

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027613.D
 Acq On : 22 Mar 2022 14:42
 Operator : JC/MD
 Sample : N2026-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 23 01:46:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

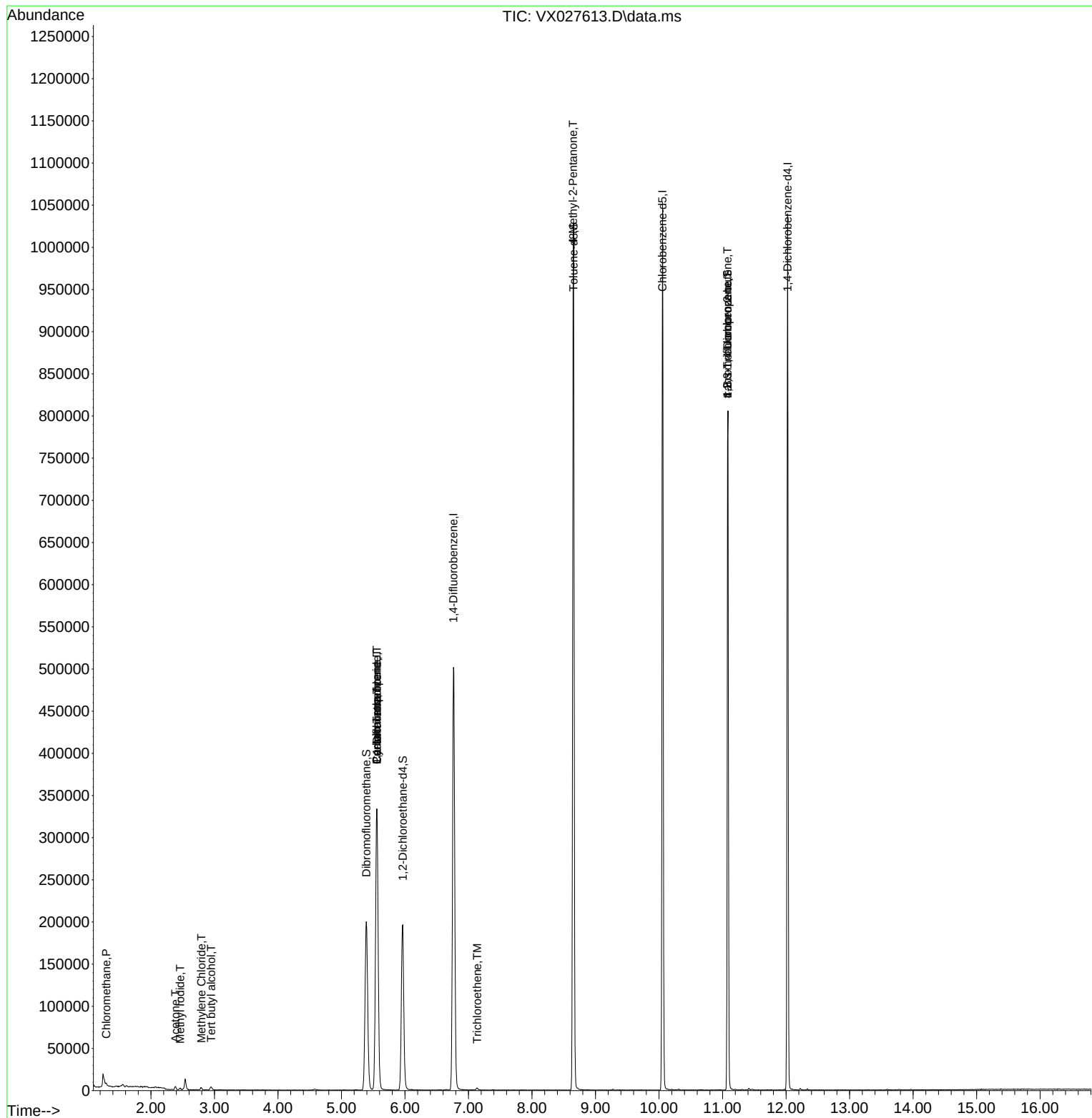
Internal Standards						
1) Pentafluorobenzene	5.556	168	344740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	554271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	495855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	193627	45.593	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.180%
35) Dibromofluoromethane	5.391	113	178887	50.164	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.320%
50) Toluene-d8	8.653	98	643247	47.668	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.340%
62) 4-Bromofluorobenzene	11.079	95	223225	45.005	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	890	0.303	ug/l	99
5) Bromomethane	1.611	94	1053	Below Cal		87
10) Methyl Iodide	2.459	142	2481	0.562	ug/l	95
11) Tert butyl alcohol	2.946	59	2082	2.572	ug/l #	72
16) Acetone	2.385	43	3914	2.261	ug/l	97
20) Methylene Chloride	2.794	84	1296	0.348	ug/l #	92
31) Cyclohexane	5.556	56	5550	1.052	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	21945	4.503	ug/l #	45
38) Carbon Tetrachloride	5.556	117	33222	5.959	ug/l #	15
44) Trichloroethene	7.135	130	1162	0.274	ug/l	86
51) 4-Methyl-2-Pentanone	8.646	43	2254	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	103984	21.901	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	103984	66.514	ug/l #	15

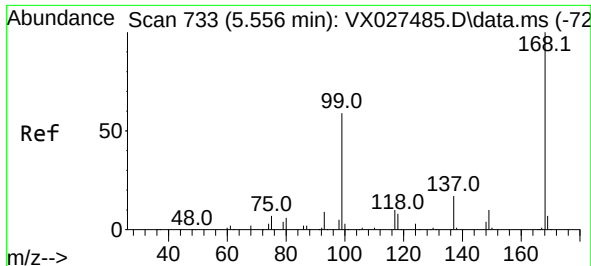
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027613.D
Acq On : 22 Mar 2022 14:42
Operator : JC/MD
Sample : N2026-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 23 01:46:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

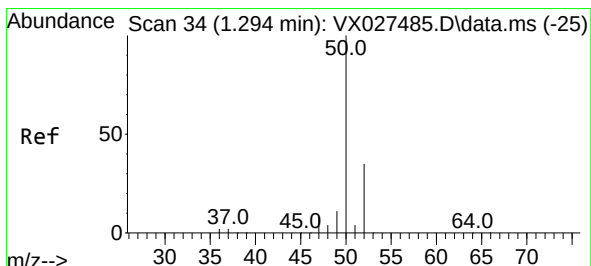
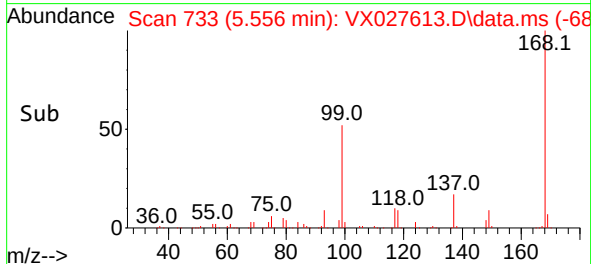
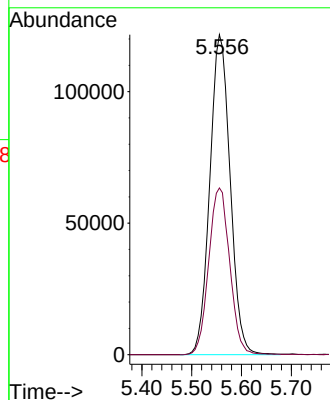
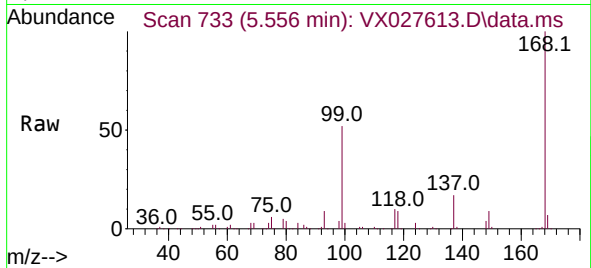




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027613.D
Acq: 22 Mar 2022 14:42

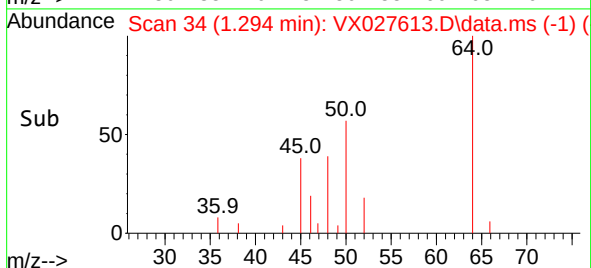
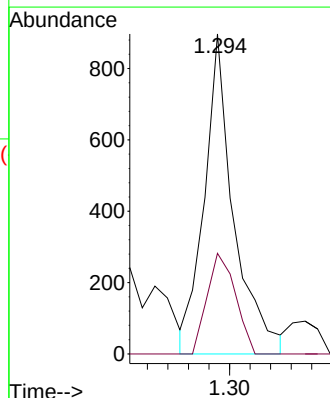
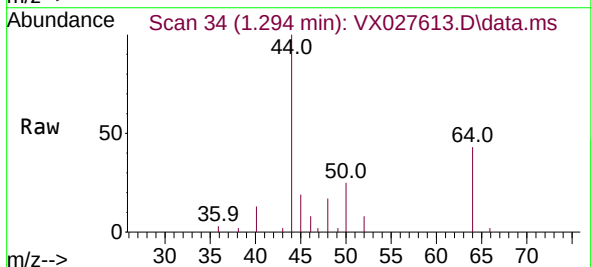
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

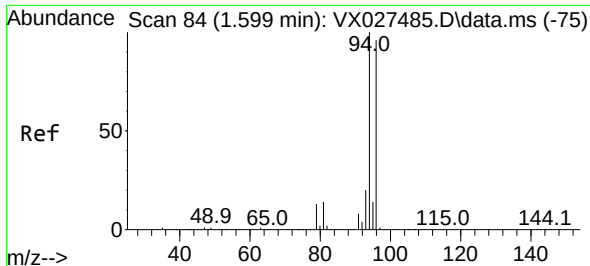
Tgt Ion:168 Resp: 344740
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#3
Chloromethane
Concen: 0.303 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX027613.D
Acq: 22 Mar 2022 14:42

Tgt Ion: 50 Resp: 890
Ion Ratio Lower Upper
50 100
52 33.4 26.4 39.6

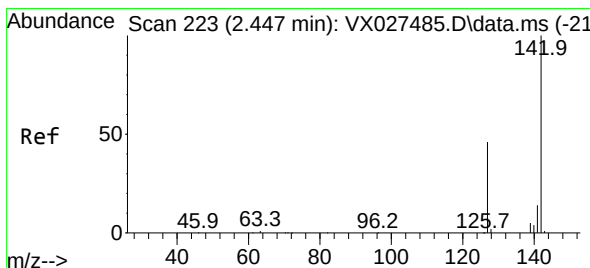
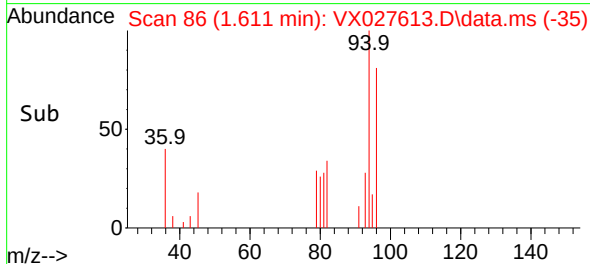
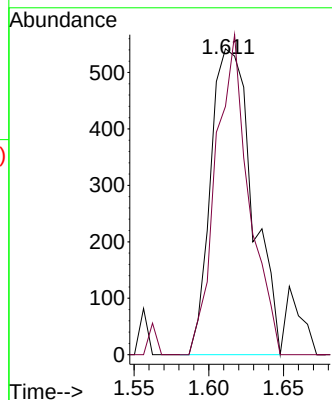
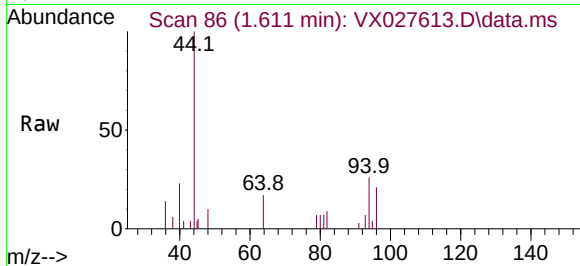




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027613.D
Acq: 22 Mar 2022 14:42

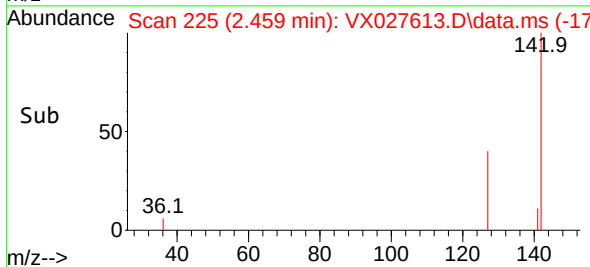
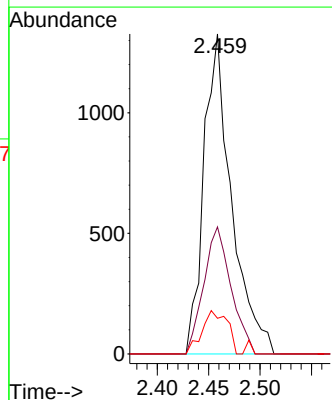
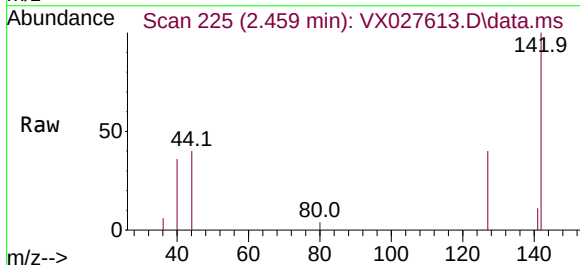
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

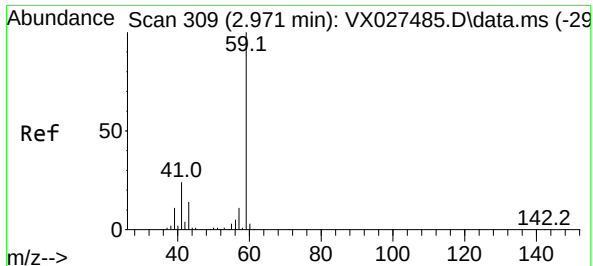
Tgt Ion: 94 Resp: 1053
Ion Ratio Lower Upper
94 100
96 81.2 75.3 112.9



#10
Methyl Iodide
Concen: 0.562 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.012 min
Lab File: VX027613.D
Acq: 22 Mar 2022 14:42

Tgt Ion: 142 Resp: 2481
Ion Ratio Lower Upper
142 100
127 39.1 33.9 50.9
141 12.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 2.572 ug/l

RT: 2.946 min Scan# 30

Delta R.T. -0.025 min

Lab File: VX027613.D

Acq: 22 Mar 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :

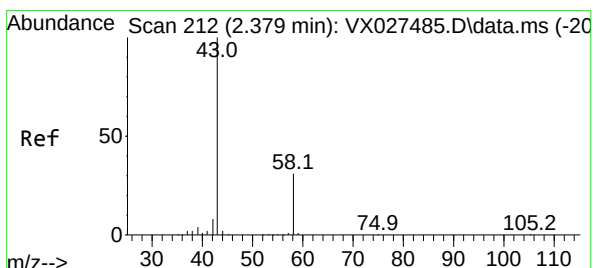
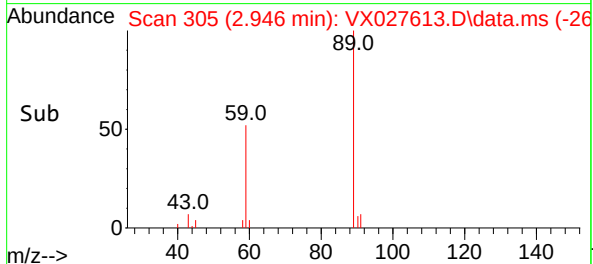
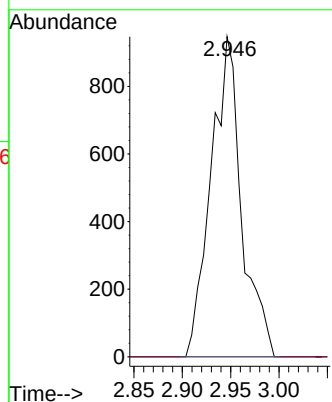
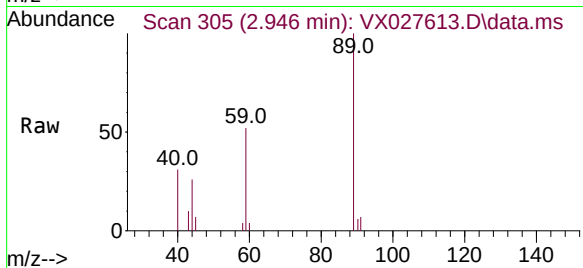
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 59 Resp: 2082

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.261 ug/l

RT: 2.385 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027613.D

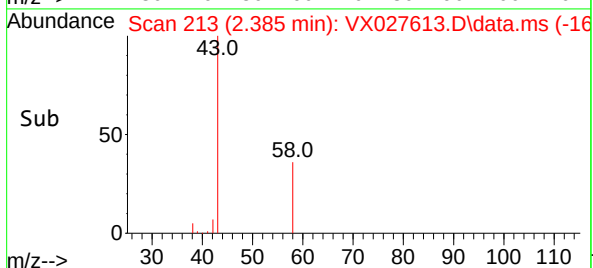
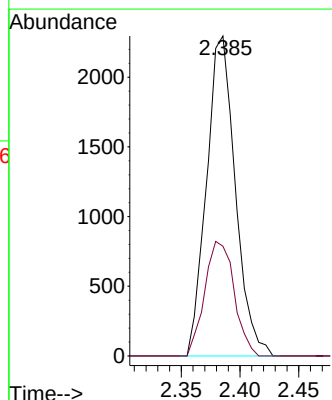
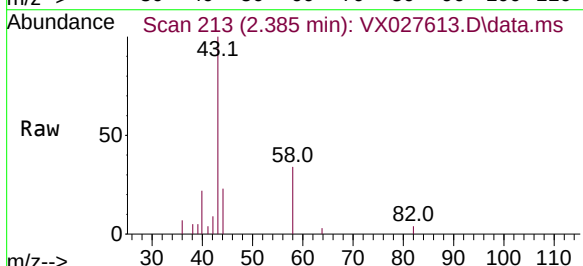
Acq: 22 Mar 2022 14:42

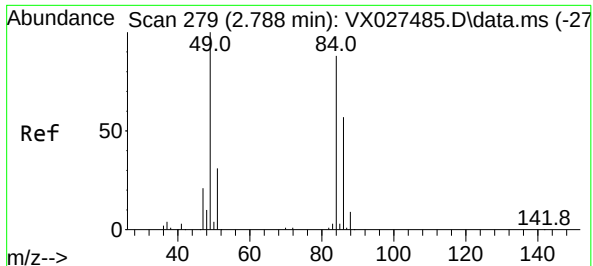
Tgt Ion: 43 Resp: 3914

Ion Ratio Lower Upper

43 100

58 34.3 28.8 43.2





#20

Methylene Chloride

Concen: 0.348 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027613.D

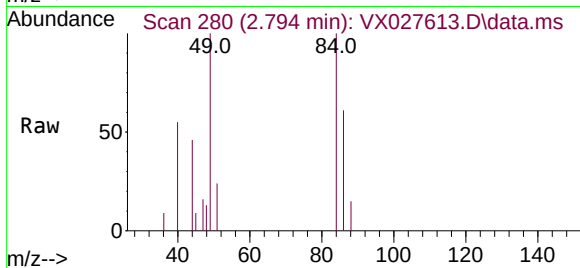
Acq: 22 Mar 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion: 84 Resp: 1296

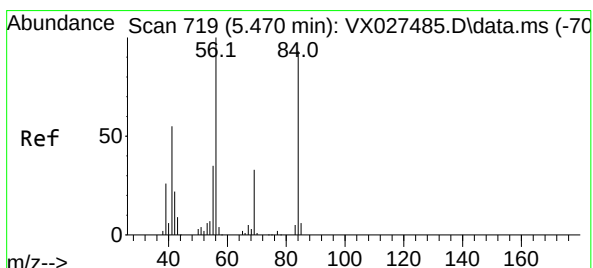
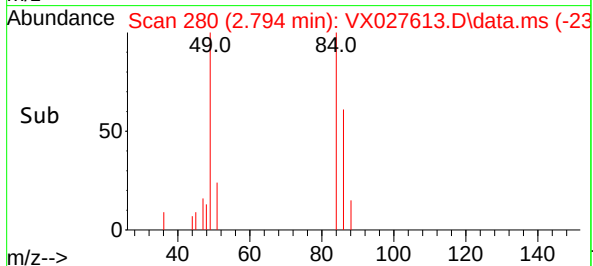
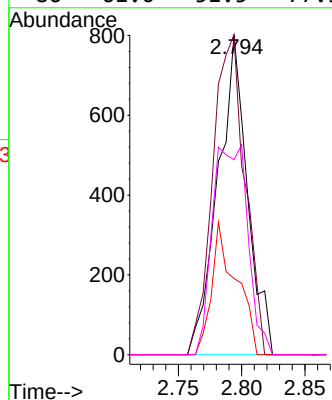
Ion Ratio Lower Upper

84 100

49 100.0 85.5 128.3

51 23.8 26.6 39.8#

86 61.0 51.5 77.3



#31

Cyclohexane

Concen: 1.052 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX027613.D

Acq: 22 Mar 2022 14:42

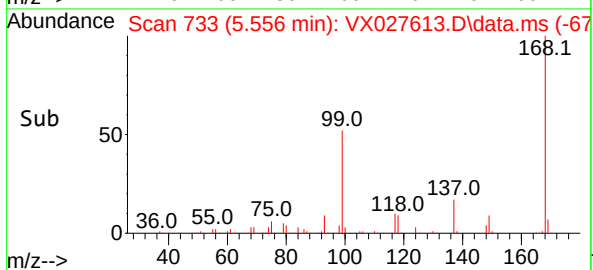
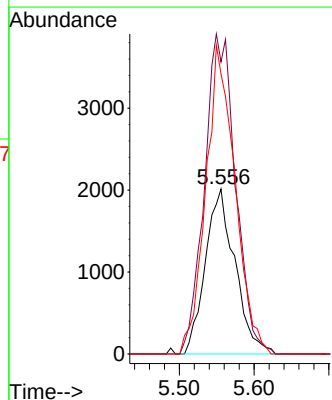
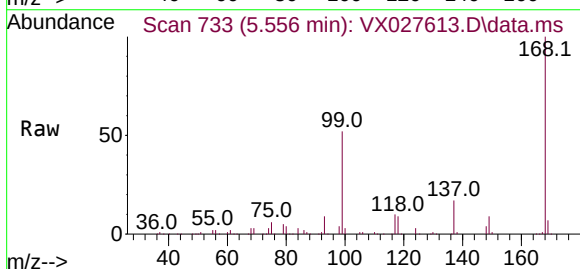
Tgt Ion: 56 Resp: 5550

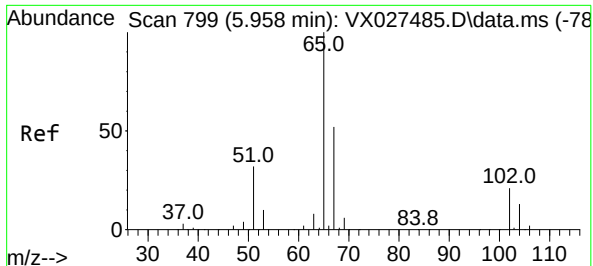
Ion Ratio Lower Upper

56 100

69 177.0 26.7 40.1#

84 169.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 45.593 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027613.D

Acq: 22 Mar 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :

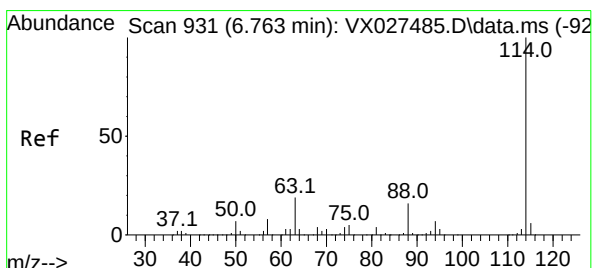
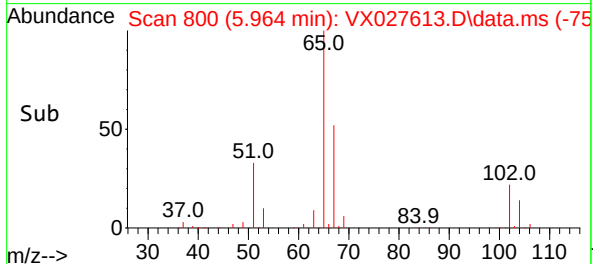
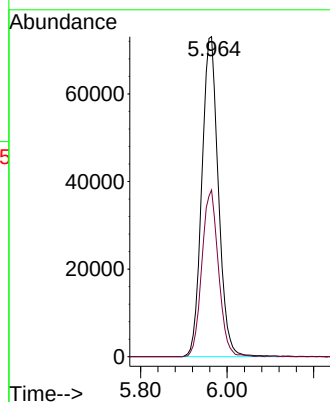
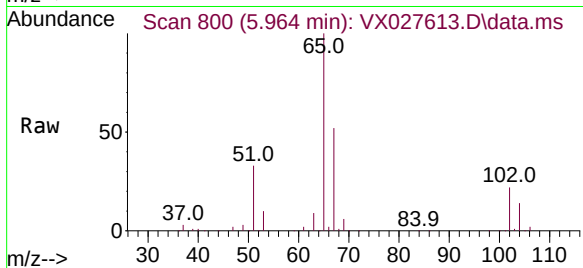
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 193627

Ion Ratio Lower Upper

65 100

67 52.2 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: VX027613.D

Acq: 22 Mar 2022 14:42

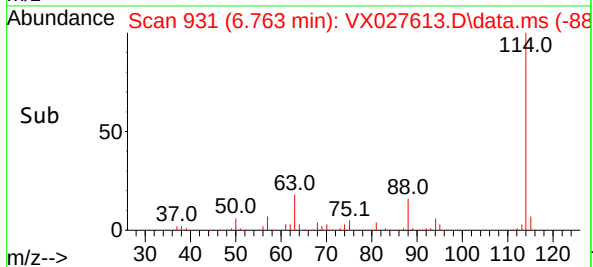
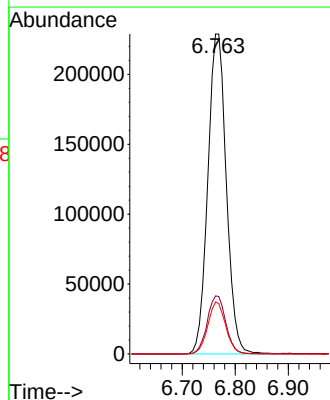
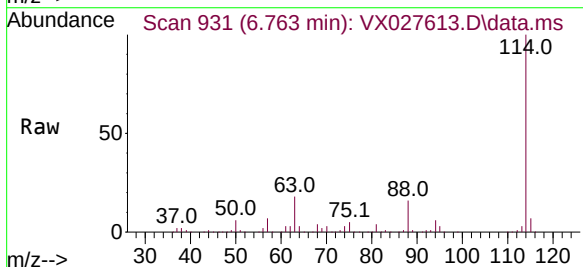
Tgt Ion: 114 Resp: 554271

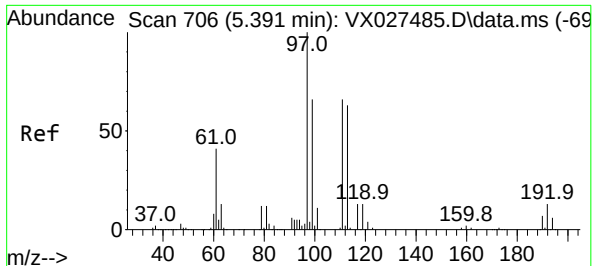
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 16.3 0.0 32.4

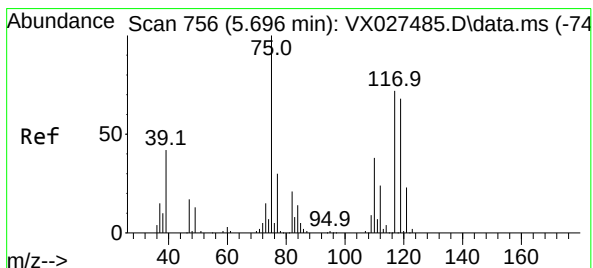
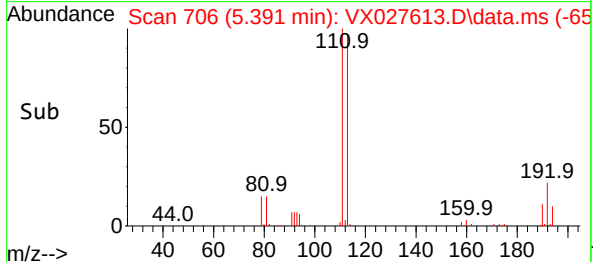
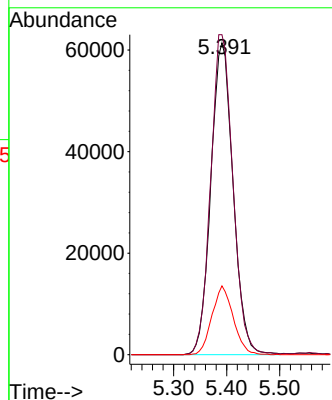
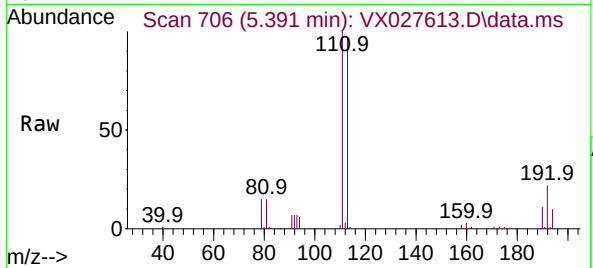




#35
Dibromofluoromethane
Concen: 50.164 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027613.D
Acq: 22 Mar 2022 14:42

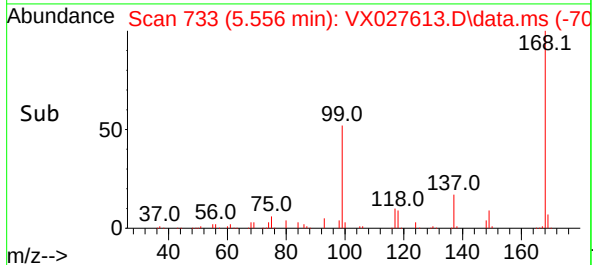
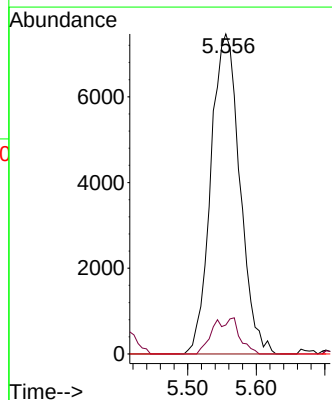
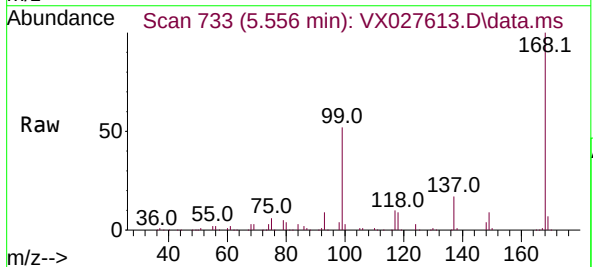
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

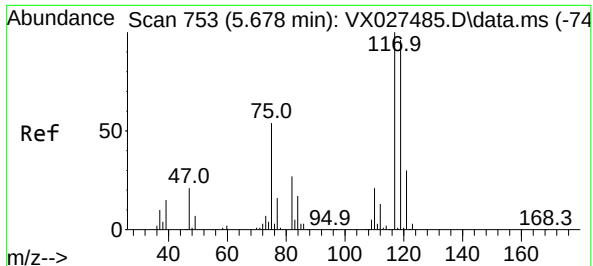
Tgt Ion:113 Resp: 178887
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 21.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.503 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027613.D
Acq: 22 Mar 2022 14:42

Tgt Ion: 75 Resp: 21945
Ion Ratio Lower Upper
75 100
110 4.6 18.3 54.8#
77 0.0 24.8 37.2#

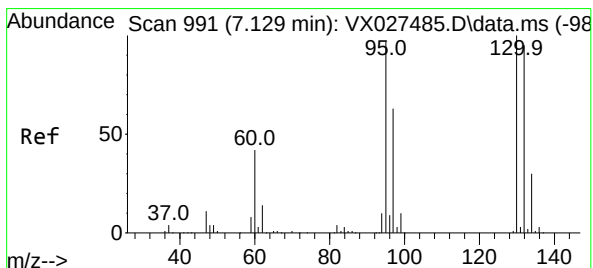
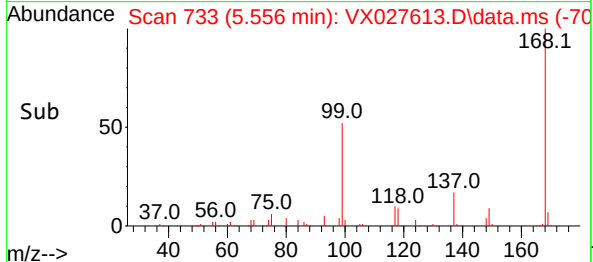
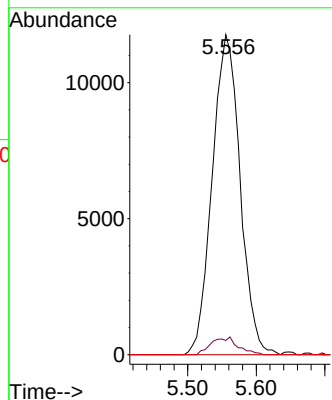
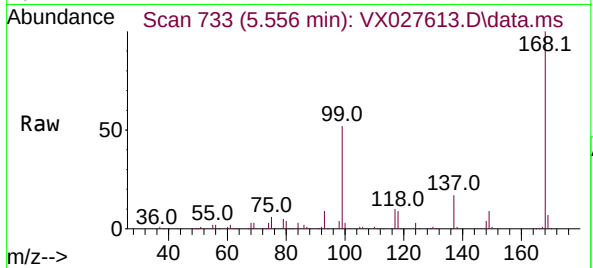




#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX027613.D
Acq: 22 Mar 2022 14:42

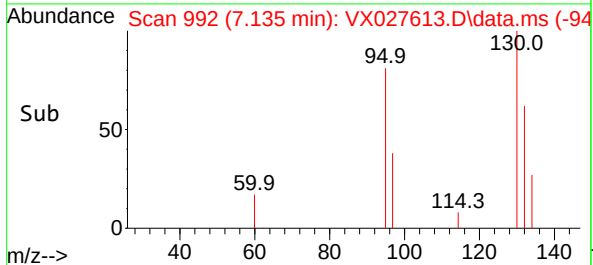
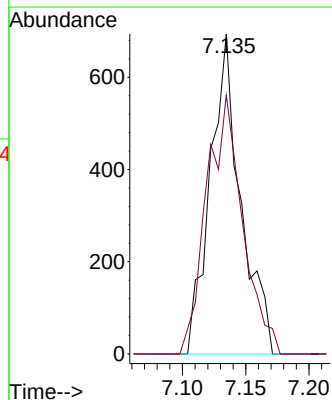
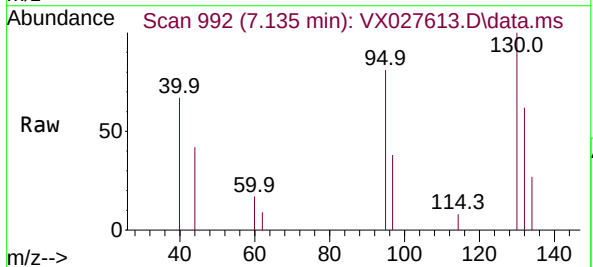
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

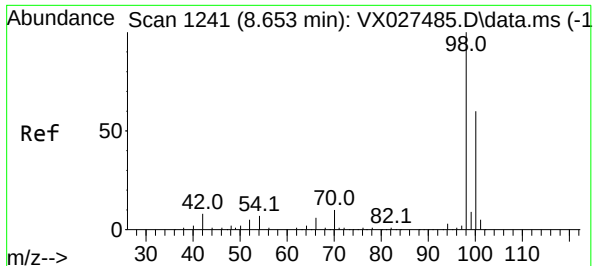
Tgt Ion:117 Resp: 33222
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.274 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX027613.D
Acq: 22 Mar 2022 14:42

Tgt Ion:130 Resp: 1162
Ion Ratio Lower Upper
130 100
95 80.8 0.0 188.8





#50

Toluene-d8

Concen: 47.668 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027613.D

Acq: 22 Mar 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :

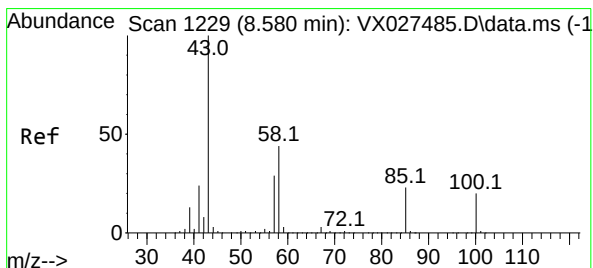
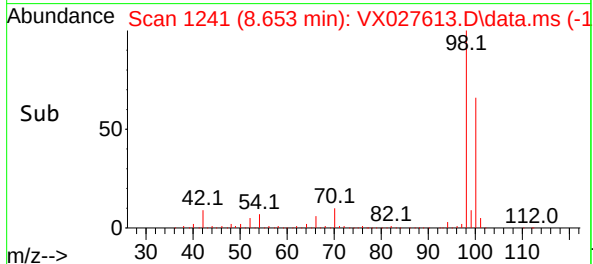
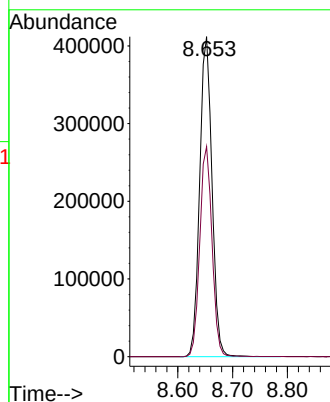
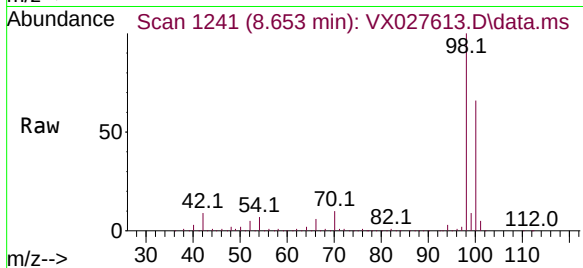
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 643247

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.452 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX027613.D

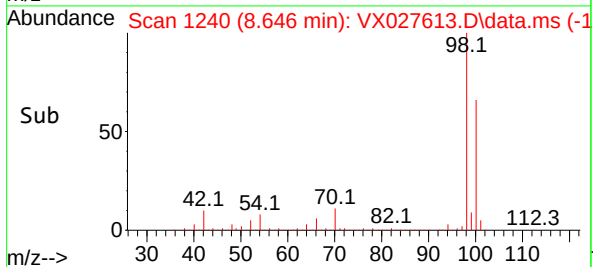
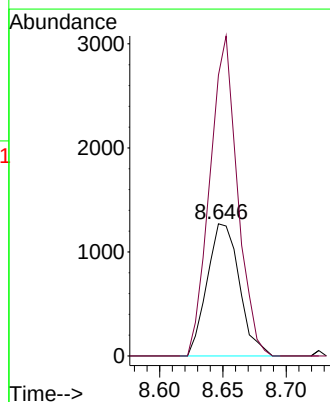
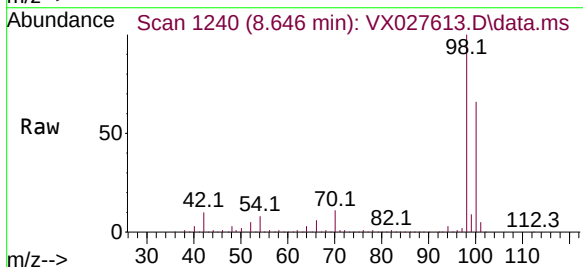
Acq: 22 Mar 2022 14:42

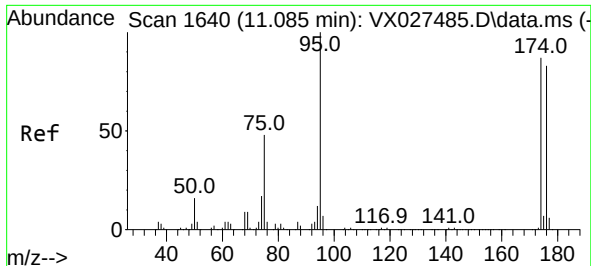
Tgt Ion: 43 Resp: 2254

Ion Ratio Lower Upper

43 100

58 207.4 36.1 54.1#

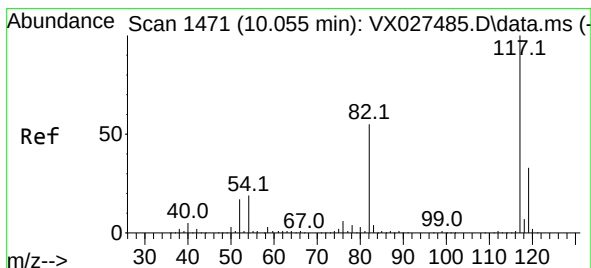
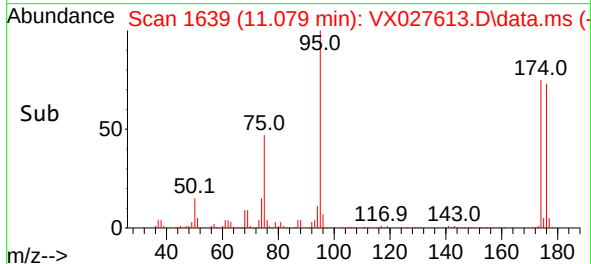
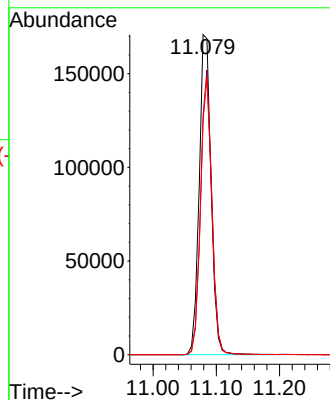
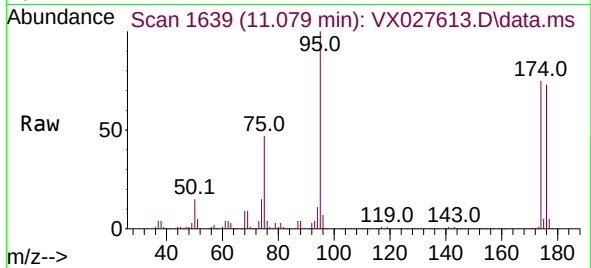




#62
4-Bromofluorobenzene
Concen: 45.005 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX027613.D
Acq: 22 Mar 2022 14:42

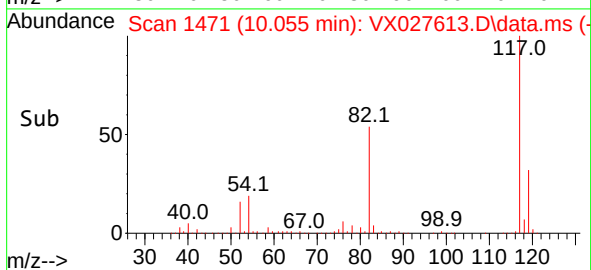
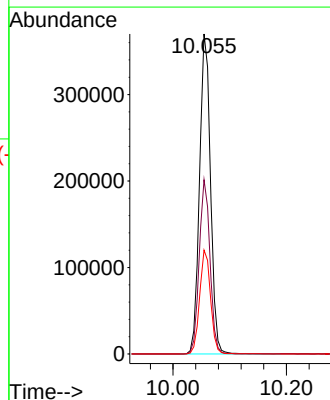
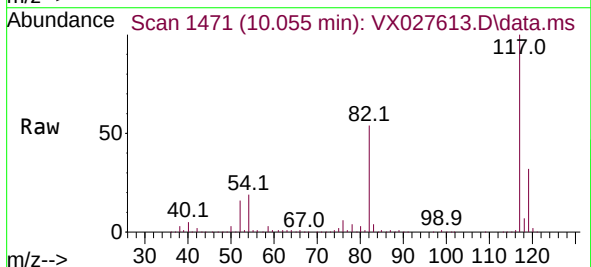
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

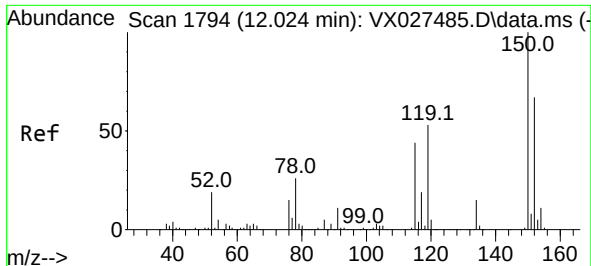
Tgt Ion: 95 Resp: 223225
Ion Ratio Lower Upper
95 100
174 84.6 0.0 163.0
176 82.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027613.D
Acq: 22 Mar 2022 14:42

Tgt Ion: 117 Resp: 495855
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.8
119 32.5 24.8 37.2

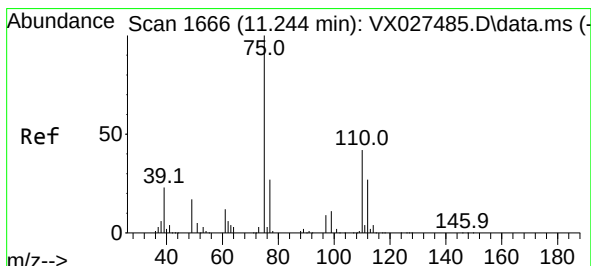
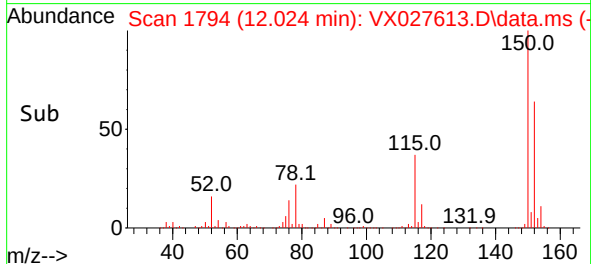
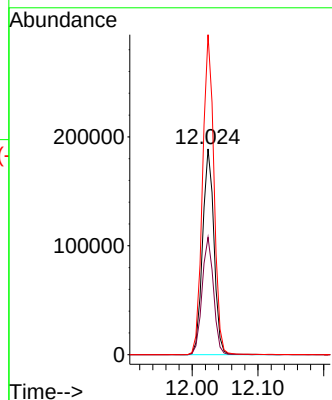
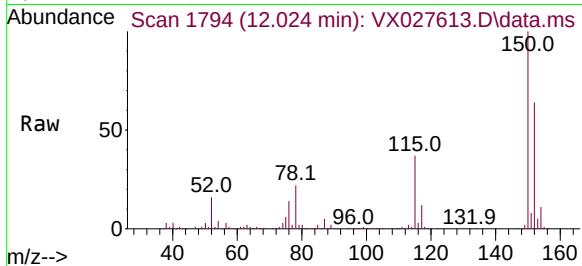




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027613.D
Acq: 22 Mar 2022 14:42

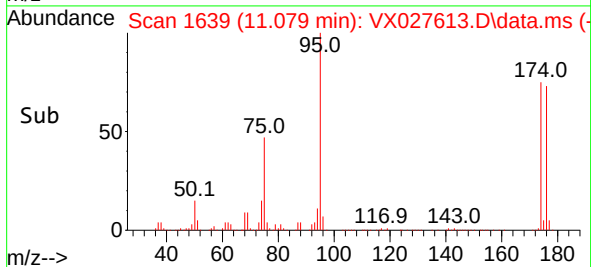
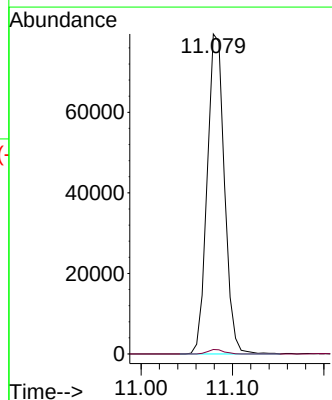
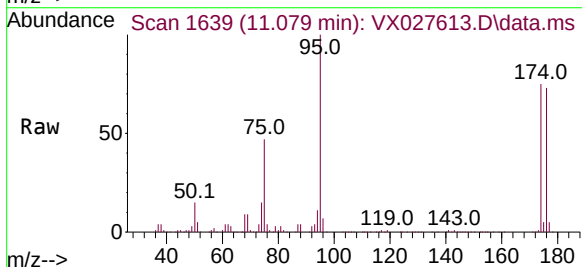
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

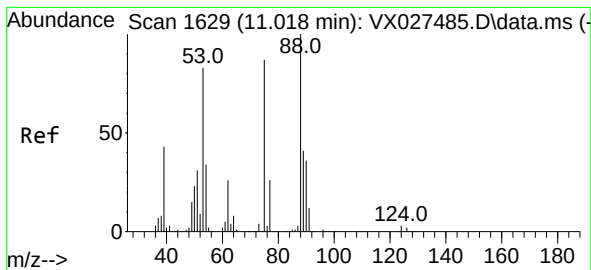
Tgt Ion:152 Resp: 226993
Ion Ratio Lower Upper
152 100
115 57.3 37.5 112.7
150 155.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 21.901 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027613.D
Acq: 22 Mar 2022 14:42

Tgt Ion: 75 Resp: 103984
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.514 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027613.D
 Acq: 22 Mar 2022 14:42

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

Tgt Ion: 75 Resp: 103984
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

