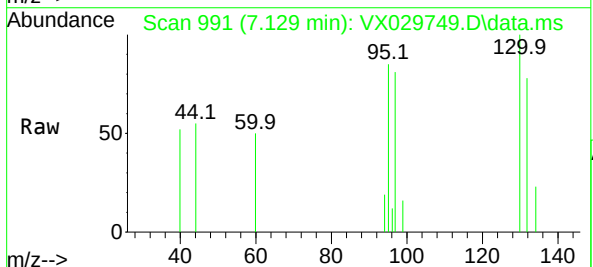


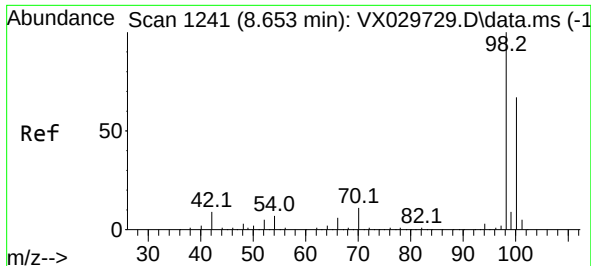
Tgt Ion:117 Resp: 25583
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

Tgt Ion:130 Resp: 1179
Ion Ratio Lower Upper
130 100
95 85.1 0.0 188.8

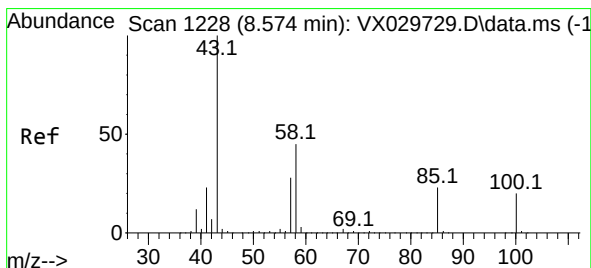
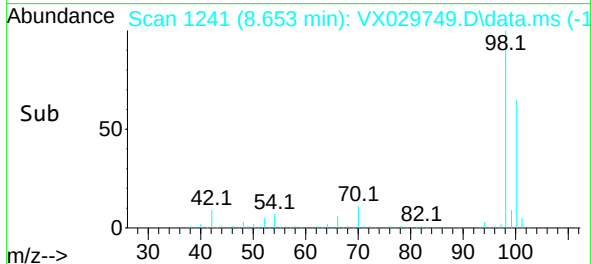
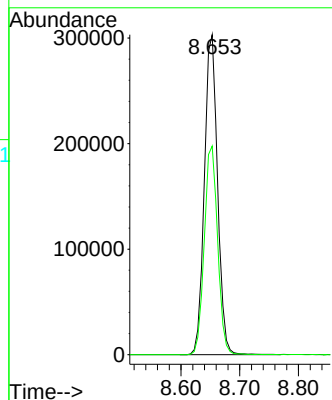
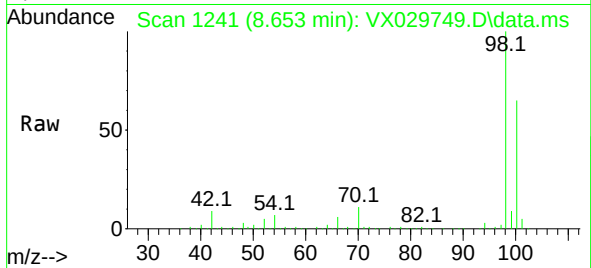




#50
Toluene-d8
Concen: 47.602 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

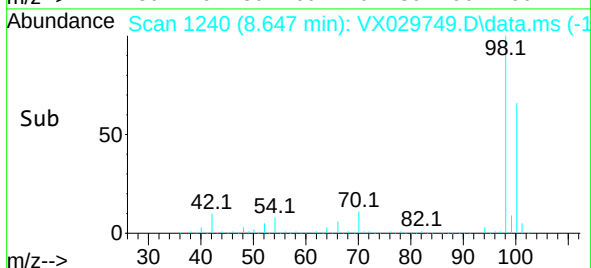
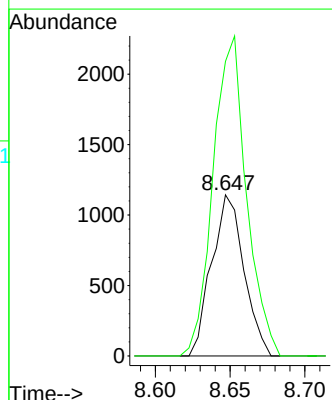
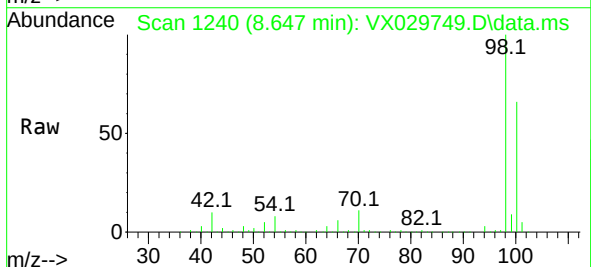
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

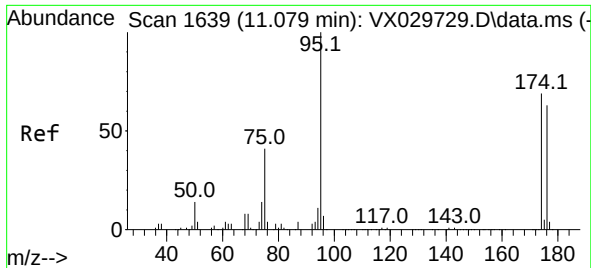
Tgt Ion: 98 Resp: 473198
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

Tgt Ion: 43 Resp: 1718
Ion Ratio Lower Upper
43 100
58 205.1 36.1 54.1#

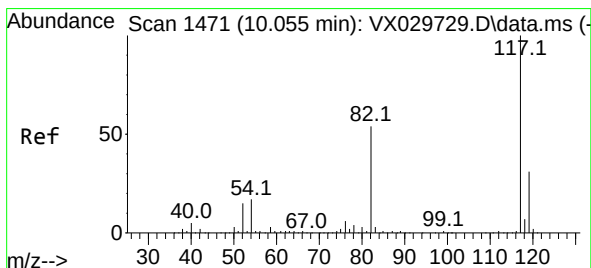
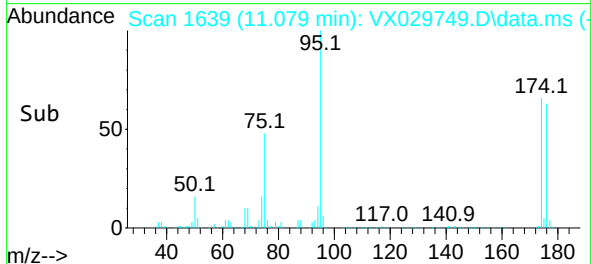
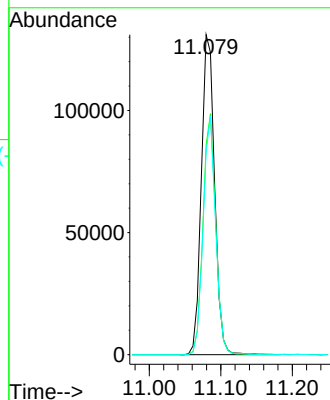
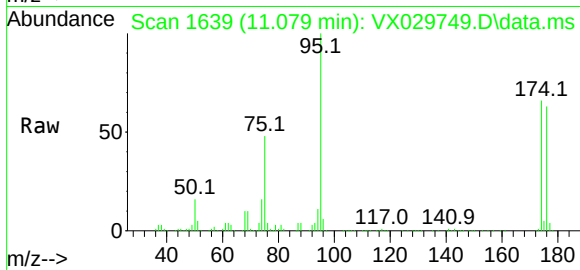




#62
4-Bromofluorobenzene
Concen: 44.890 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

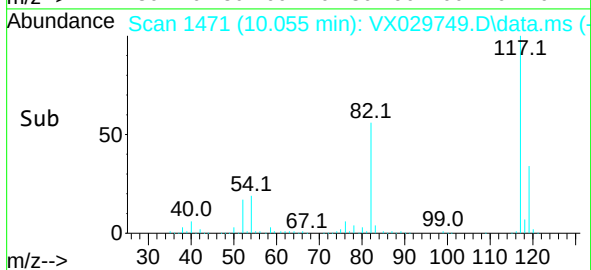
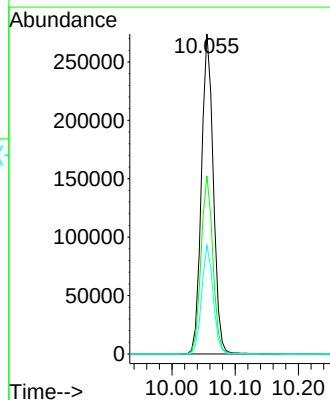
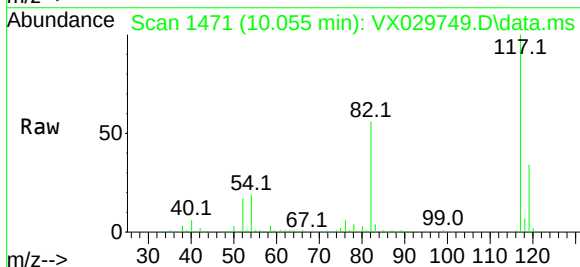
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

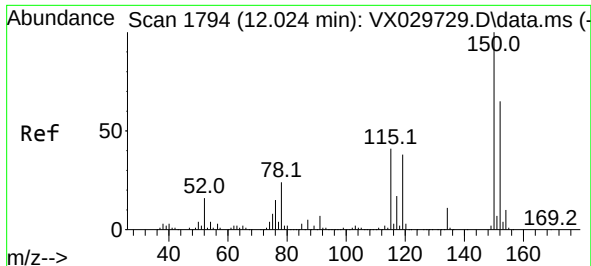
Tgt Ion: 95 Resp: 168283
Ion Ratio Lower Upper
95 100
174 72.5 0.0 163.0
176 70.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029749.D
Acq: 23 Jun 2022 17:14

Tgt Ion: 117 Resp: 358612
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 34.0 24.8 37.2

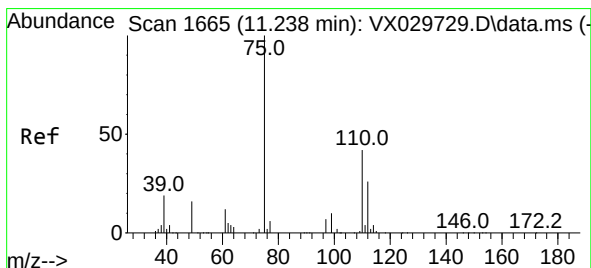
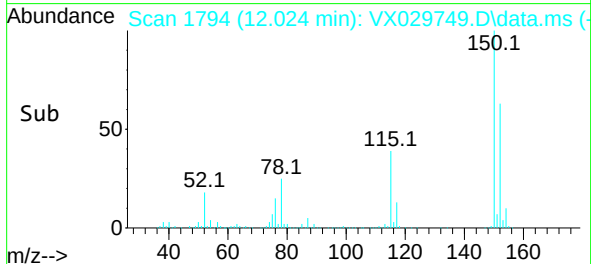
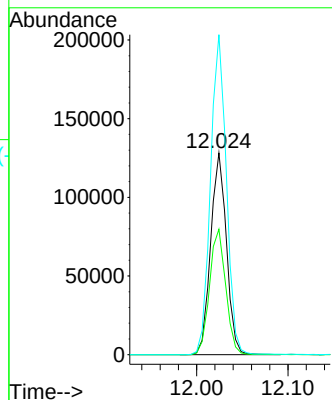
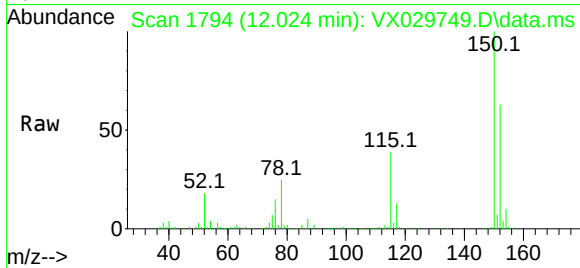




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029749.D
 Acq: 23 Jun 2022 17:14

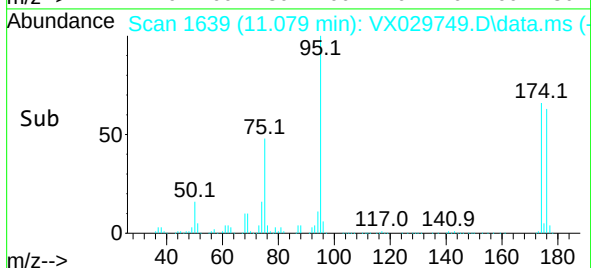
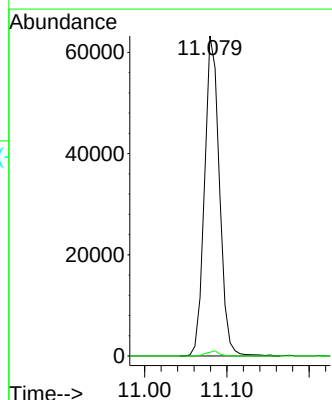
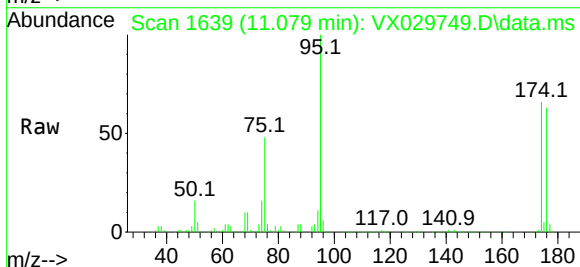
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

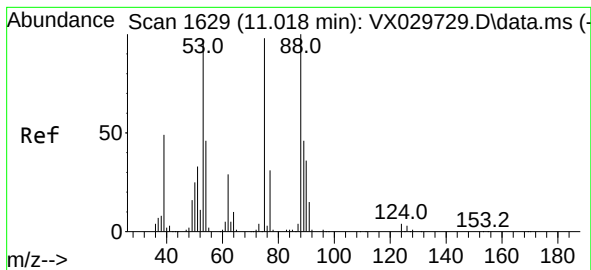
Tgt Ion:152 Resp: 153617
 Ion Ratio Lower Upper
 152 100
 115 63.8 37.5 112.7
 150 159.4 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.724 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029749.D
 Acq: 23 Jun 2022 17:14

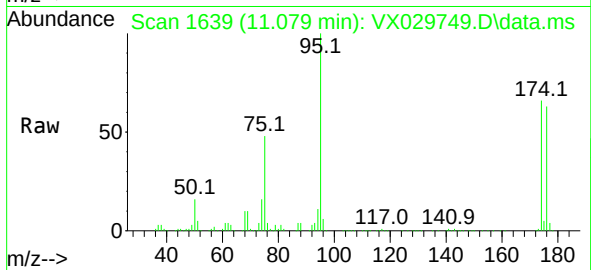
Tgt Ion: 75 Resp: 79392
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.922 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029749.D
 Acq: 23 Jun 2022 17:14

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



Tgt Ion: 75 Resp: 79392
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

