

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029239.D
 Acq On : 06 Jun 2022 15:10
 Operator : JC/MD
 Sample : N3195-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 07 06:04:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

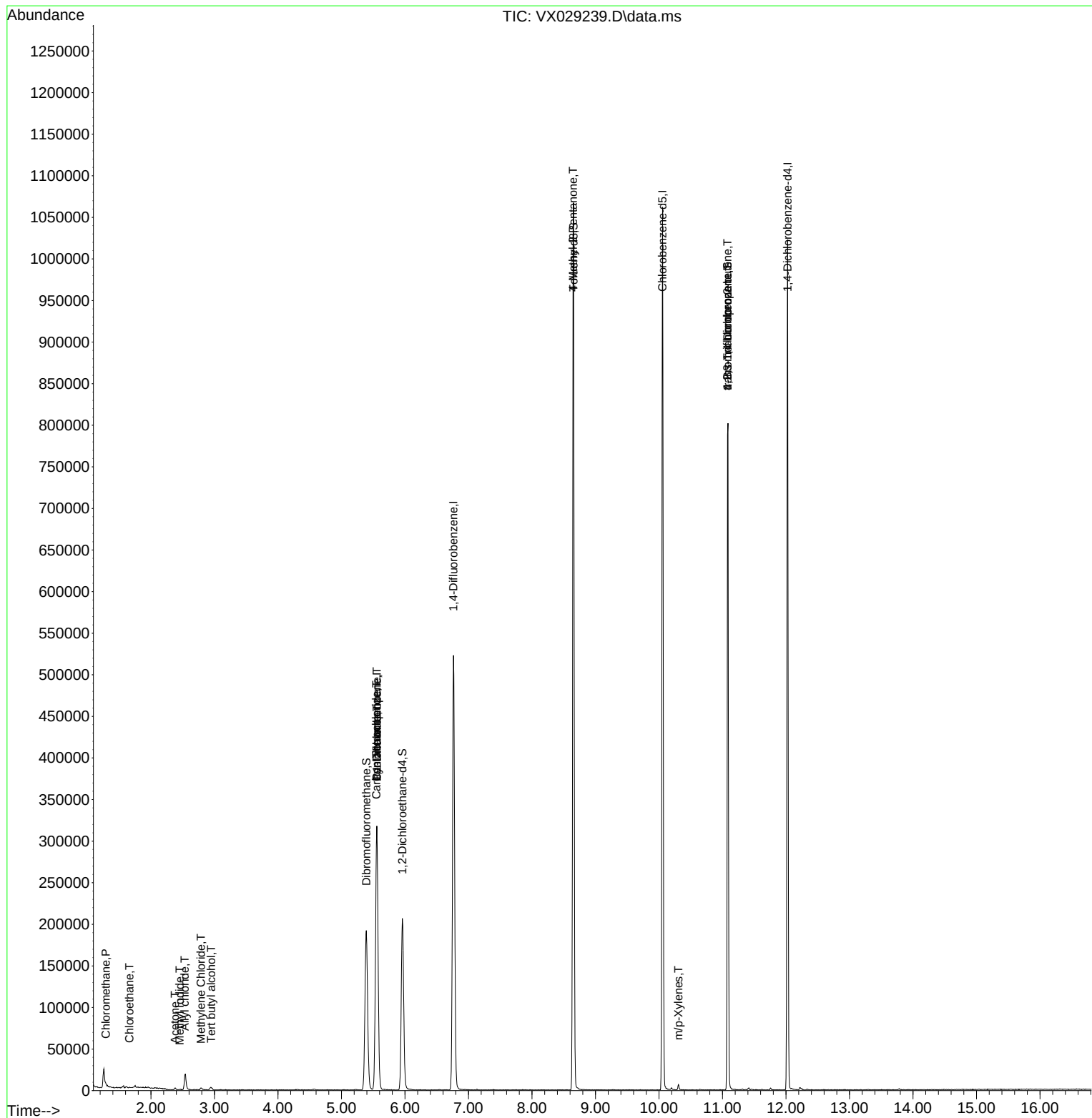
Internal Standards						
1) Pentafluorobenzene	5.556	168	293654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	547270	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	494674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199499	60.247	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	120.500%
35) Dibromofluoromethane	5.391	113	173279	47.668	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.340%
50) Toluene-d8	8.653	98	650142	48.901	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.800%
62) 4-Bromofluorobenzene	11.079	95	231448	45.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.080%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	698	0.261	ug/l #	81
5) Bromomethane	1.618	94	860	Below Cal	#	50
6) Chloroethane	1.660	64	824	1.715	ug/l #	43
10) Methyl Iodide	2.453	142	666	4.411	ug/l #	91
11) Tert butyl alcohol	2.947	59	2128	2.774	ug/l #	72
14) Allyl chloride	2.532	41	2147	0.540	ug/l #	53
16) Acetone	2.380	43	2477	1.900	ug/l	97
20) Methylene Chloride	2.788	84	983	0.323	ug/l #	85
31) Cyclohexane	5.556	56	5669	1.317	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22903	4.897	ug/l #	49
38) Carbon Tetrachloride	5.550	117	31472	5.888	ug/l #	16
44) Trichloroethene	7.135	130	202	Below Cal		75
51) 4-Methyl-2-Pentanone	8.647	43	2212	0.469	ug/l #	1
68) m/p-Xylenes	10.305	106	1752	0.255	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	111660	26.203	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	111660	76.875	ug/l #	15

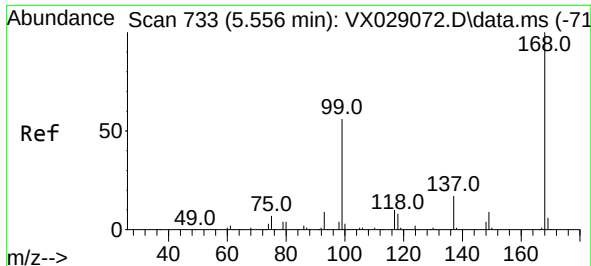
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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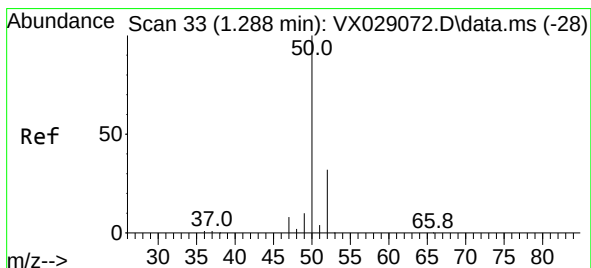
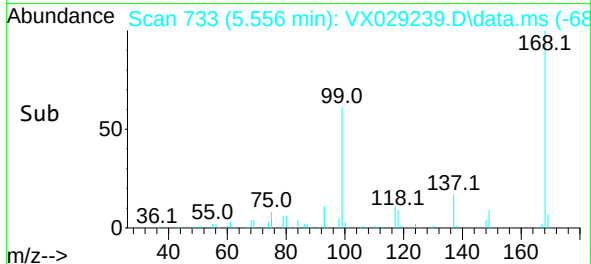
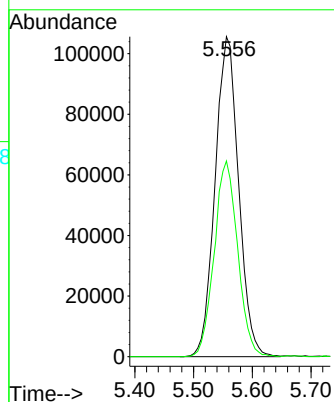
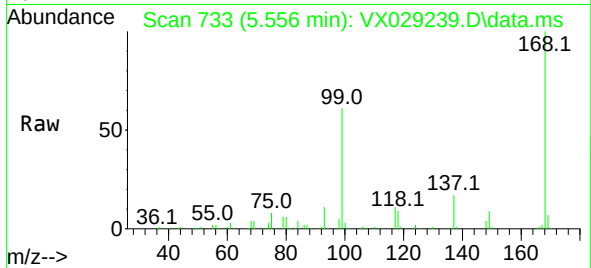




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

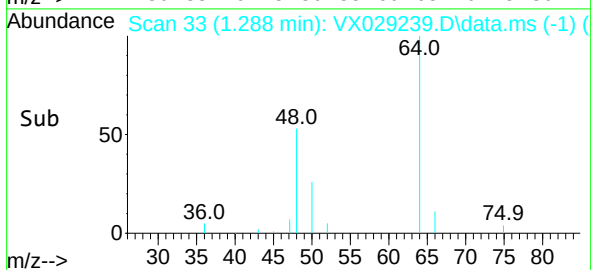
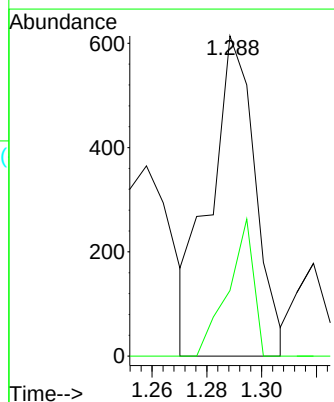
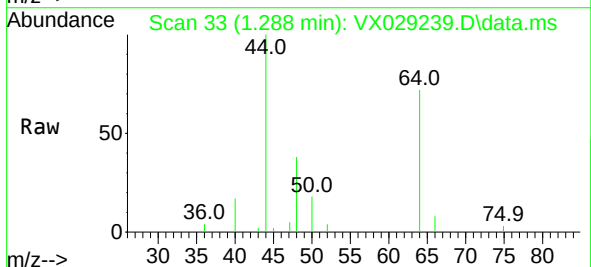
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

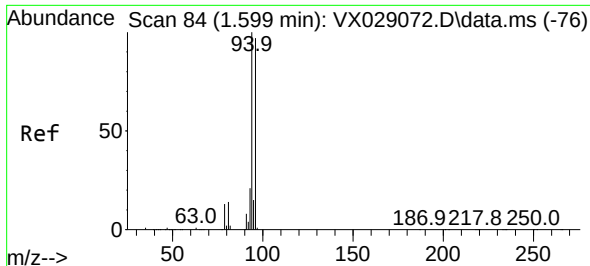
Tgt Ion:168 Resp: 293654
Ion Ratio Lower Upper
168 100
99 61.2 41.7 62.5



#3
Chloromethane
Concen: 0.261 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

Tgt Ion: 50 Resp: 698
Ion Ratio Lower Upper
50 100
52 22.5 26.4 39.6#

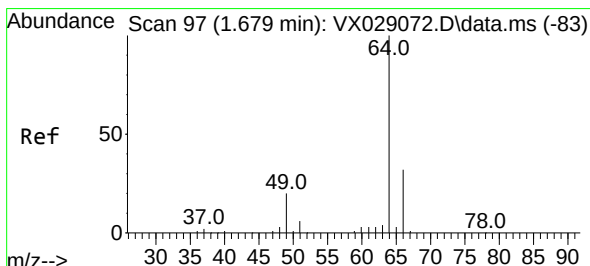
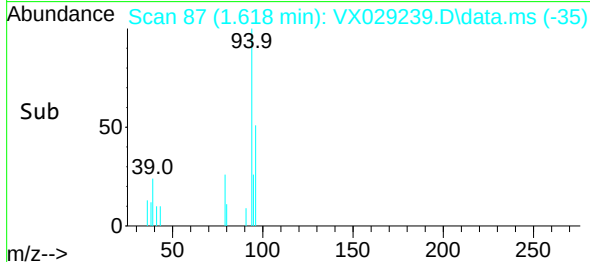
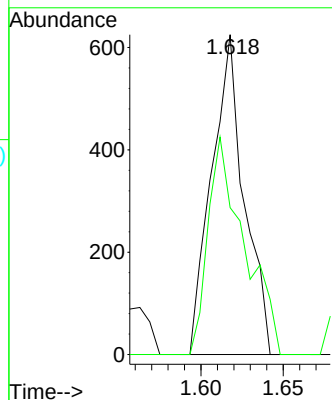
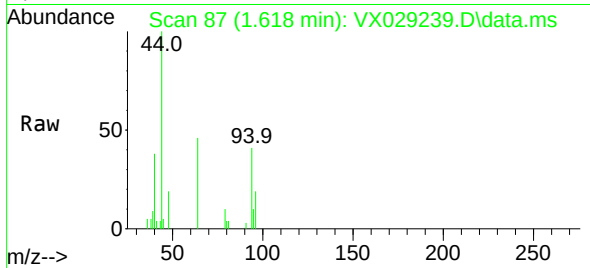




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

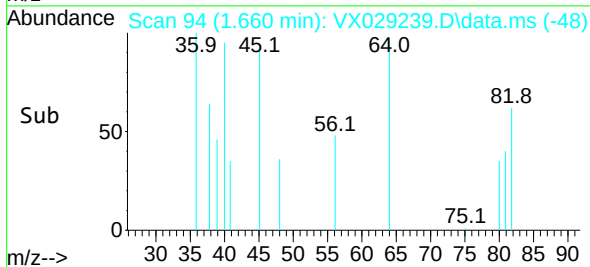
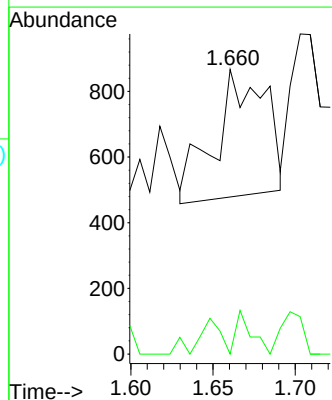
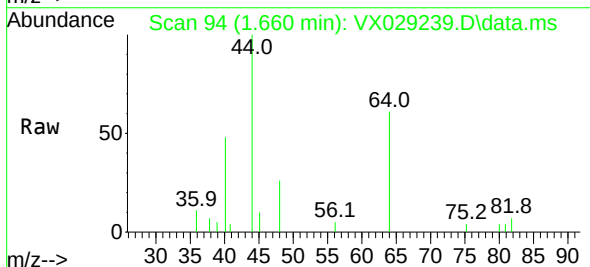
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

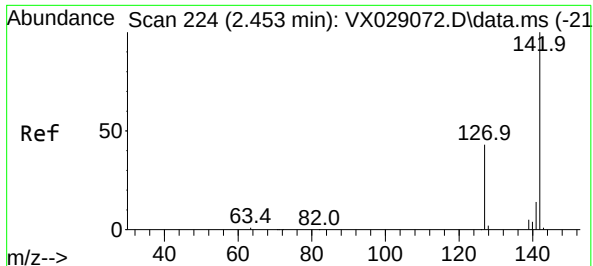
Tgt Ion: 94 Resp: 860
Ion Ratio Lower Upper
94 100
96 45.9 75.3 112.9#



#6
Chloroethane
Concen: 1.715 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

Tgt Ion: 64 Resp: 824
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

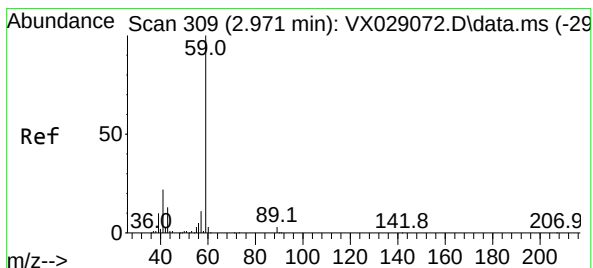
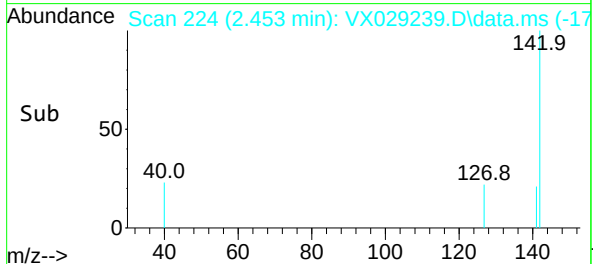
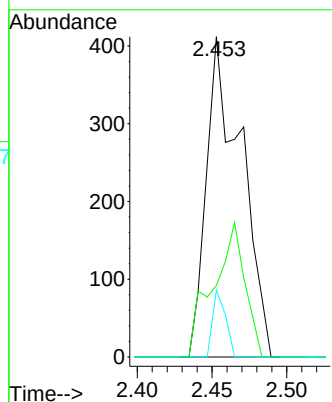
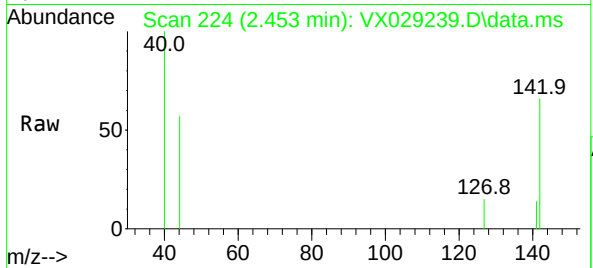




#10
Methyl Iodide
Concen: 4.411 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

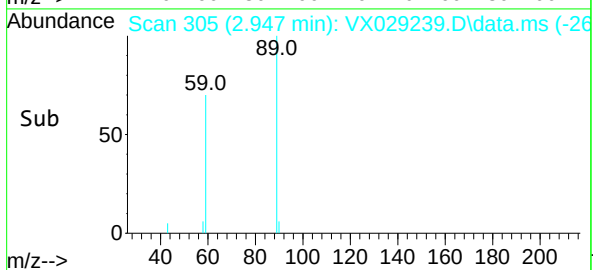
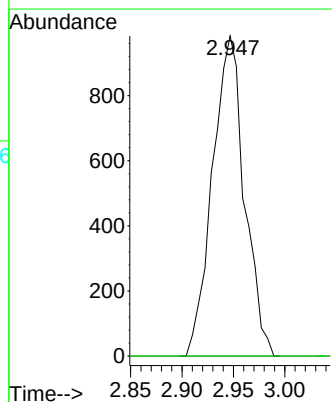
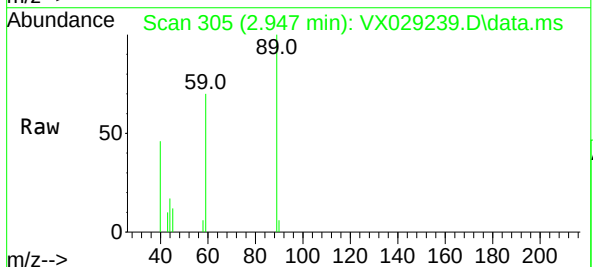
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

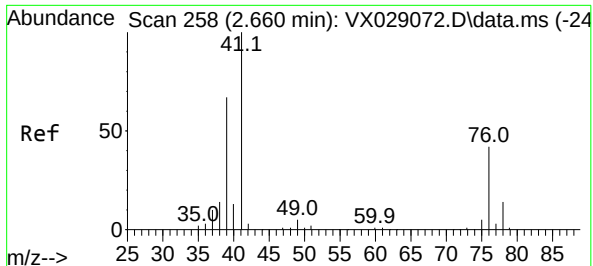
Tgt Ion:142 Resp: 666
Ion Ratio Lower Upper
142 100
127 38.6 33.9 50.9
141 7.7 11.4 17.2#



#11
Tert butyl alcohol
Concen: 2.774 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

Tgt Ion: 59 Resp: 2128
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

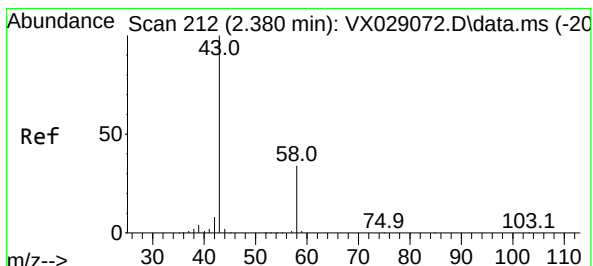
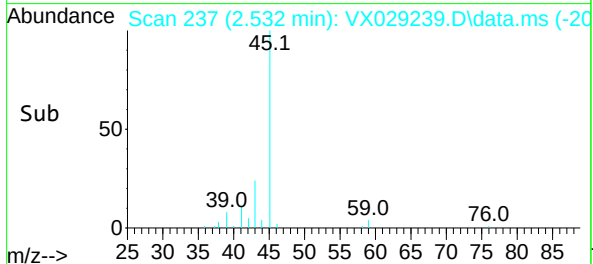
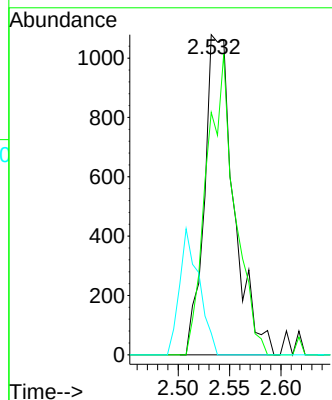
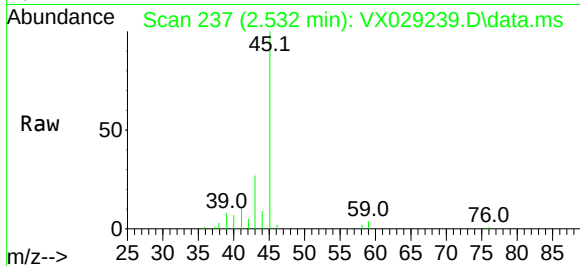




#14
 Allyl chloride
 Concen: 0.540 ug/l
 RT: 2.532 min Scan# 2147
 Delta R.T. -0.128 min
 Lab File: VX029239.D
 Acq: 06 Jun 2022 15:10

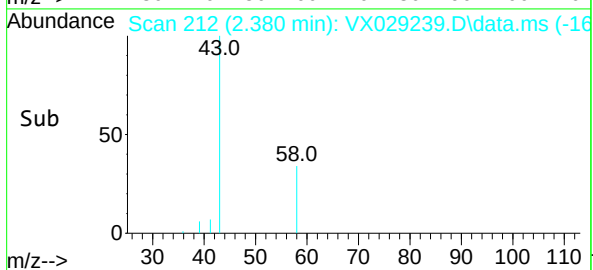
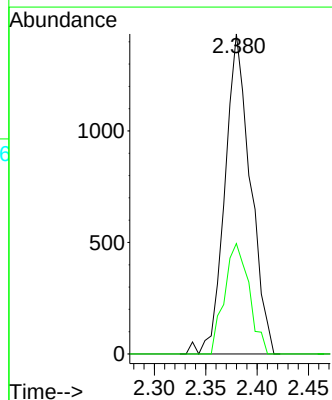
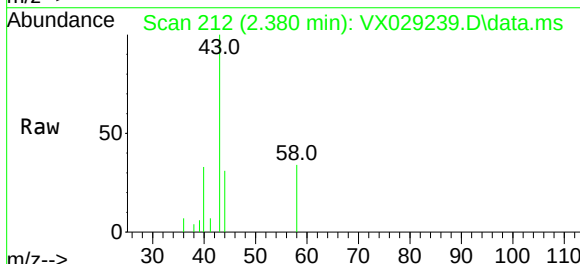
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

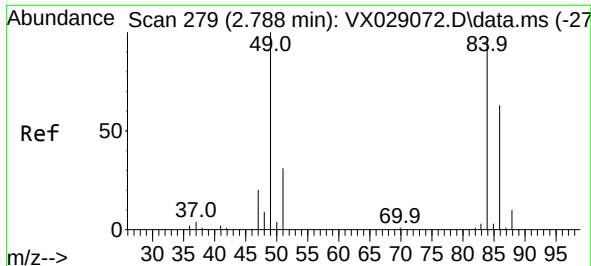
Tgt Ion	Ratio	Lower	Upper
41	100		
39	90.0	50.4	75.6#
76	0.0	32.7	49.1#



#16
 Acetone
 Concen: 1.900 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX029239.D
 Acq: 06 Jun 2022 15:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.5	28.8	43.2

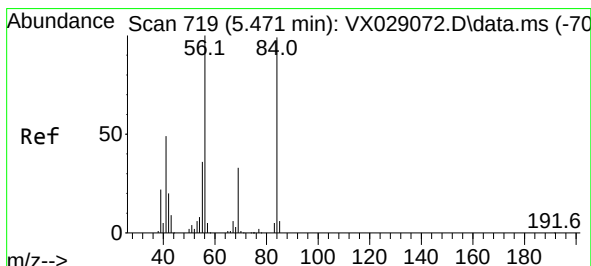
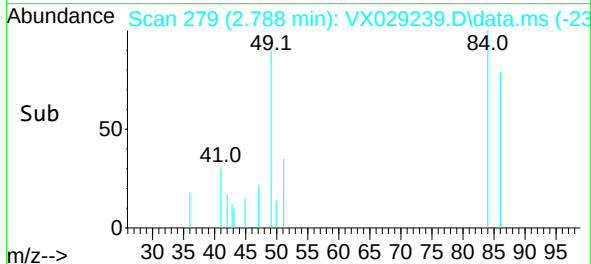
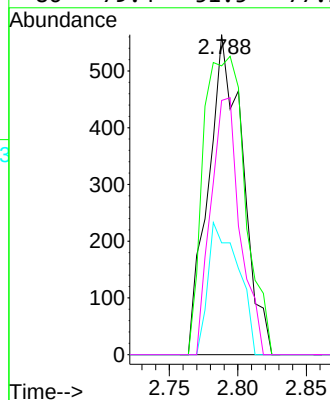
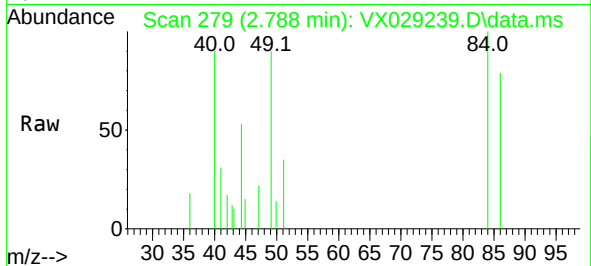




#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

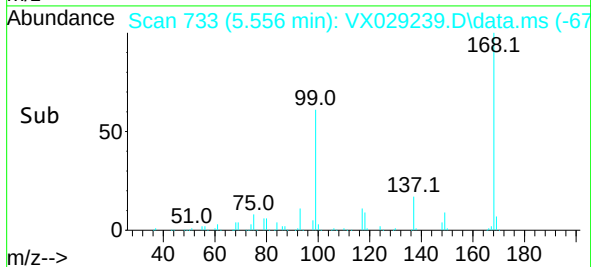
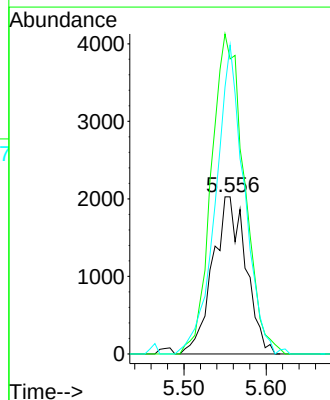
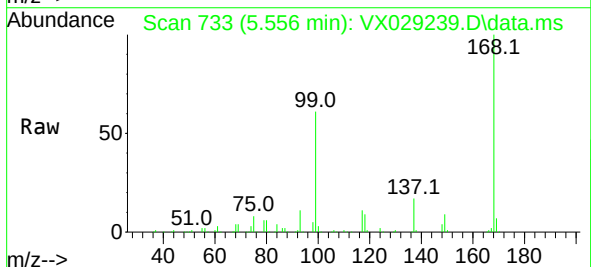
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

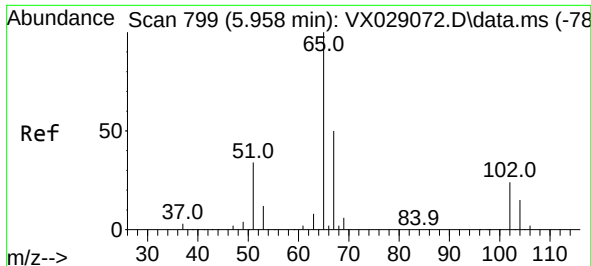
Tgt Ion:	84	Resp:	983
Ion	Ratio	Lower	Upper
84	100		
49	90.2	85.5	128.3
51	34.9	26.6	39.8
86	79.4	51.5	77.3



#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

Tgt Ion:	56	Resp:	5669
Ion	Ratio	Lower	Upper
56	100		
69	187.8	26.7	40.1
84	193.9	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 60.247 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029239.D

Acq: 06 Jun 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

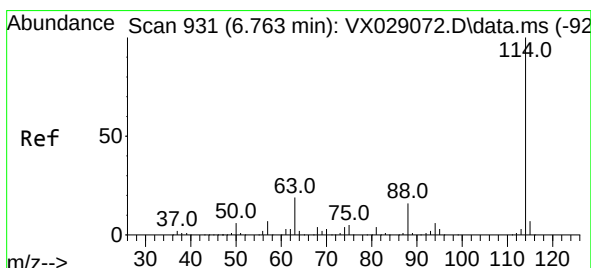
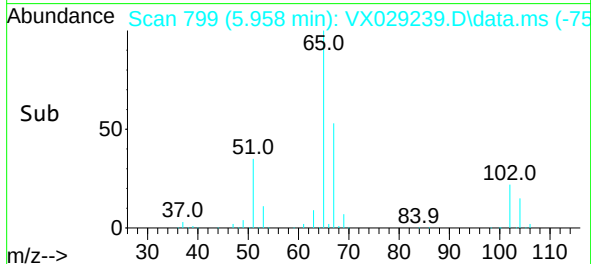
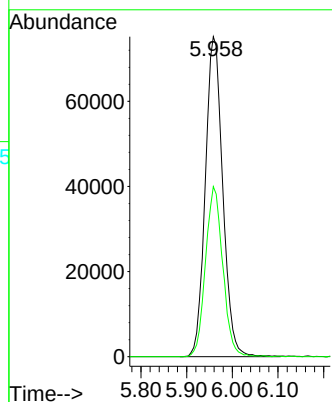
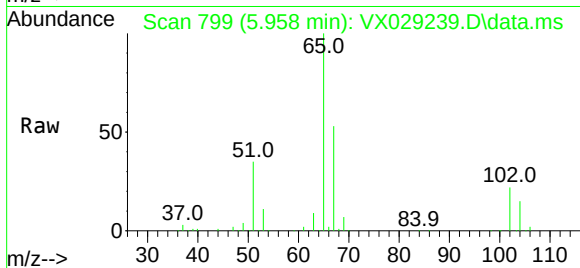
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 199499

Ion Ratio Lower Upper

65 100

67 52.7 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: VX029239.D

Acq: 06 Jun 2022 15:10

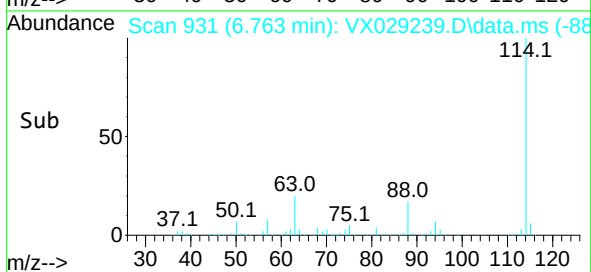
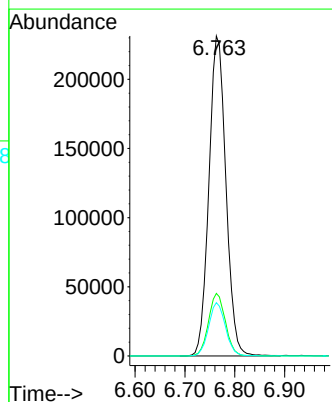
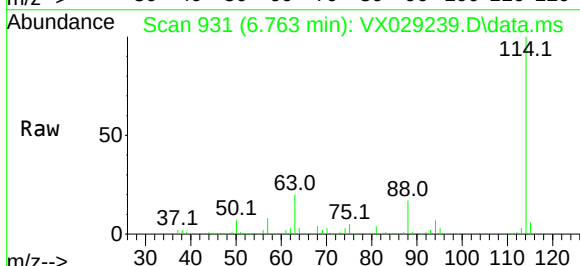
Tgt Ion: 114 Resp: 547270

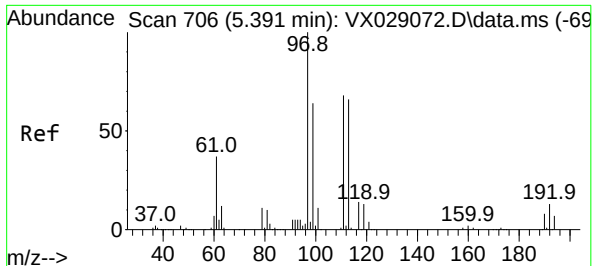
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 16.7 0.0 32.4

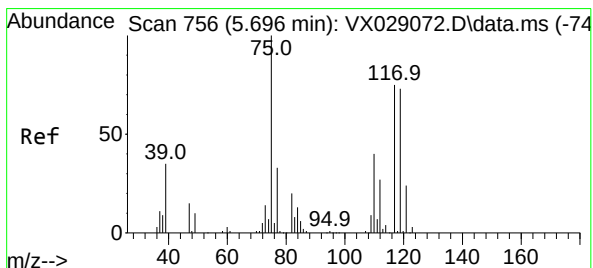
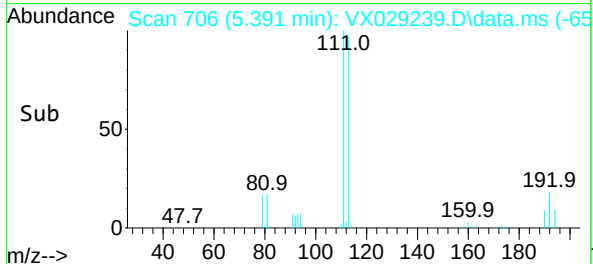
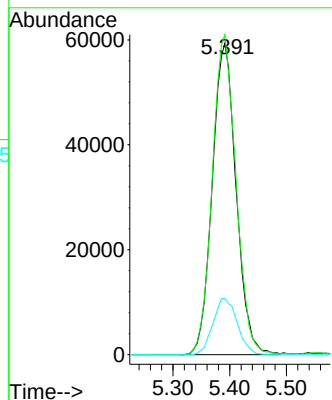
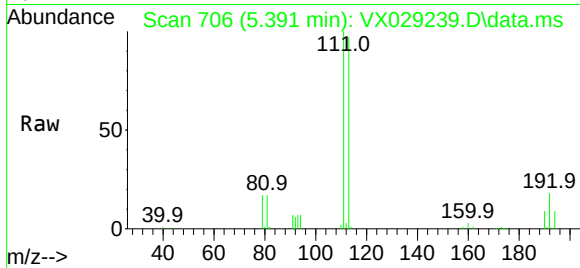




#35
Dibromofluoromethane
Concen: 47.668 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

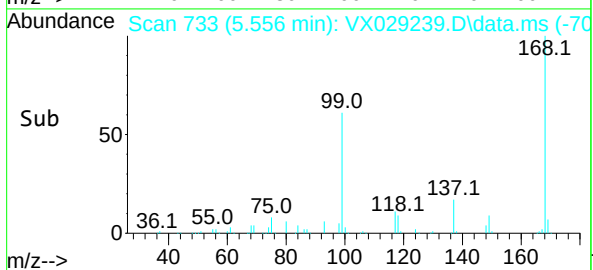
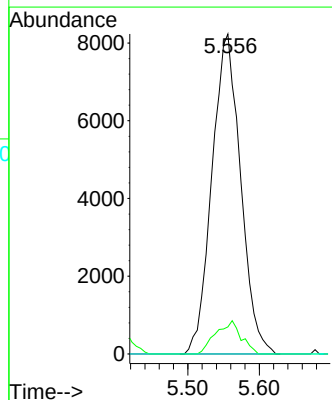
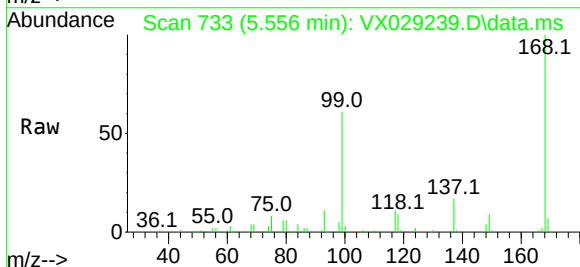
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

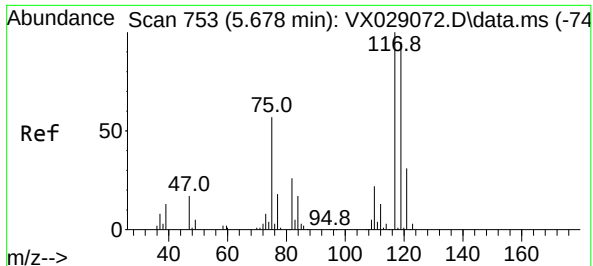
Tgt Ion:113 Resp: 173279
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

Tgt Ion: 75 Resp: 22903
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#

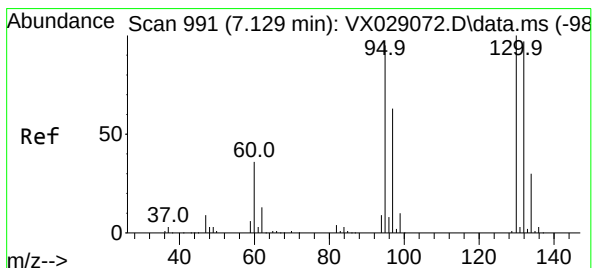
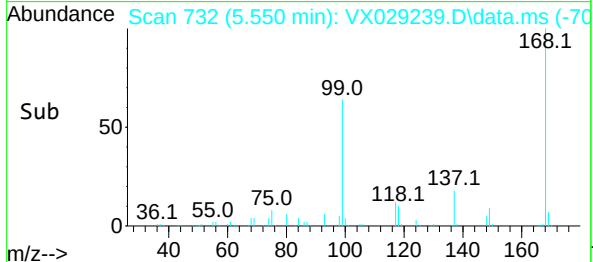
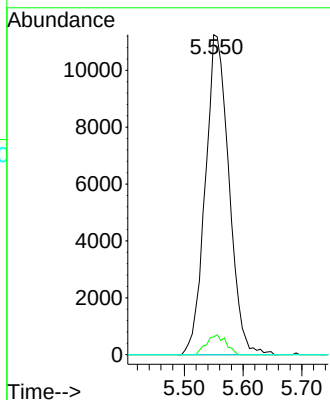
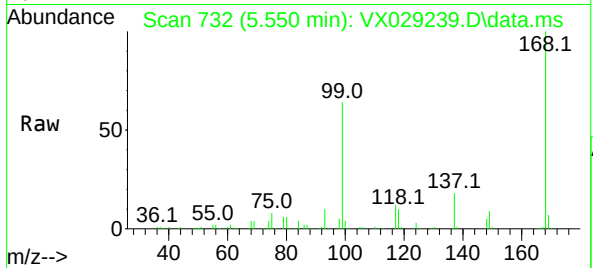




#38
Carbon Tetrachloride
Concen: 5.888 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

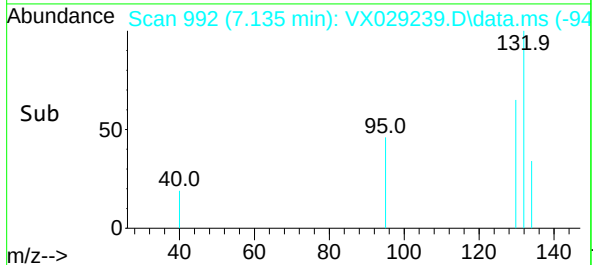
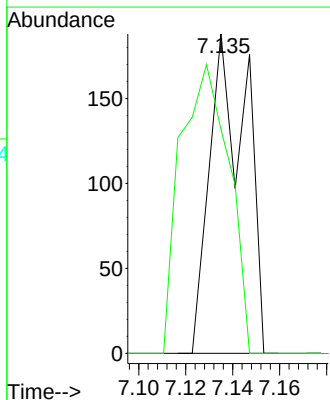
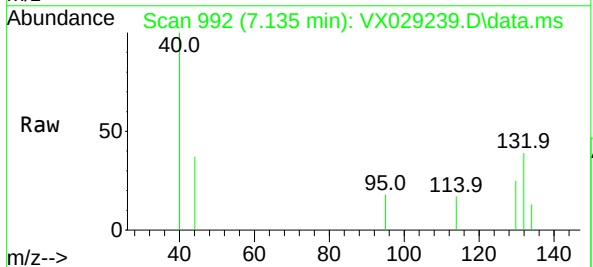
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

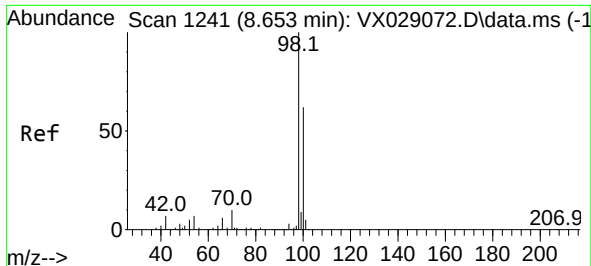
Tgt Ion:117 Resp: 31472
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

Tgt Ion:130 Resp: 202
Ion Ratio Lower Upper
130 100
95 70.2 0.0 188.8

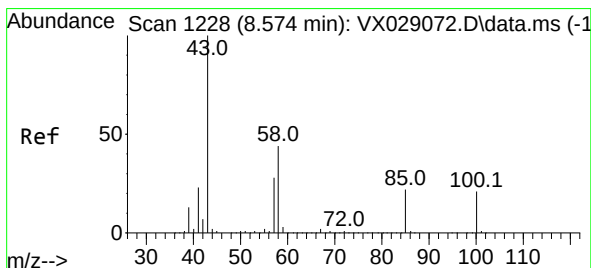
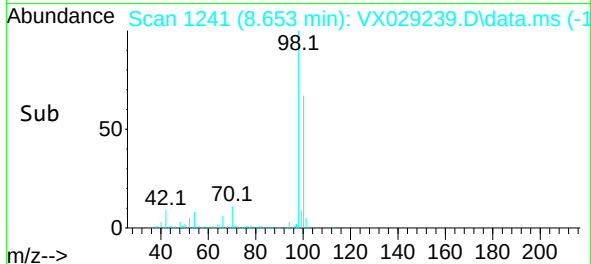
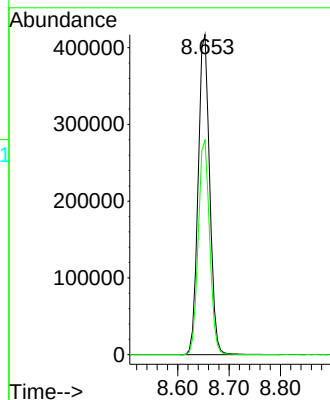
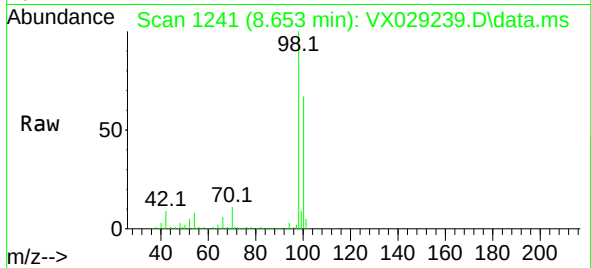




#50
Toluene-d8
Concen: 48.901 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

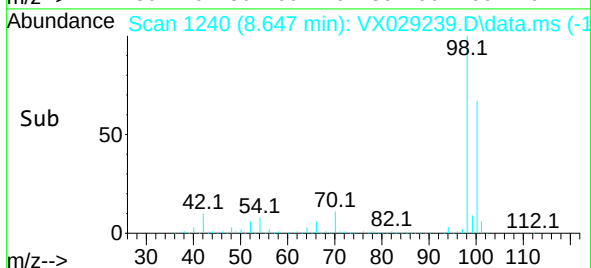
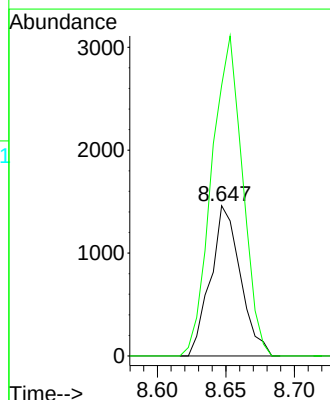
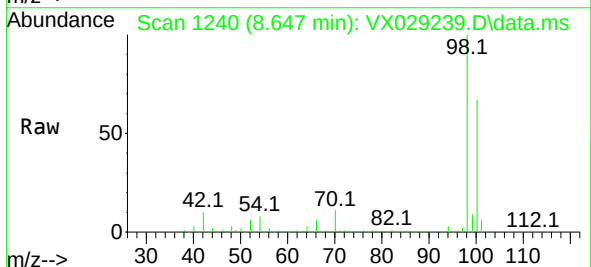
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

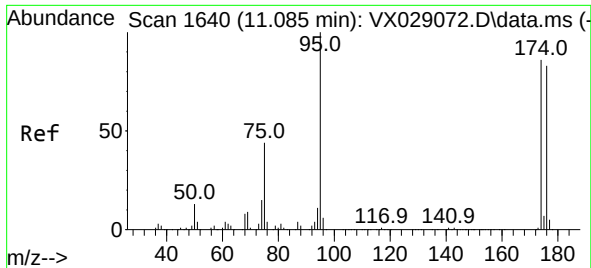
Tgt Ion: 98 Resp: 650142
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

Tgt Ion: 43 Resp: 2212
Ion Ratio Lower Upper
43 100
58 220.6 36.1 54.1#

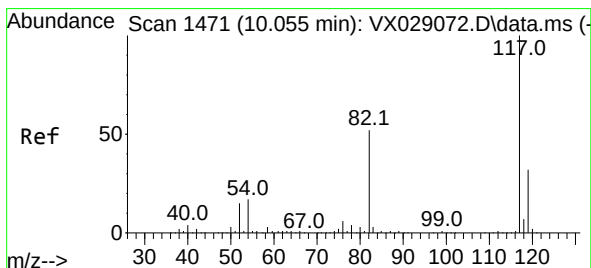
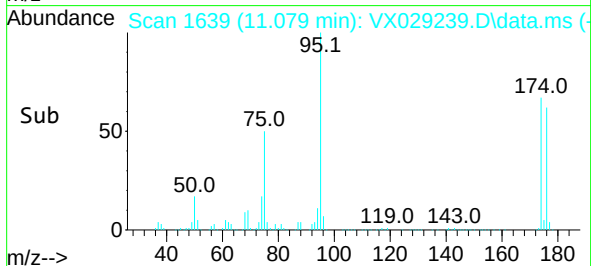
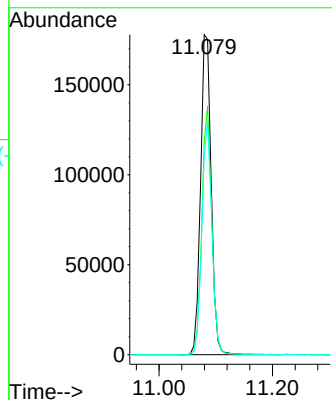
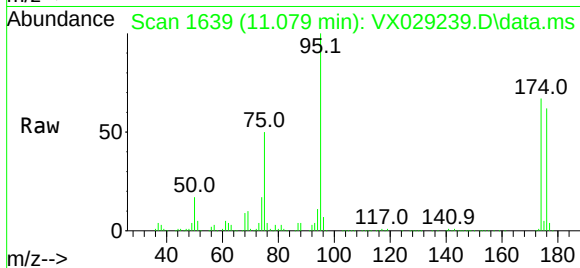




#62
4-Bromofluorobenzene
Concen: 45.035 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

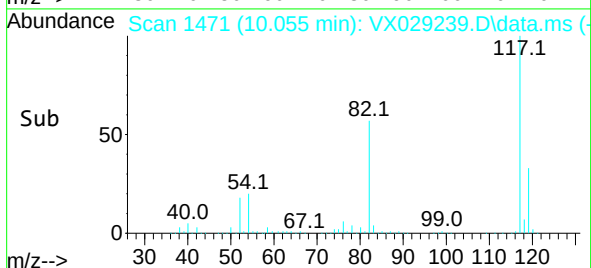
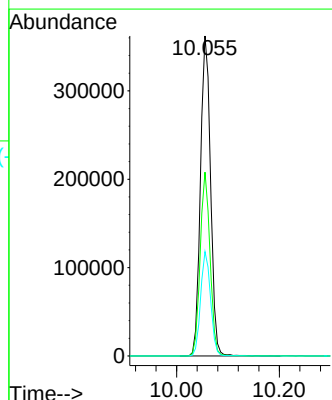
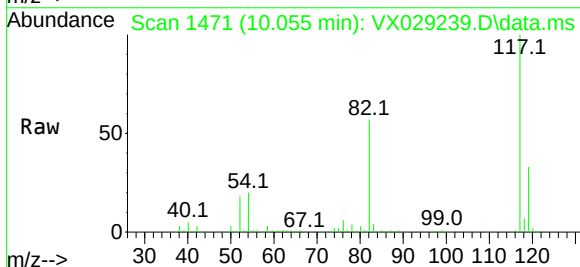
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

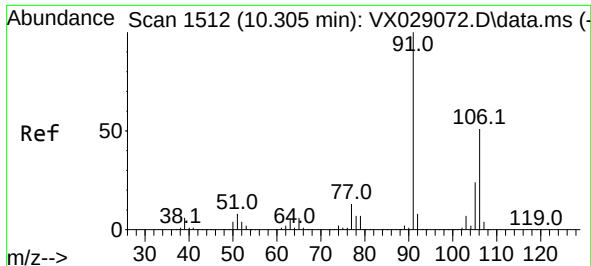
Tgt Ion: 95 Resp: 231448
Ion Ratio Lower Upper
95 100
174 72.5 0.0 163.0
176 69.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

Tgt Ion: 117 Resp: 494674
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.8
119 32.6 24.8 37.2

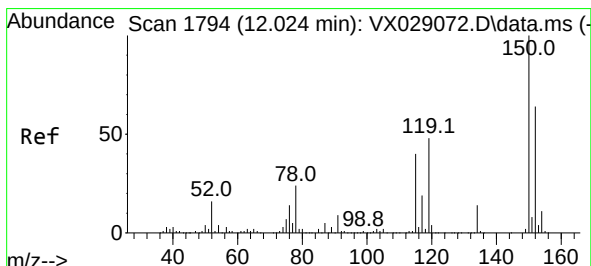
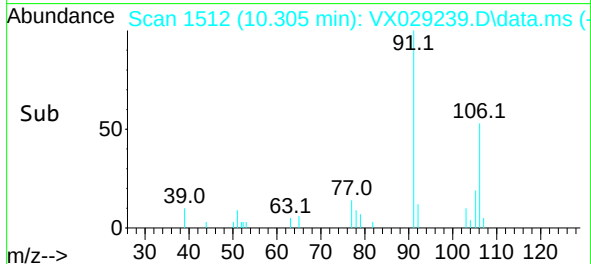
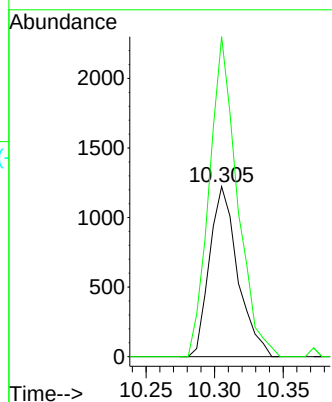
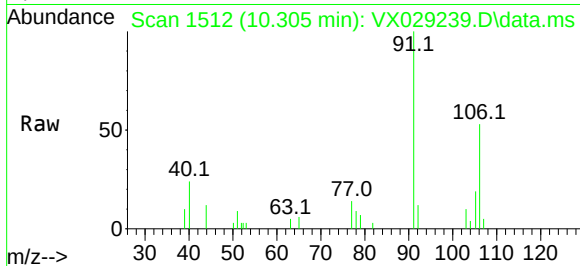




#68
m/p-Xylenes
Concen: 0.255 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

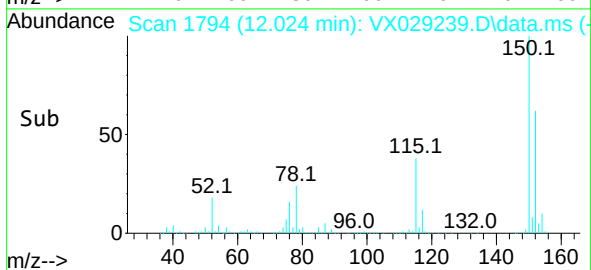
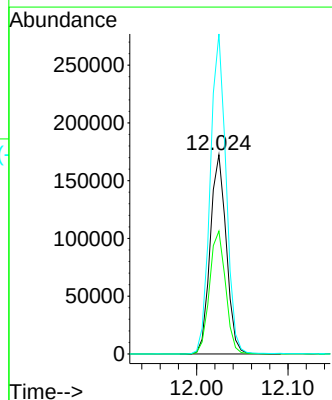
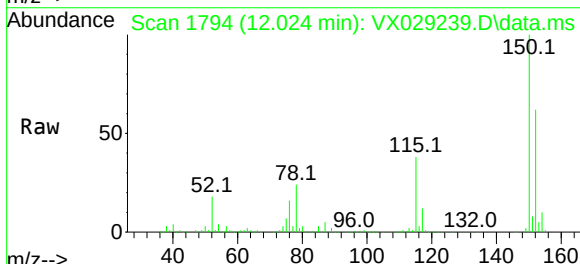
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

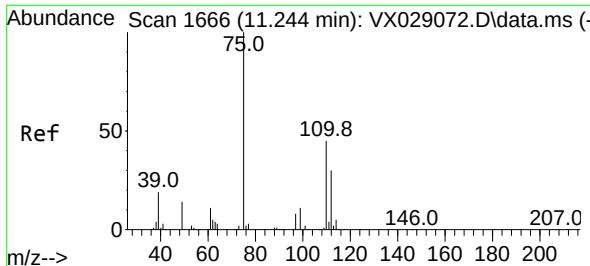
Tgt Ion:106 Resp: 1752
Ion Ratio Lower Upper
106 100
91 186.9 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

Tgt Ion:152 Resp: 210210
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 158.4 0.0 338.2

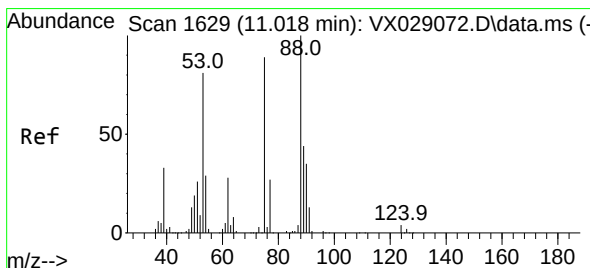
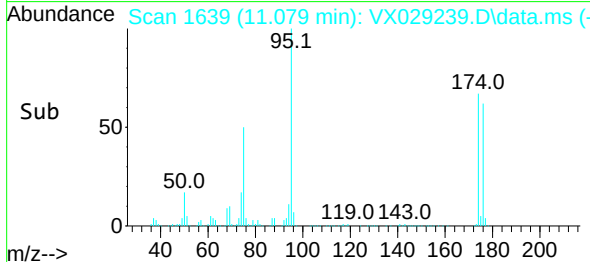
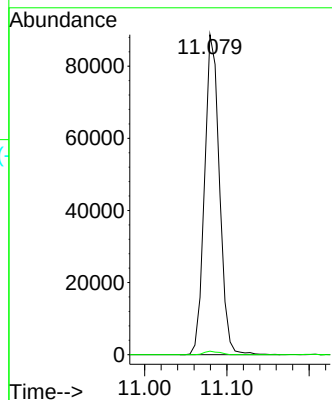
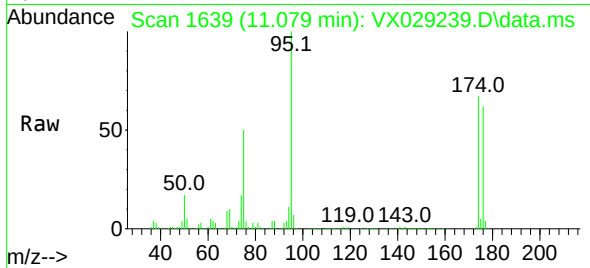




#76
1,2,3-Trichloropropane
Concen: 26.203 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

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

Tgt Ion: 75 Resp: 111660
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.875 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029239.D
Acq: 06 Jun 2022 15:10

Tgt Ion: 75 Resp: 111660
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

