

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028202.D
 Acq On : 20 Apr 2022 16:58
 Operator : JC/MD
 Sample : N2450-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Apr 21 06:14:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

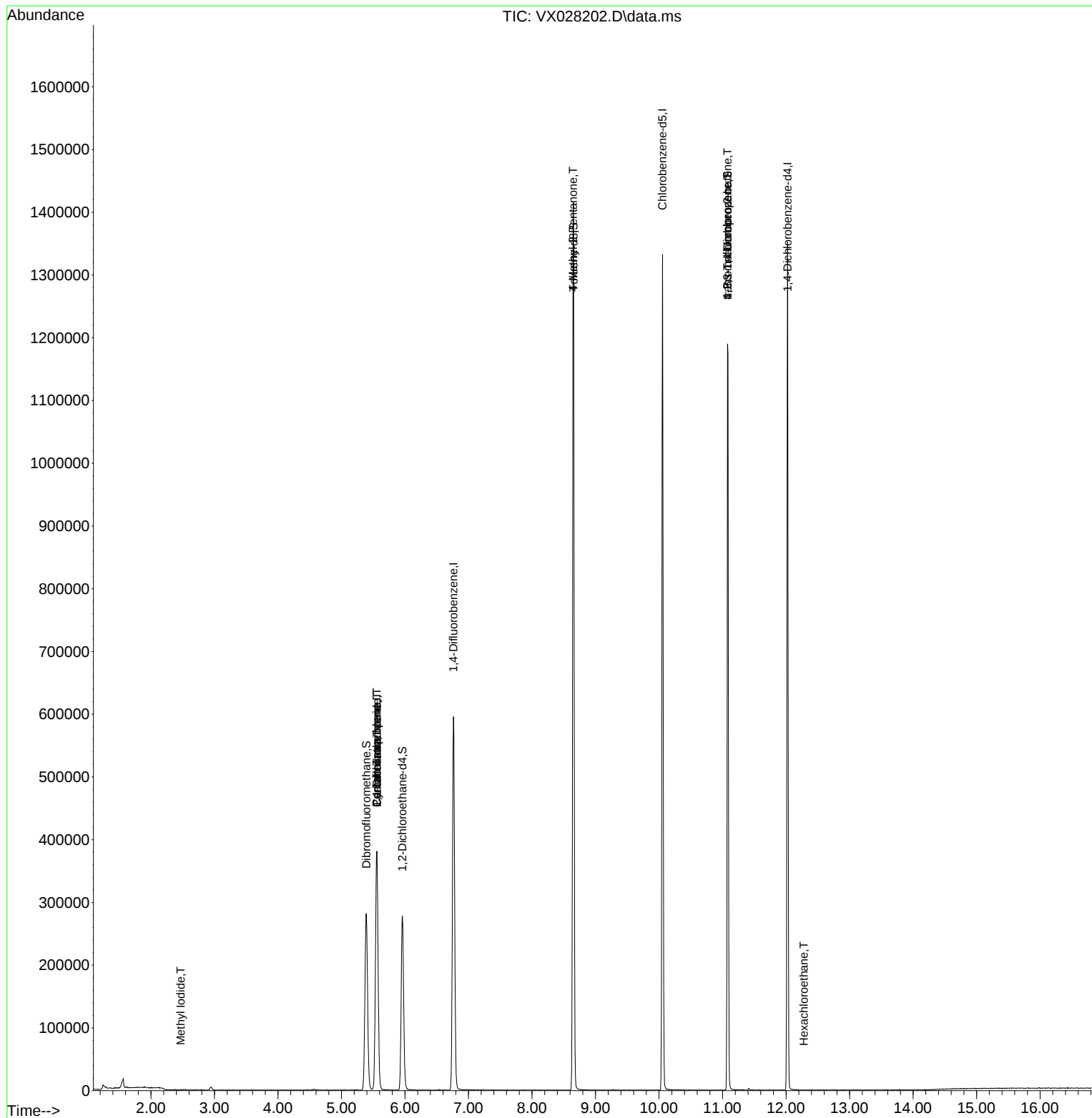
Internal Standards						
1) Pentafluorobenzene	5.556	168	374283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	640123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	603589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	277384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	267546	54.823	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.640%	
35) Dibromofluoromethane	5.391	113	245903	54.777	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.560%	
50) Toluene-d8	8.653	98	882662	51.193	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	11.079	95	318371	48.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	408	Below Cal	#	71
5) Bromomethane	1.611	94	921	Below Cal		94
6) Chloroethane	1.648	64	181	Below Cal	#	43
10) Methyl Iodide	2.465	142	661	5.377 ug/l	#	97
11) Tert butyl alcohol	2.946	59	2825	Below Cal	#	72
16) Acetone	2.379	43	1147	Below Cal	#	73
31) Cyclohexane	5.556	56	7001	1.177 ug/l	#	8
36) 1,1-Dichloropropene	5.556	75	27033	4.617 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	37702	5.703 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.647	43	3599	0.580 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	161082	29.507 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	161082	87.687 ug/l	#	15
90) Hexachloroethane	12.280	117	44	1.827 ug/l	#	10

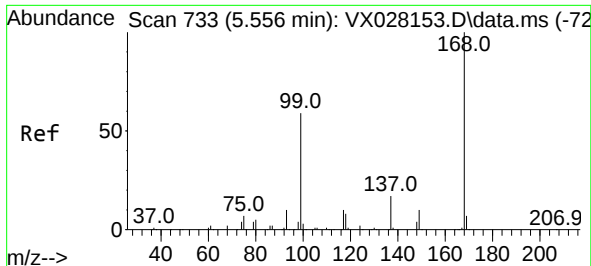
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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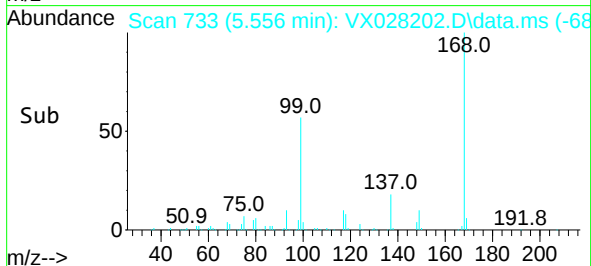
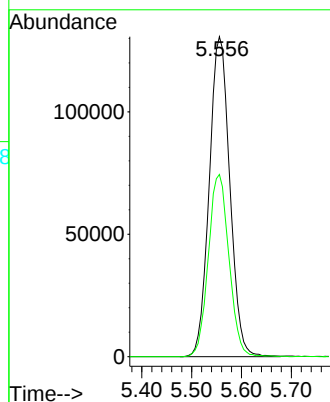
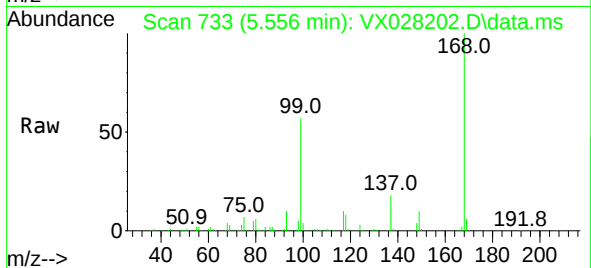




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

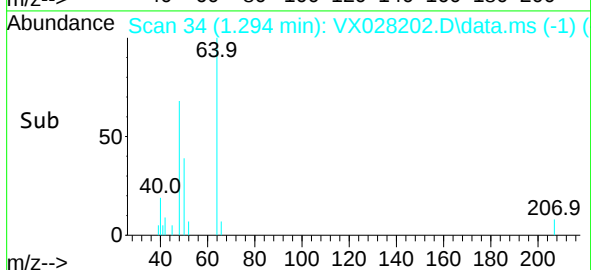
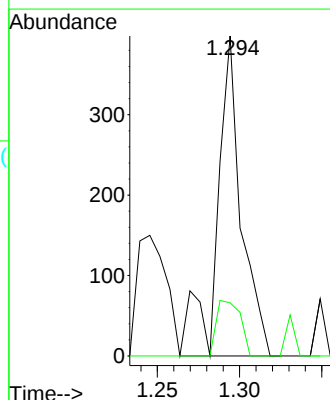
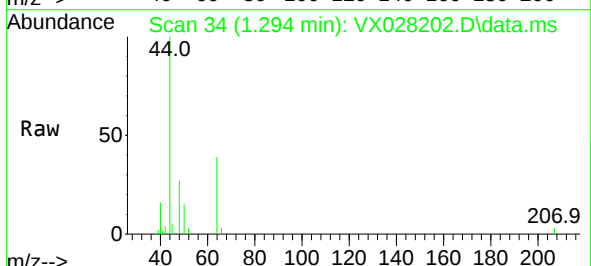
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 374283
Ion Ratio Lower Upper
168 100
99 56.9 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

Tgt Ion: 50 Resp: 408
Ion Ratio Lower Upper
50 100
52 16.6 26.4 39.6#

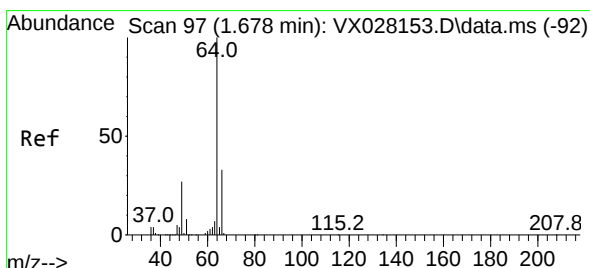
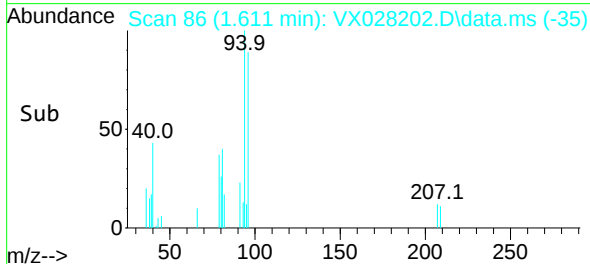
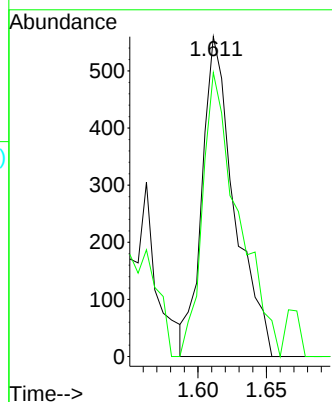
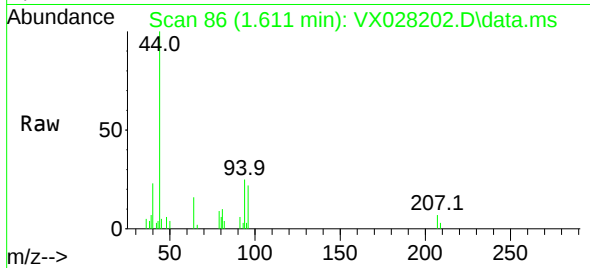




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

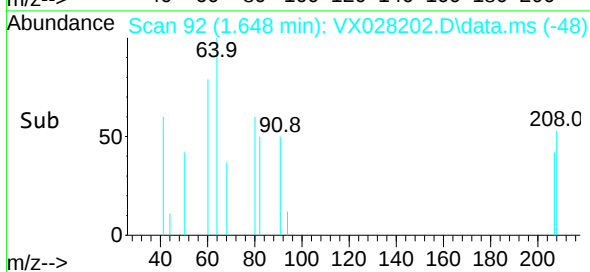
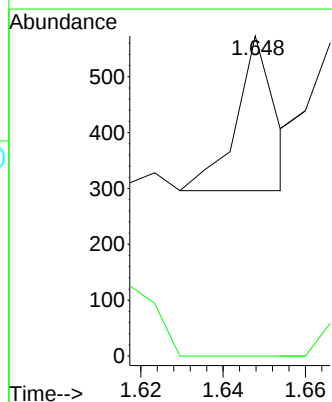
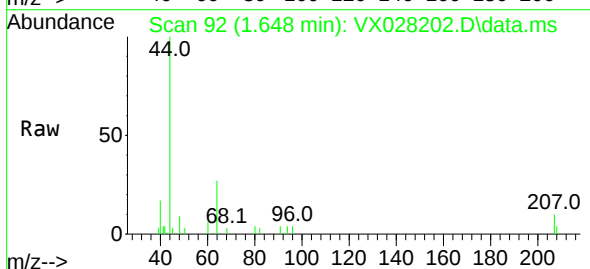
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

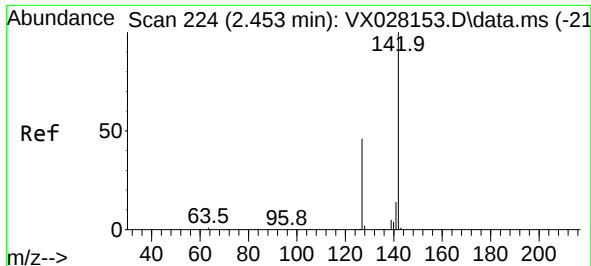
Tgt Ion: 94 Resp: 921
Ion Ratio Lower Upper
94 100
96 88.8 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 92
Delta R.T. -0.030 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

Tgt Ion: 64 Resp: 181
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9





#10

Methyl Iodide

Concen: 5.377 ug/l

RT: 2.465 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX028202.D

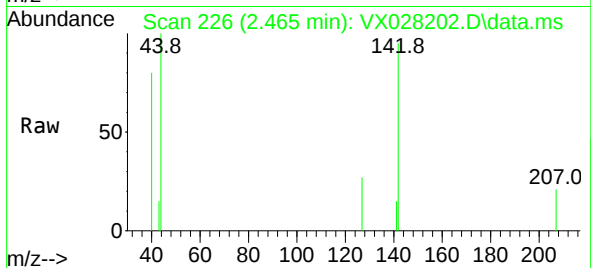
Acq: 20 Apr 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



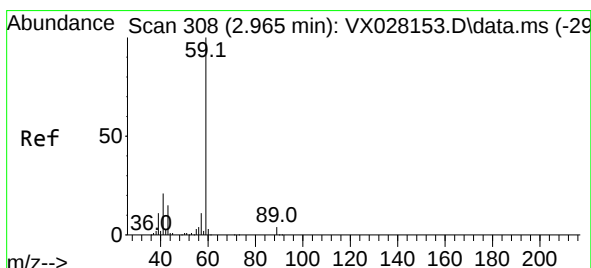
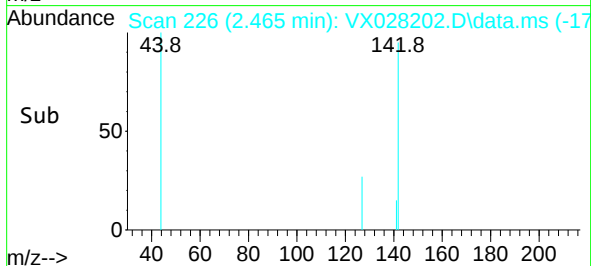
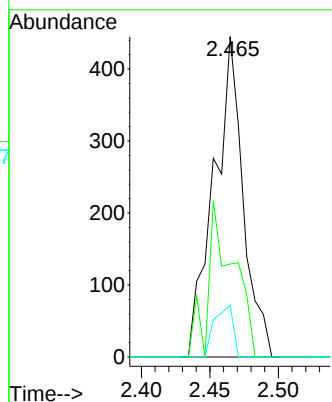
Tgt Ion:142 Resp: 661

Ion Ratio Lower Upper

142 100

127 42.8 33.9 50.9

141 10.3 11.4 17.2#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.019 min

Lab File: VX028202.D

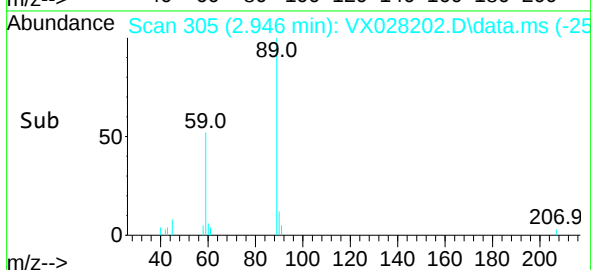
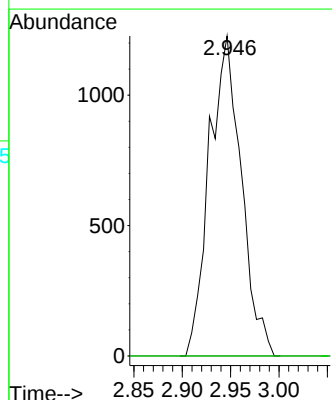
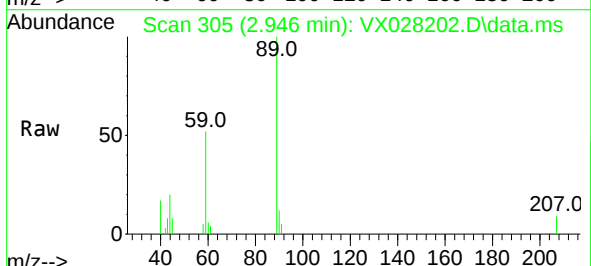
Acq: 20 Apr 2022 16:58

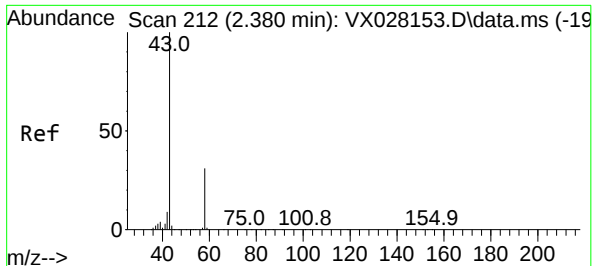
Tgt Ion: 59 Resp: 2825

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

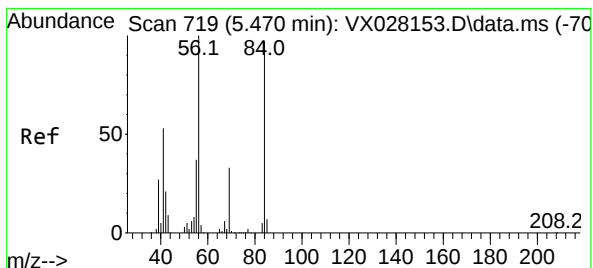
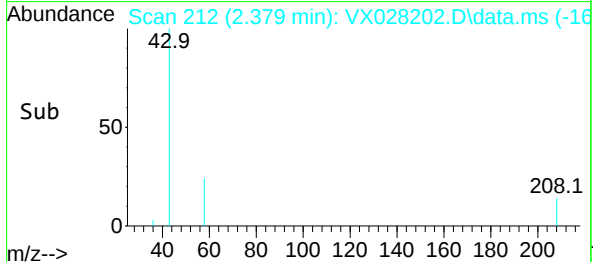
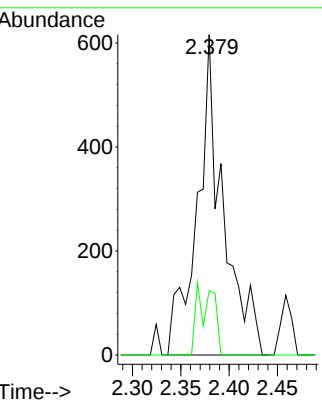
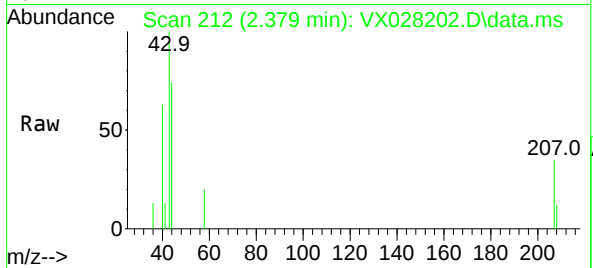




#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

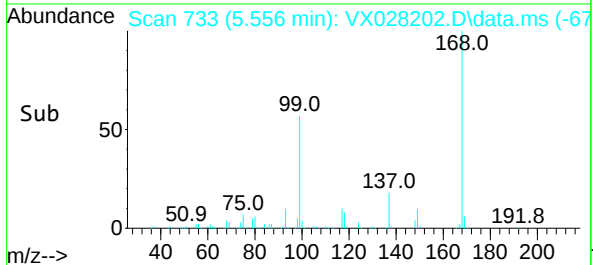
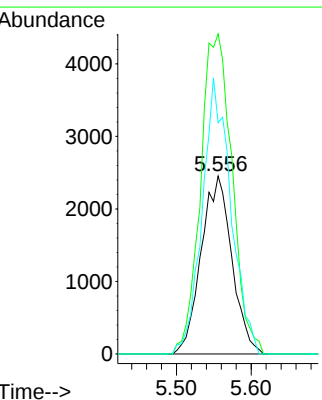
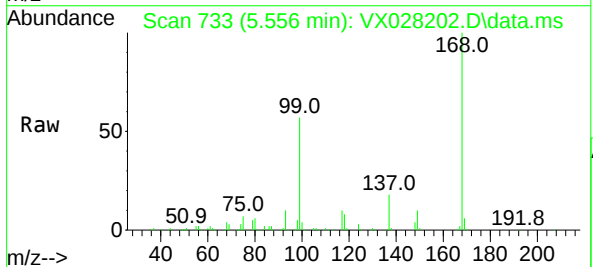
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

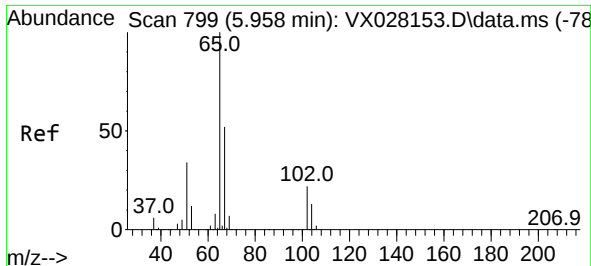
Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 20.1 28.8 43.2#



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

Tgt Ion: 56 Resp: 7001
Ion Ratio Lower Upper
56 100
69 179.9 26.7 40.1#
84 130.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 54.823 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028202.D

Acq: 20 Apr 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

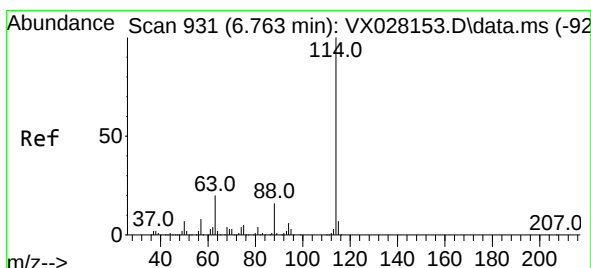
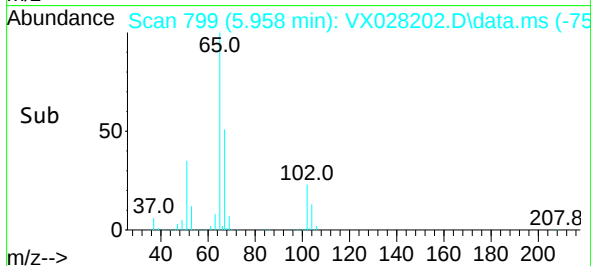
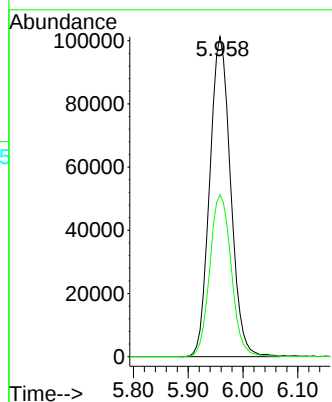
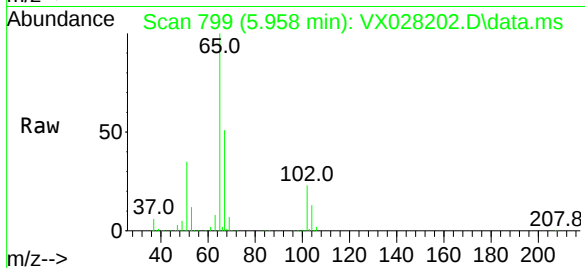
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 267546

Ion Ratio Lower Upper

65 100

67 52.1 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: VX028202.D

Acq: 20 Apr 2022 16:58

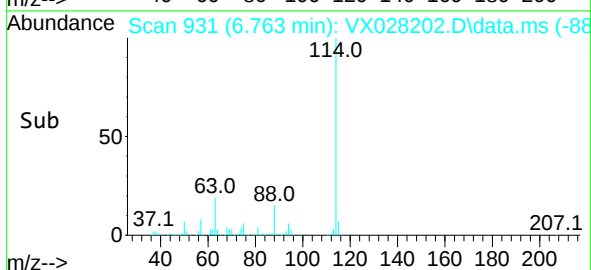
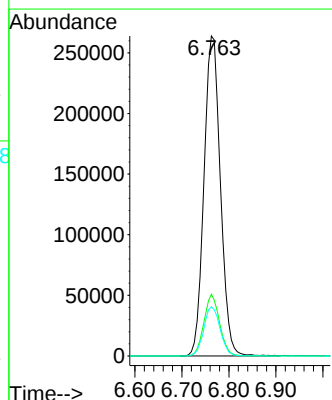
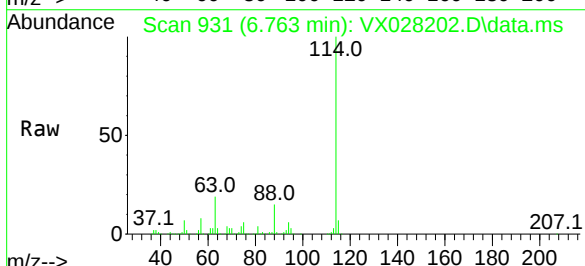
Tgt Ion: 114 Resp: 640123

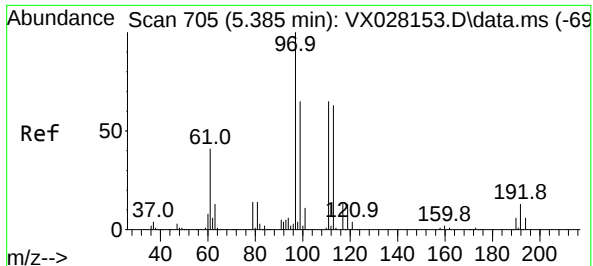
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 15.3 0.0 32.4

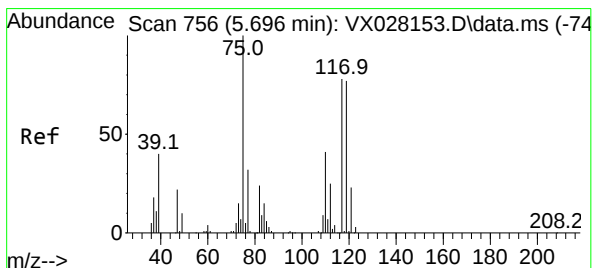
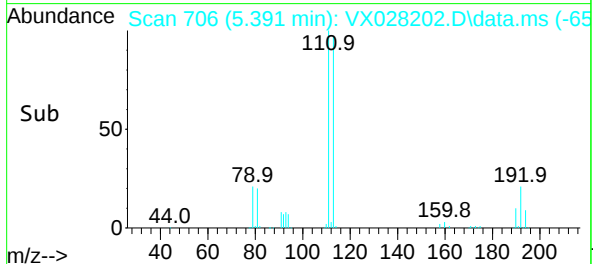
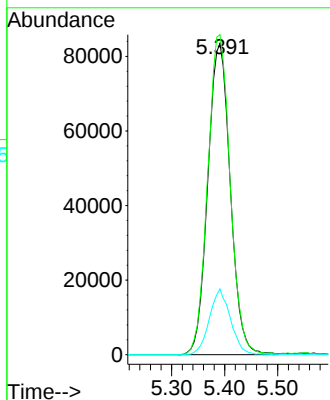
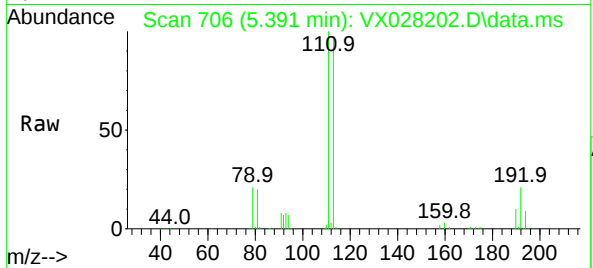




#35
Dibromofluoromethane
Concen: 54.777 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

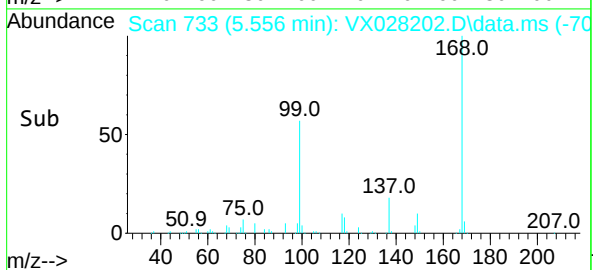
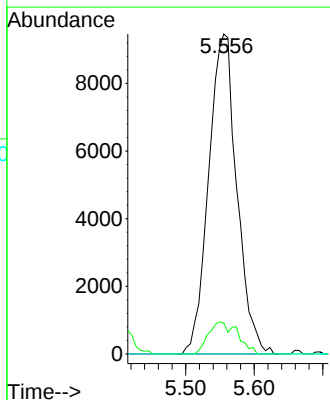
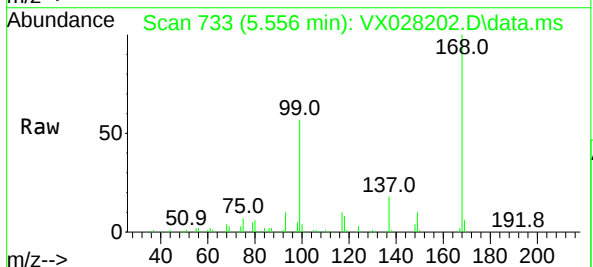
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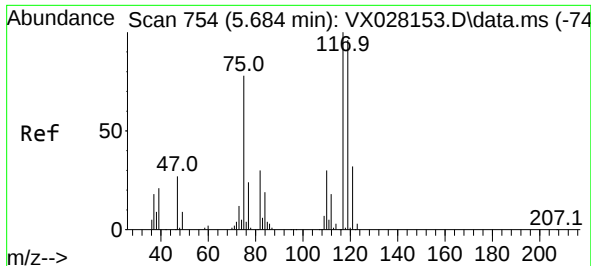
Tgt Ion:113 Resp: 245903
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

Tgt Ion: 75 Resp: 27033
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#

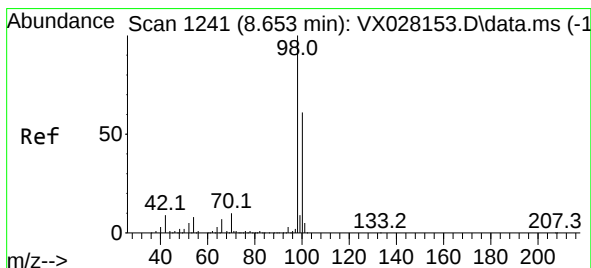
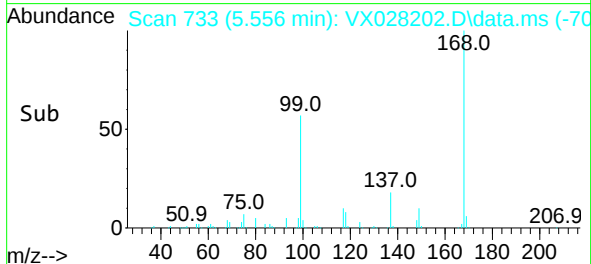
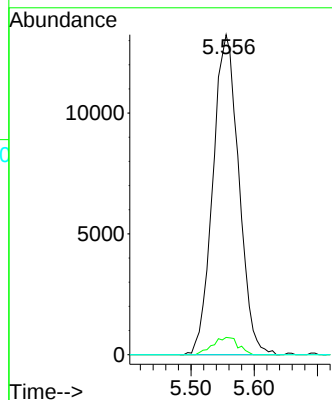
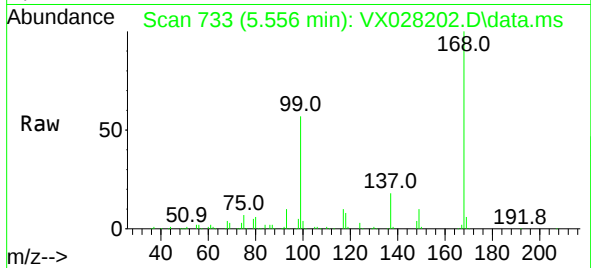




#38
Carbon Tetrachloride
Concen: 5.703 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

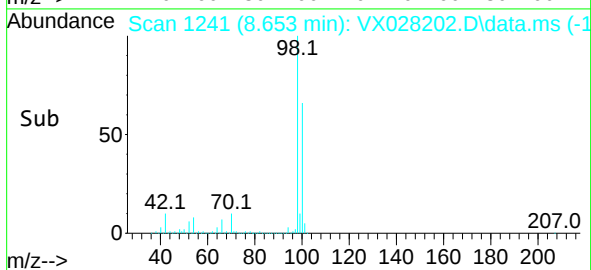
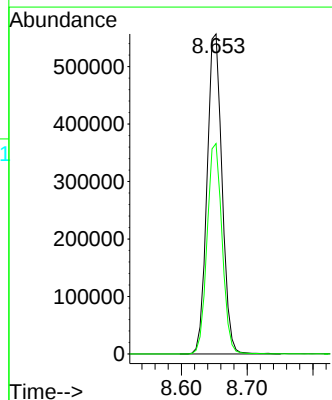
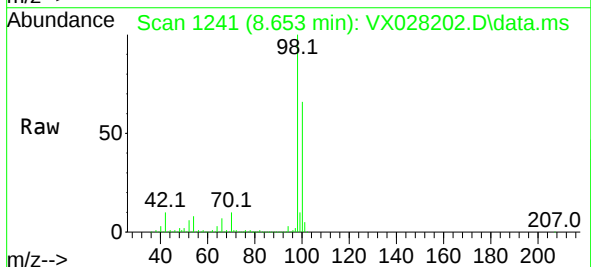
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

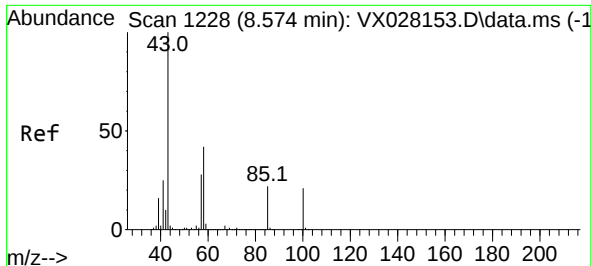
Tgt Ion:117 Resp: 37702
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.193 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

Tgt Ion: 98 Resp: 882662
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.580 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX028202.D

Acq: 20 Apr 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

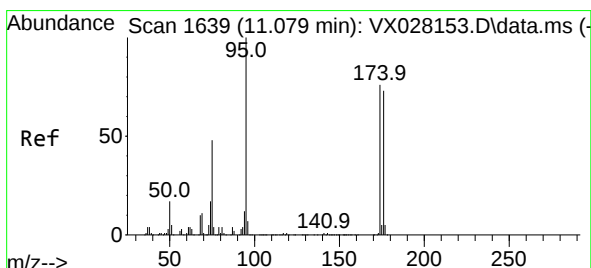
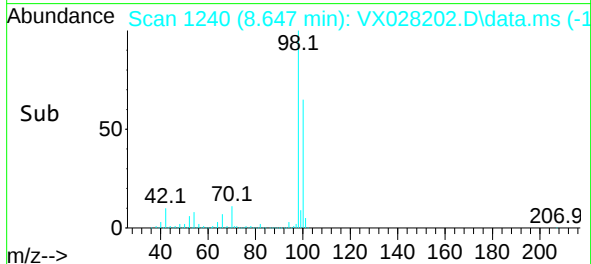
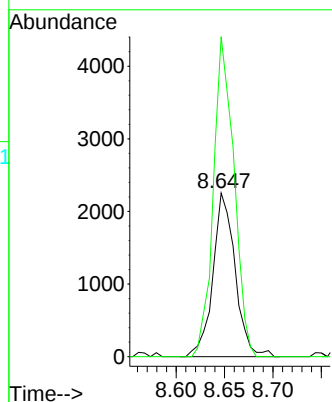
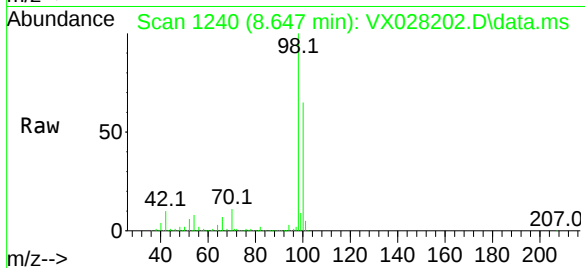
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 3599

Ion Ratio Lower Upper

43 100

58 181.5 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 48.292 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX028202.D

Acq: 20 Apr 2022 16:58

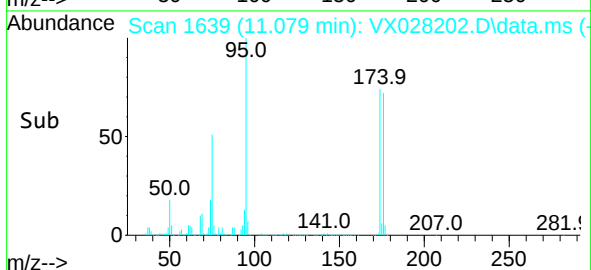
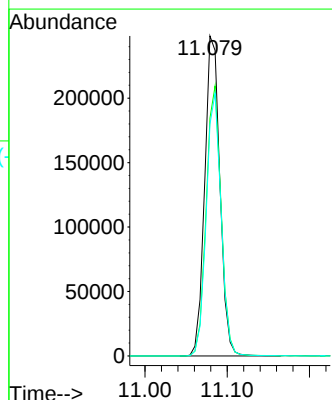
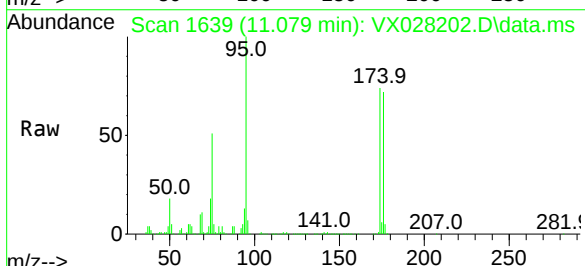
Tgt Ion: 95 Resp: 318371

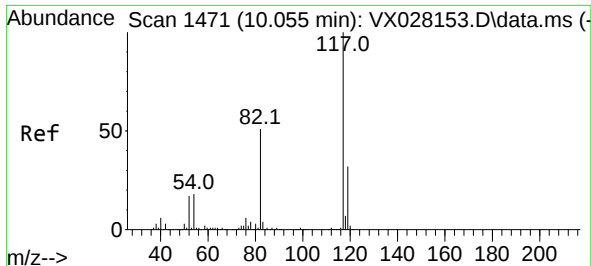
Ion Ratio Lower Upper

95 100

174 82.9 0.0 163.0

176 80.3 0.0 155.0

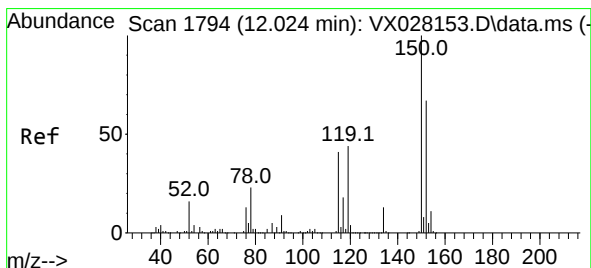
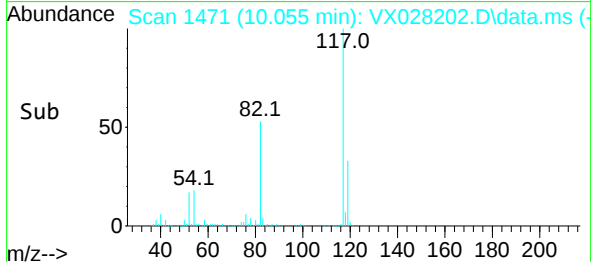
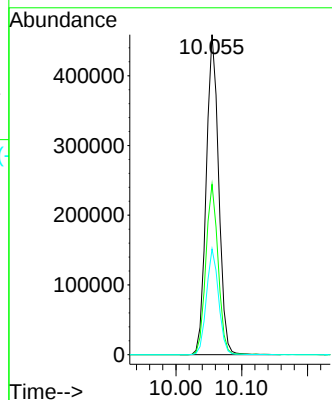
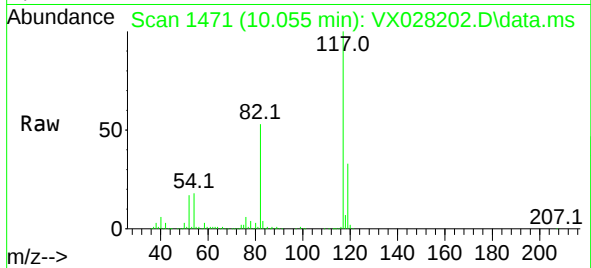




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

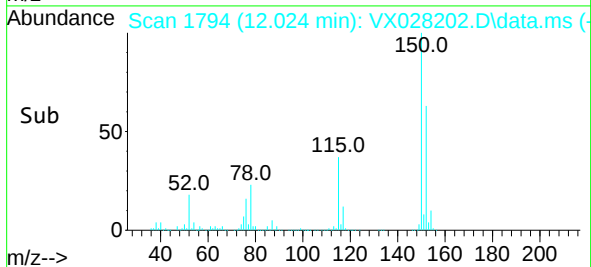
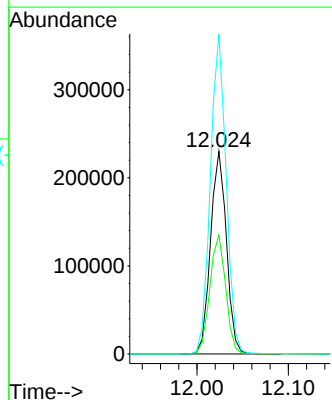
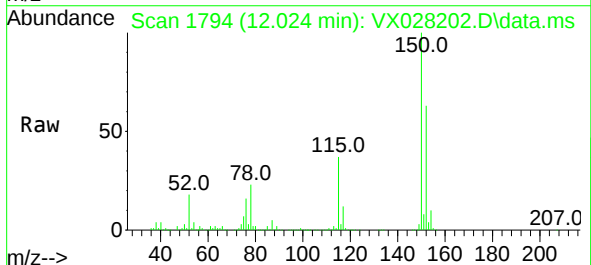
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

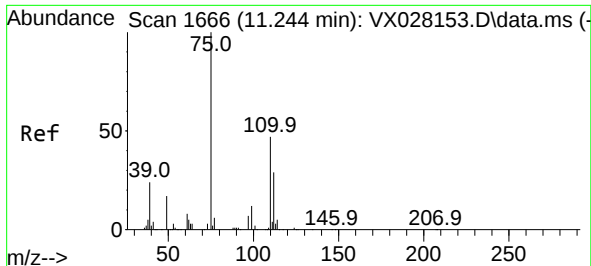
Tgt Ion:117 Resp: 603589
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.8
119 33.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

Tgt Ion:152 Resp: 277384
Ion Ratio Lower Upper
152 100
115 58.6 37.5 112.7
150 156.8 0.0 338.2

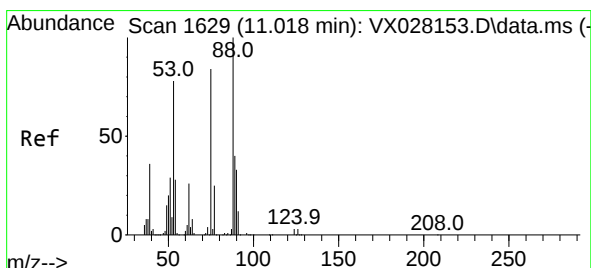
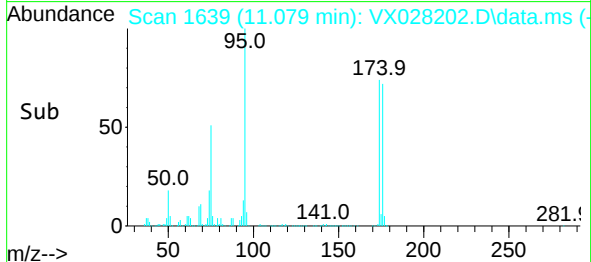
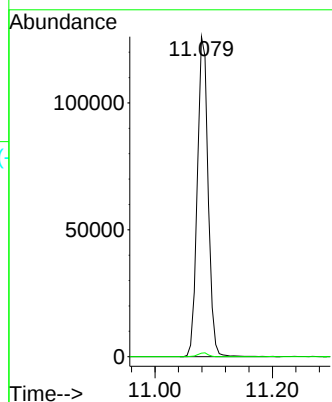
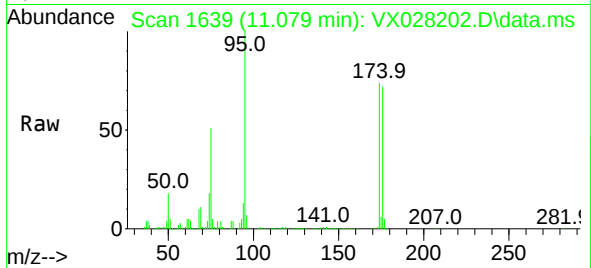




#76
1,2,3-Trichloropropane
Concen: 29.507 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

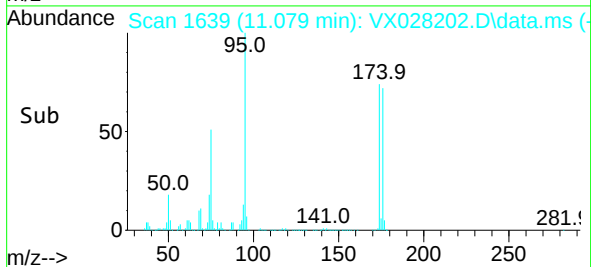
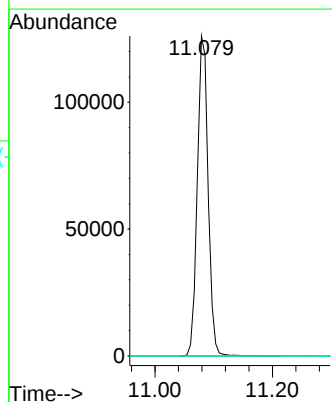
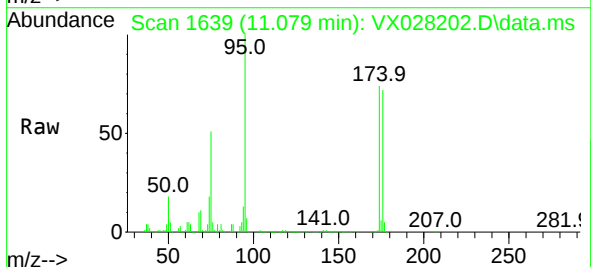
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

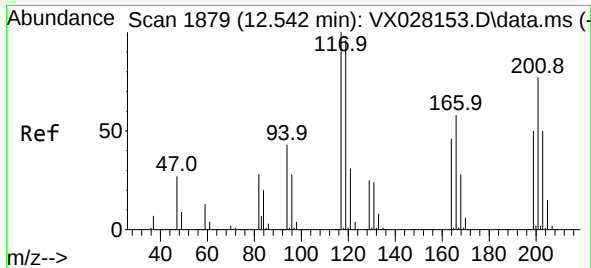
Tgt Ion: 75 Resp: 161082
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

Tgt Ion: 75 Resp: 161082
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#90
Hexachloroethane
Concen: 1.827 ug/l
RT: 12.280 min Scan# 11
Delta R.T. -0.262 min
Lab File: VX028202.D
Acq: 20 Apr 2022 16:58

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

Tgt Ion:117 Resp: 44
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

