

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011122\
 Data File : VX026426.D
 Acq On : 11 Jan 2022 17:45
 Operator : JC/MD
 Sample : N1083-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 12 06:47:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

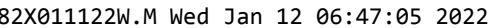
Internal Standards						
1) Pentafluorobenzene	5.556	168	161662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	271231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94496	50.000	ug/l	0.00

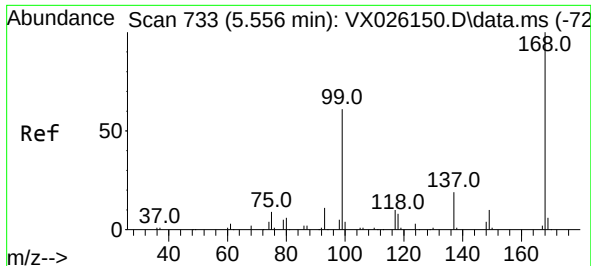
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109395	48.441	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.880%
35) Dibromofluoromethane	5.391	113	85032	48.547	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.100%
50) Toluene-d8	8.653	98	310640	49.216	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.440%
62) 4-Bromofluorobenzene	11.079	95	111046	49.526	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.060%

Target Compounds					Qvalue	
5) Bromomethane	1.624	94	319	0.376	ug/l	85
10) Methyl Iodide	2.459	142	718	4.789	ug/l #	89
16) Acetone	2.392	43	949	0.824	ug/l	100
20) Methylene Chloride	2.794	84	424	0.223	ug/l #	94
31) Cyclohexane	5.550	56	3354	1.007	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13251	4.792	ug/l #	51
38) Carbon Tetrachloride	5.556	117	17466	6.141	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1454	0.543	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57019	27.405	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	57019	82.822	ug/l #	3

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

Quant Time: Jan 12 06:47:01 2022
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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

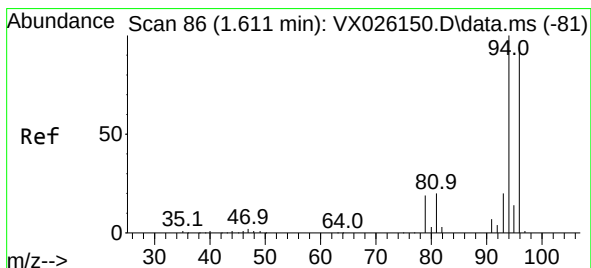
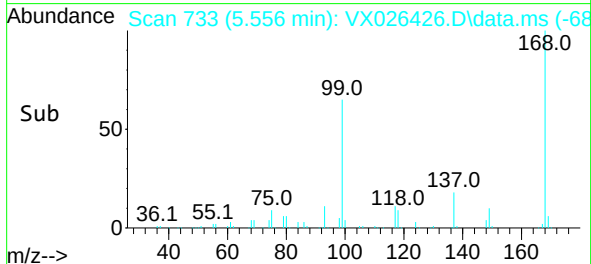
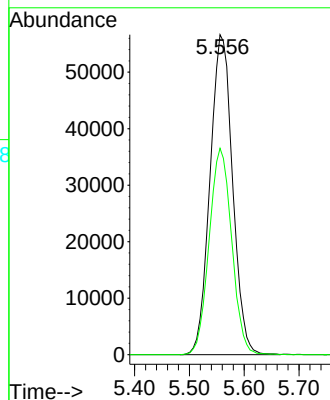
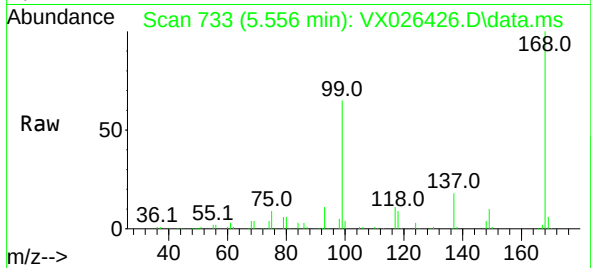




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026426.D
Acq: 11 Jan 2022 17:45

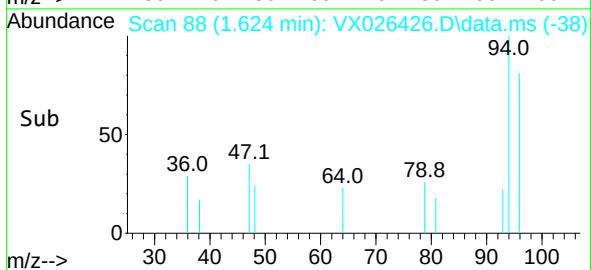
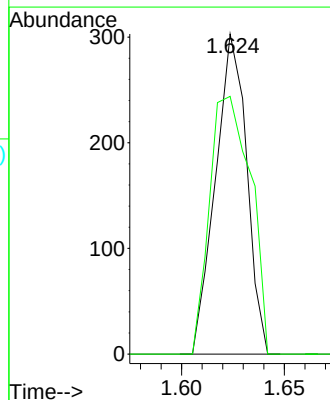
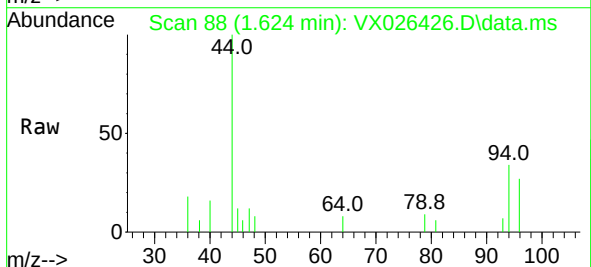
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

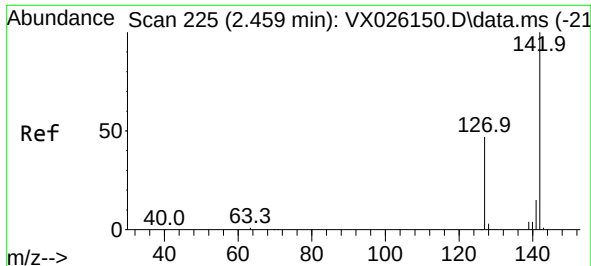
Tgt Ion:168 Resp: 161662
Ion Ratio Lower Upper
168 100
99 64.5 50.3 75.5



#5
Bromomethane
Concen: 0.376 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026426.D
Acq: 11 Jan 2022 17:45

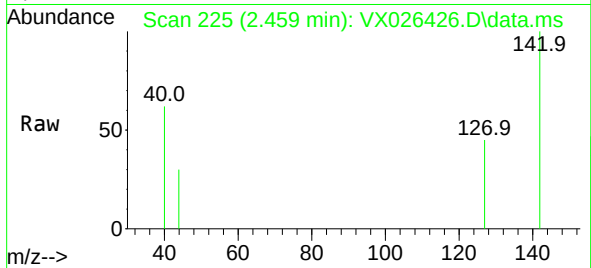
Tgt Ion: 94 Resp: 319
Ion Ratio Lower Upper
94 100
96 80.5 75.9 113.9



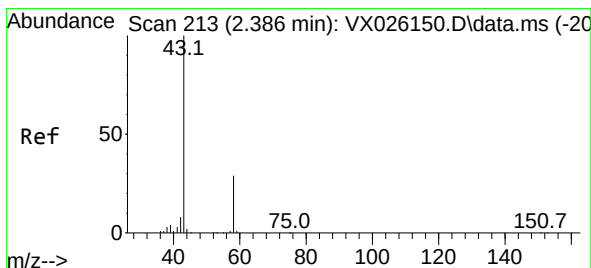
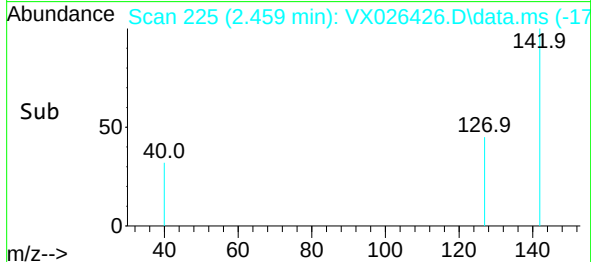
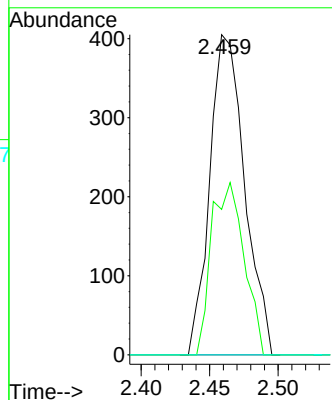


#10
Methyl Iodide
Concen: 4.789 ug/l
RT: 2.459 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX026426.D
Acq: 11 Jan 2022 17:45

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

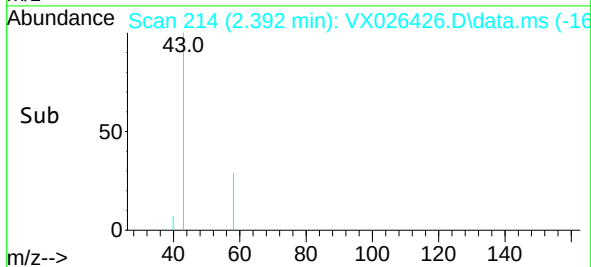
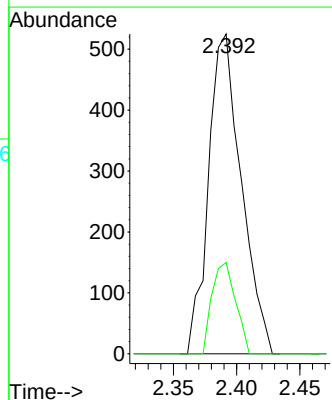
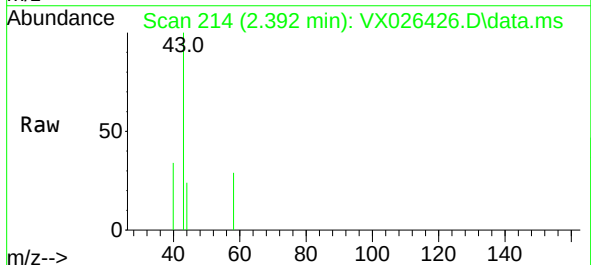


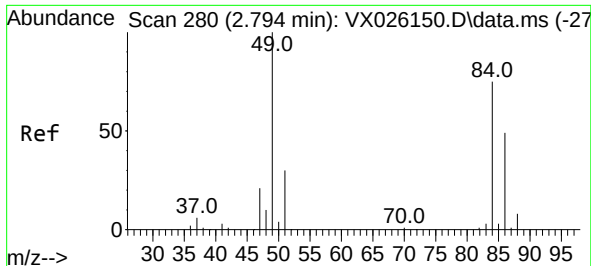
Tgt Ion:142 Resp: 718
Ion Ratio Lower Upper
142 100
127 50.4 38.1 57.1
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.824 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX026426.D
Acq: 11 Jan 2022 17:45

Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
58 28.6 23.0 34.6





#20

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.794 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX026426.D

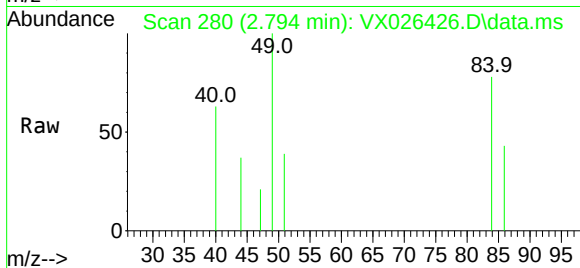
Acq: 11 Jan 2022 17:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion: 84 Resp: 424

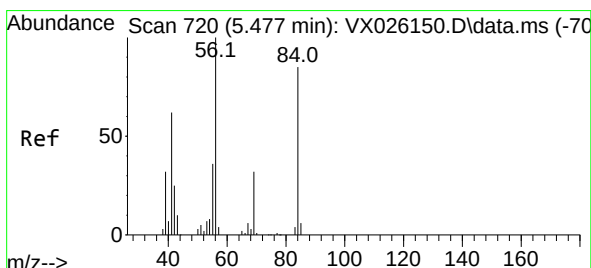
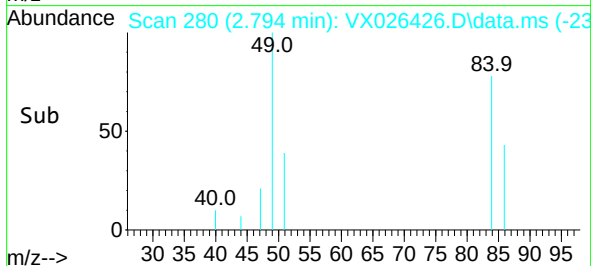
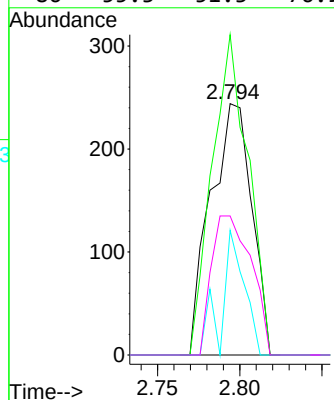
Ion Ratio Lower Upper

84 100

49 127.5 101.5 152.3

51 49.6 31.2 46.8#

86 55.3 51.3 76.9



#31

Cyclohexane

Concen: 1.007 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX026426.D

Acq: 11 Jan 2022 17:45

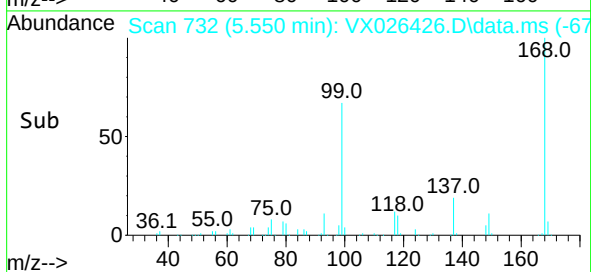
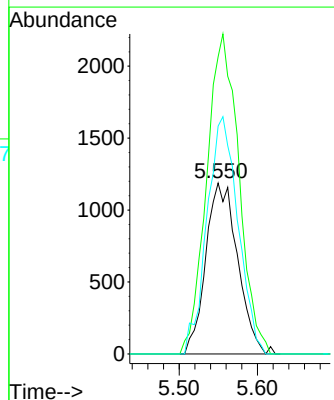
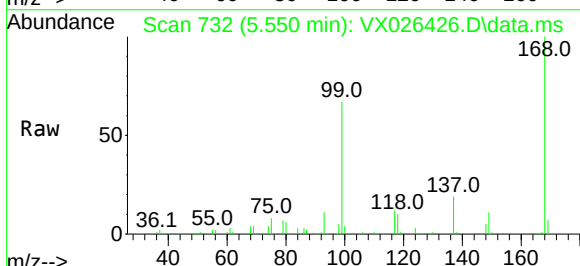
Tgt Ion: 56 Resp: 3354

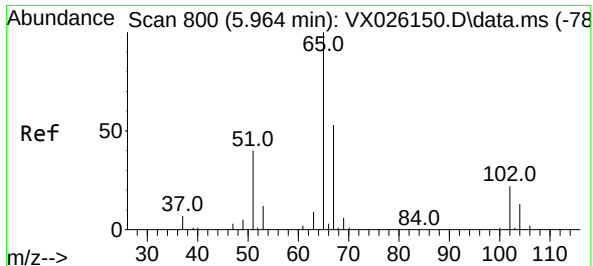
Ion Ratio Lower Upper

56 100

69 174.0 25.8 38.6#

84 133.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 48.441 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.000 min

Lab File: VX026426.D

Acq: 11 Jan 2022 17:45

Instrument :

MSVOA_X

ClientSampleId :

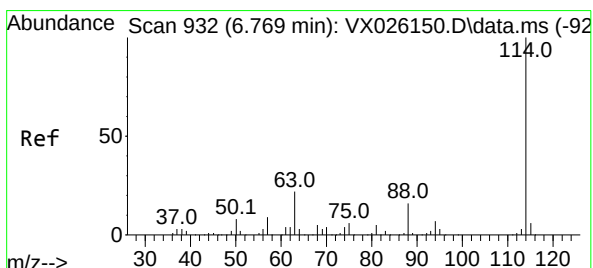
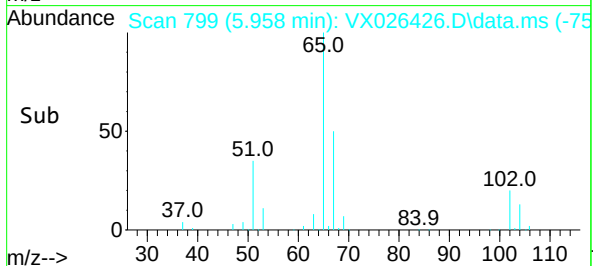
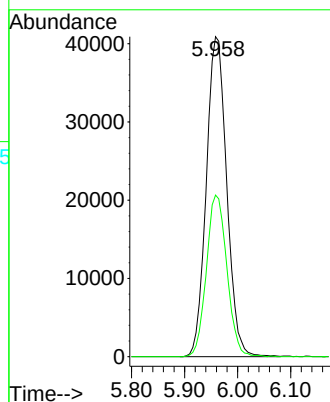
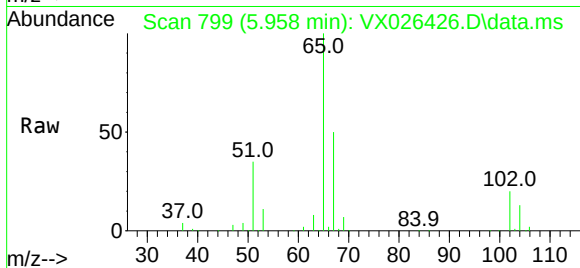
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 109395

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX026426.D

Acq: 11 Jan 2022 17:45

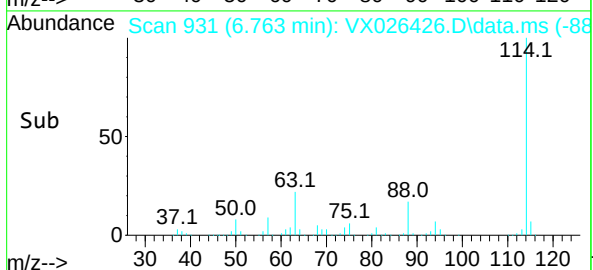
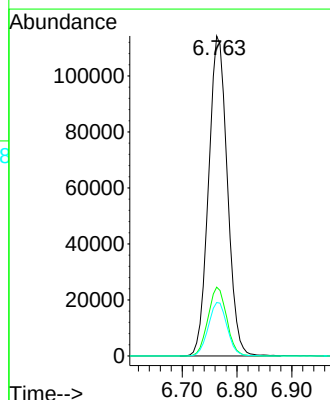
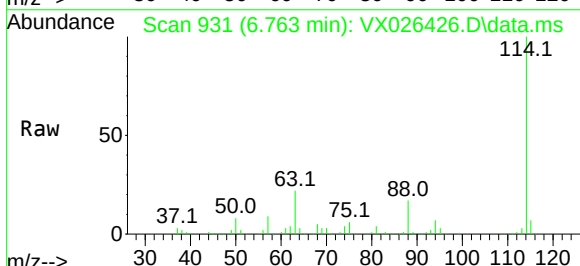
Tgt Ion: 114 Resp: 271231

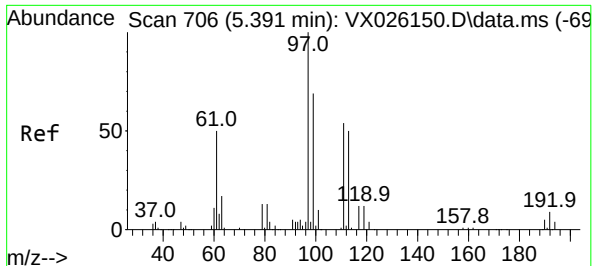
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.8

88 16.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.547 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026426.D

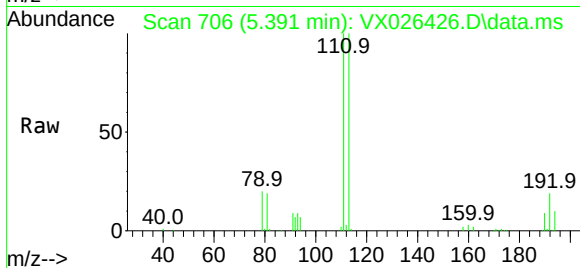
Acq: 11 Jan 2022 17:45

Instrument :

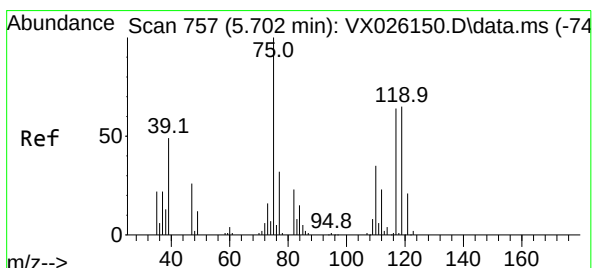
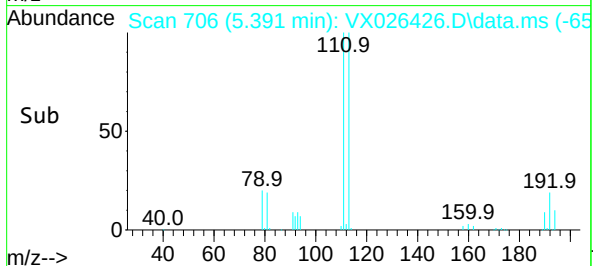
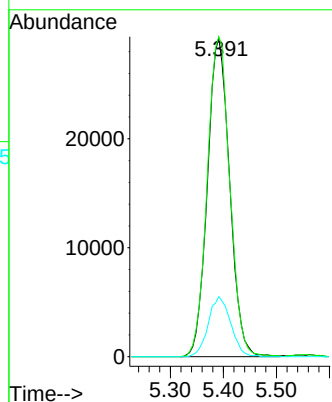
MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:	113	Resp:	85032
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	19.0	15.0	22.4



#36

1,1-Dichloropropene

Concen: 4.792 ug/l

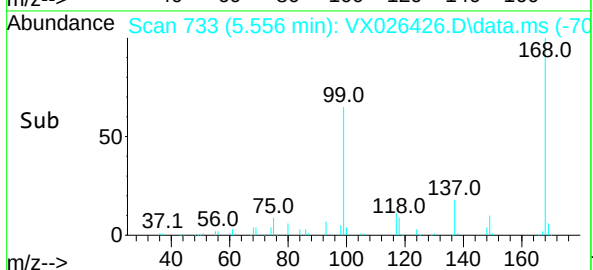
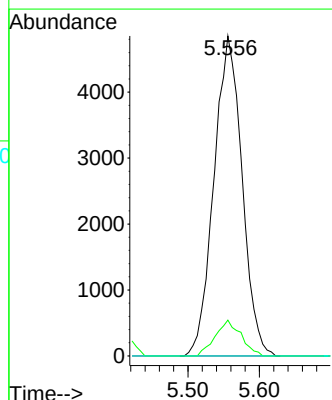
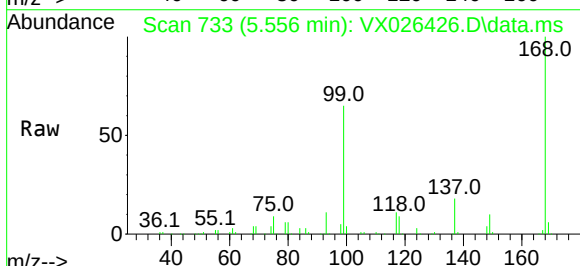
RT: 5.556 min Scan# 733

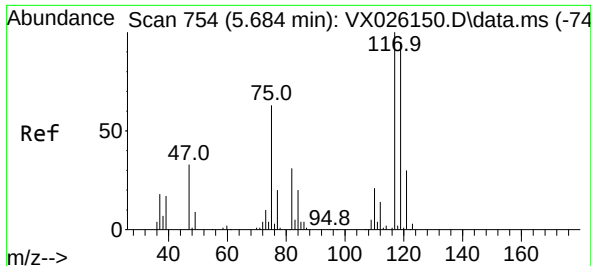
Delta R.T. -0.140 min

Lab File: VX026426.D

Acq: 11 Jan 2022 17:45

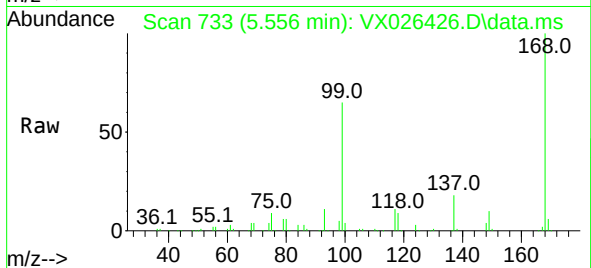
Tgt Ion:	75	Resp:	13251
Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.2	51.6#
77	0.0	24.6	36.8#



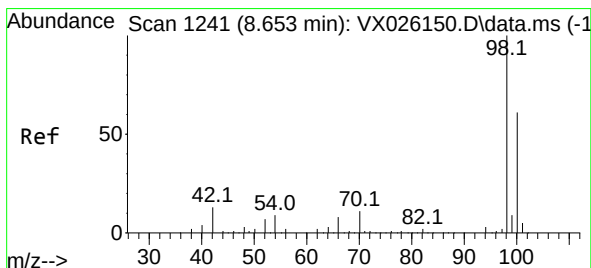
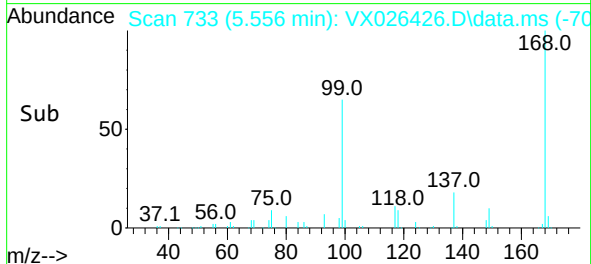
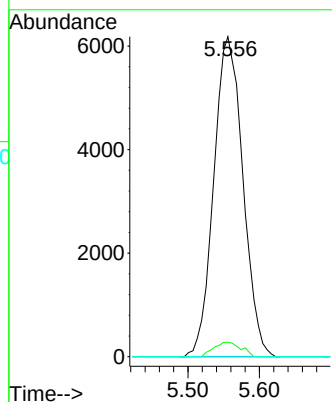


#38
Carbon Tetrachloride
Concen: 6.141 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026426.D
Acq: 11 Jan 2022 17:45

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

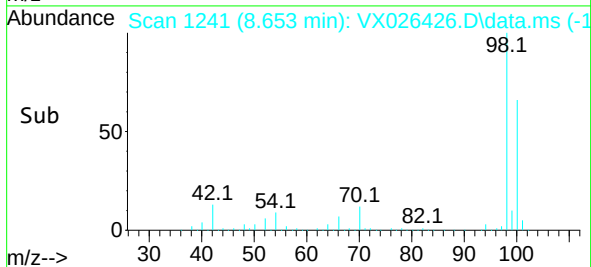
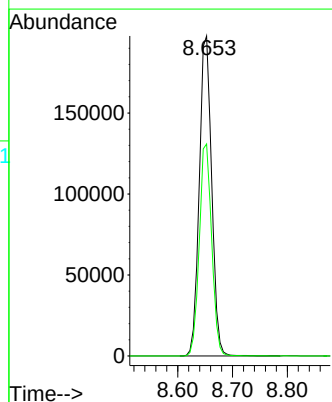
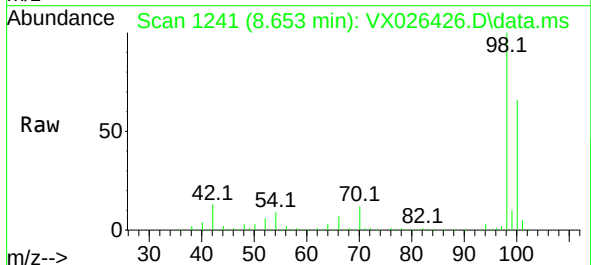


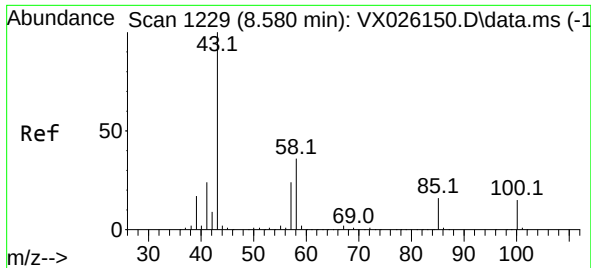
Tgt Ion:117 Resp: 17466
Ion Ratio Lower Upper
117 100
119 4.6 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.216 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026426.D
Acq: 11 Jan 2022 17:45

Tgt Ion: 98 Resp: 310640
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8

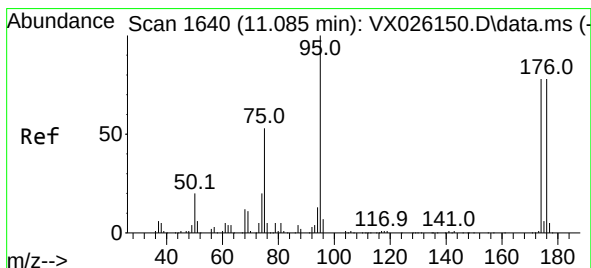
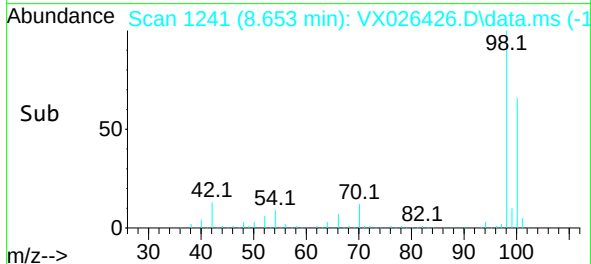
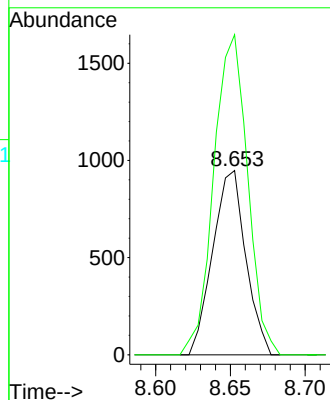
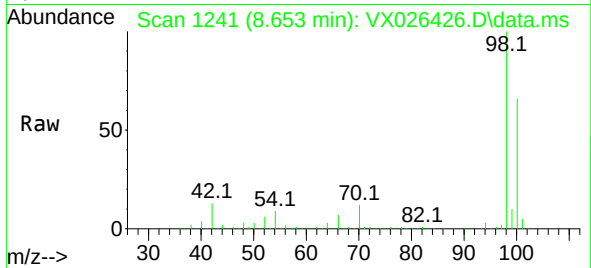




#51
4-Methyl-2-Pentanone
Concen: 0.543 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX026426.D
Acq: 11 Jan 2022 17:45

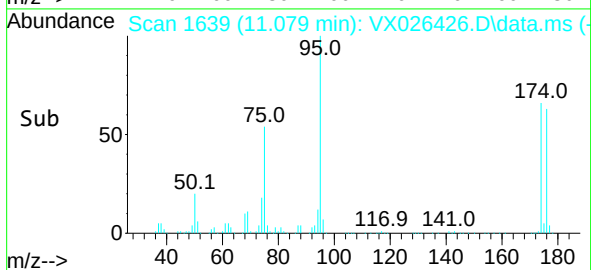
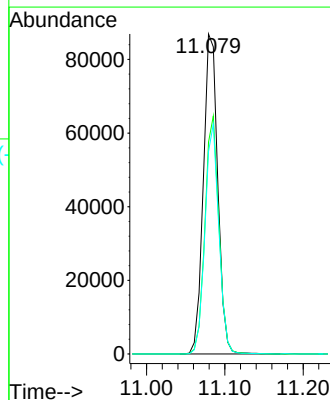
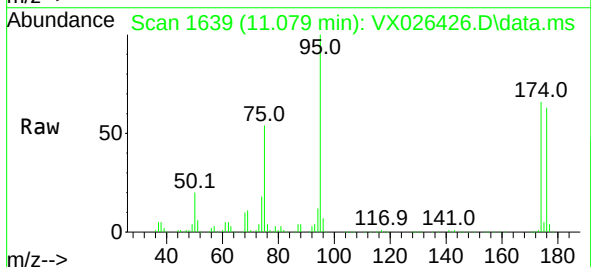
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

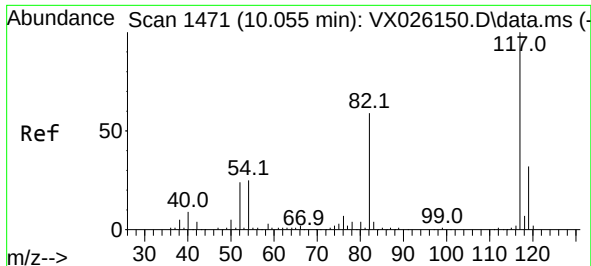
Tgt Ion: 43 Resp: 1454
Ion Ratio Lower Upper
43 100
58 178.1 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 49.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026426.D
Acq: 11 Jan 2022 17:45

Tgt Ion: 95 Resp: 111046
Ion Ratio Lower Upper
95 100
174 71.8 0.0 148.6
176 69.1 0.0 141.4

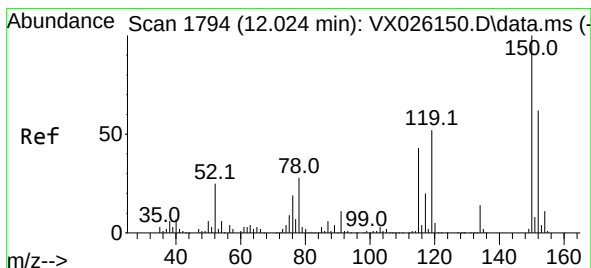
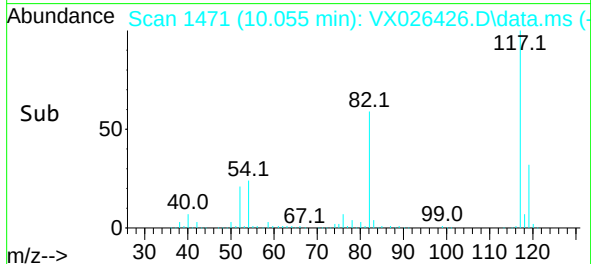
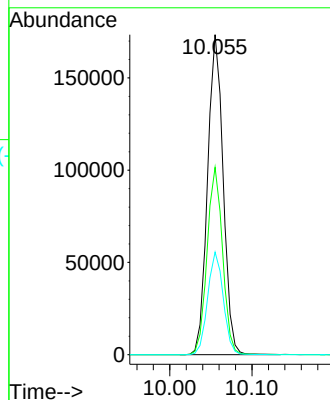
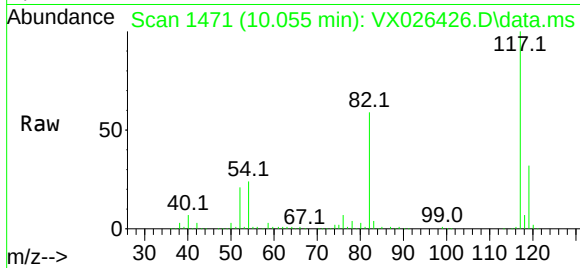




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026426.D
Acq: 11 Jan 2022 17:45

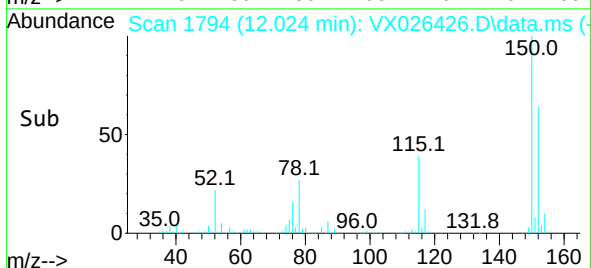
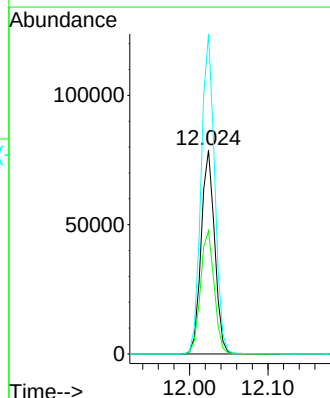
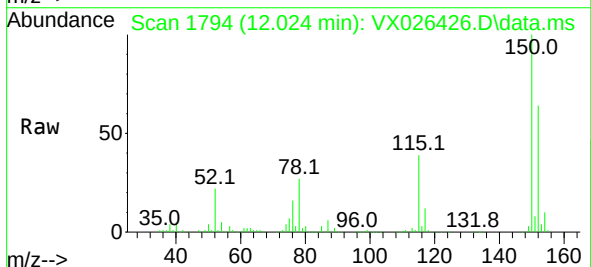
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

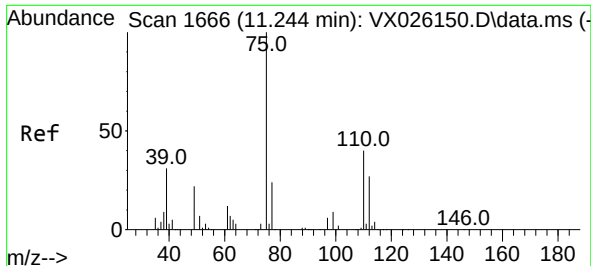
Tgt Ion:117 Resp: 228591
Ion Ratio Lower Upper
117 100
82 58.5 45.2 67.8
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026426.D
Acq: 11 Jan 2022 17:45

Tgt Ion:152 Resp: 94496
Ion Ratio Lower Upper
152 100
115 61.5 44.2 132.6
150 157.7 0.0 348.2

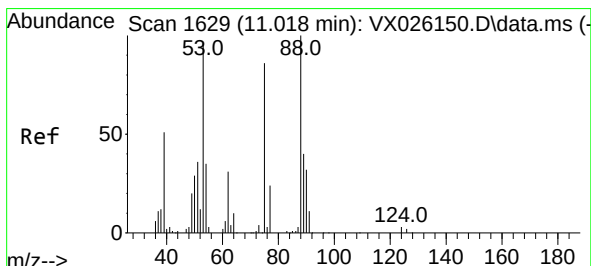
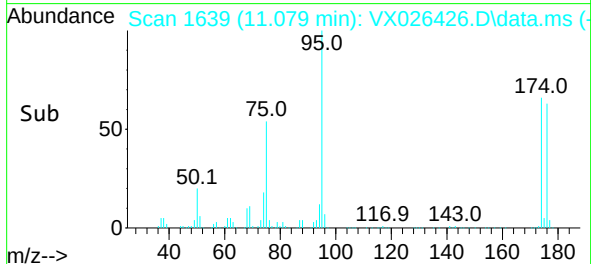
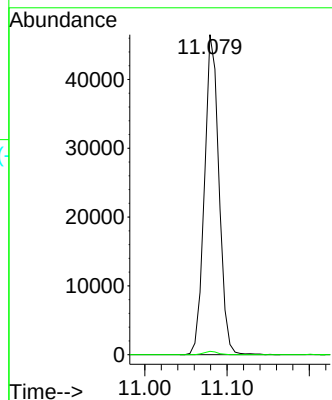
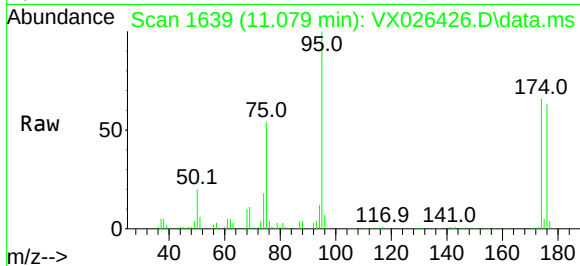




#76
1,2,3-Trichloropropane
Concen: 27.405 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026426.D
Acq: 11 Jan 2022 17:45

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

Tgt Ion: 75 Resp: 57019
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.822 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026426.D
Acq: 11 Jan 2022 17:45

Tgt Ion: 75 Resp: 57019
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

