

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043606.D
 Acq On : 29 Oct 2024 18:43
 Operator : JC/MD
 Sample : P4562-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Oct 30 01:37:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

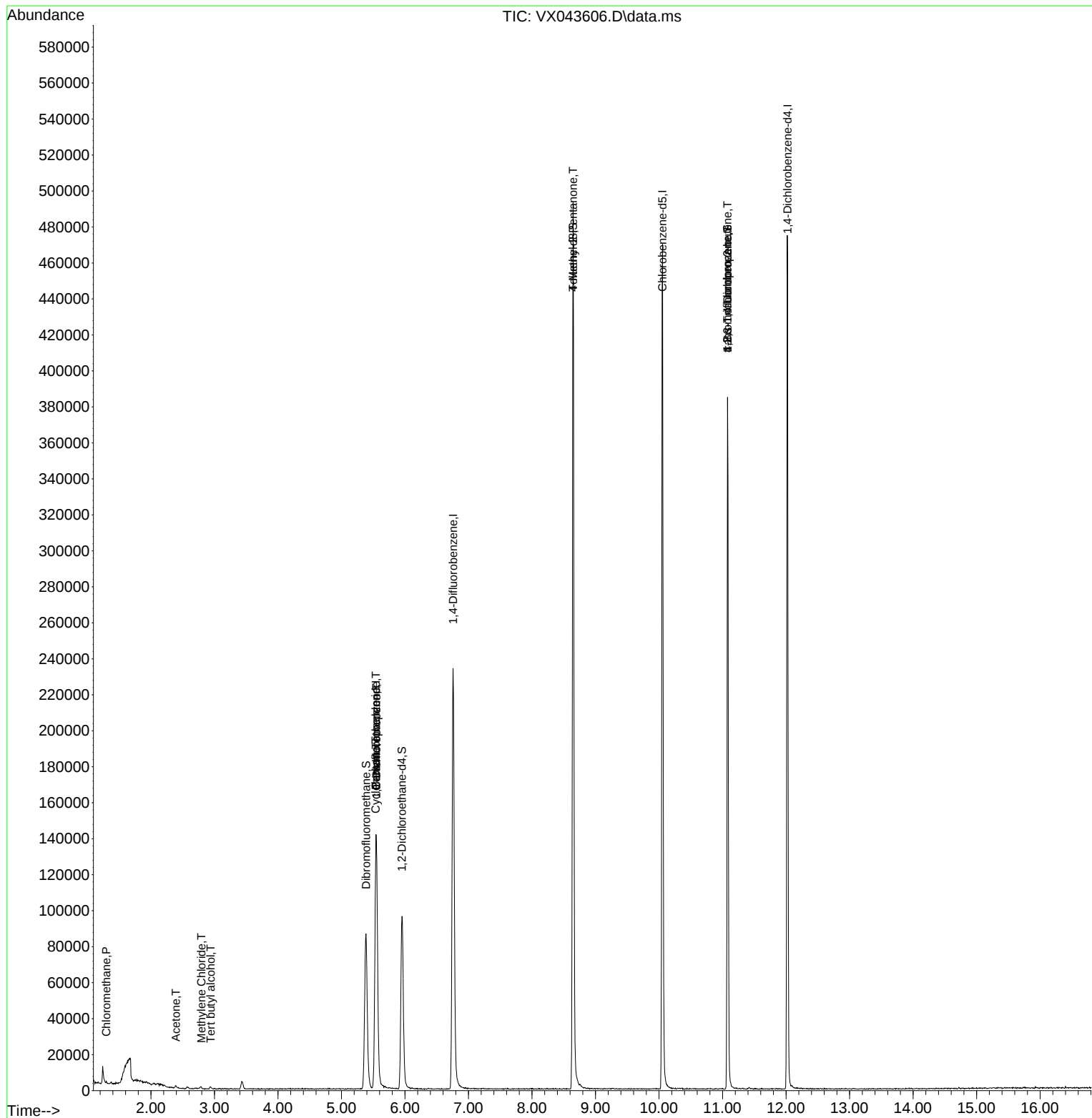
Internal Standards						
1) Pentafluorobenzene	5.544	168	140019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	258866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95750	42.887	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.780%
35) Dibromofluoromethane	5.385	113	77075	43.908	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.820%
50) Toluene-d8	8.647	98	305216	50.230	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.460%
62) 4-Bromofluorobenzene	11.079	95	109395	48.585	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	685	0.358	ug/l #	73
11) Tert butyl alcohol	2.941	59	370	0.888	ug/l #	100
16) Acetone	2.392	43	1288	1.453	ug/l	92
20) Methylene Chloride	2.794	84	644	0.337	ug/l #	72
31) Cyclohexane	5.538	56	2858	1.212	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	10251	4.925	ug/l #	51
38) Carbon Tetrachloride	5.544	117	14778	6.426	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1187	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54204	24.094	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	54204	66.284	ug/l #	7

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

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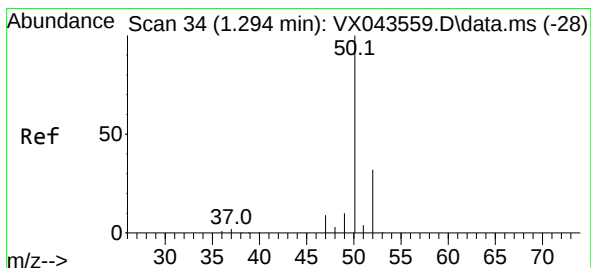
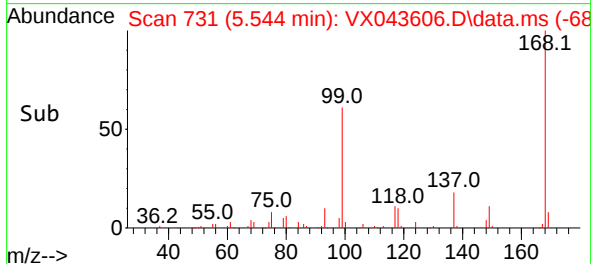
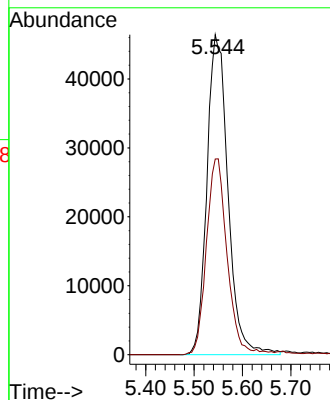
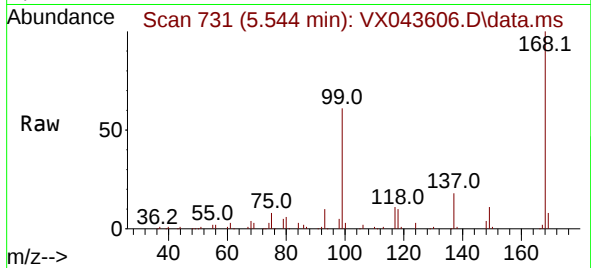




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043606.D
Acq: 29 Oct 2024 18:43

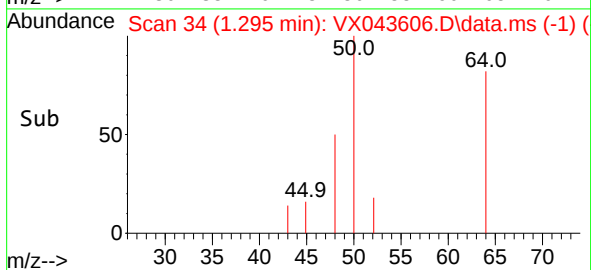
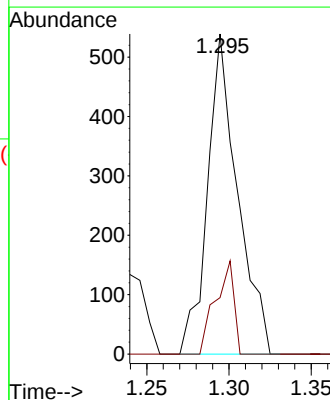
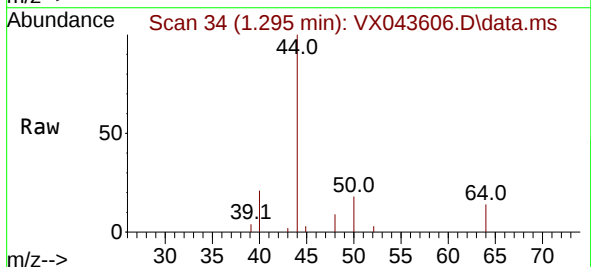
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

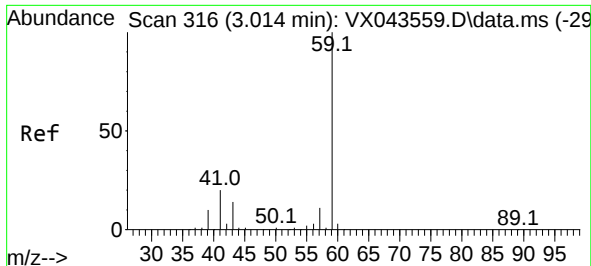
Tgt Ion:168 Resp: 140019
Ion Ratio Lower Upper
168 100
99 61.2 52.6 78.8



#3
Chloromethane
Concen: 0.358 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043606.D
Acq: 29 Oct 2024 18:43

Tgt Ion: 50 Resp: 685
Ion Ratio Lower Upper
50 100
52 17.6 26.3 39.5#





#11

Tert butyl alcohol

Concen: 0.888 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.109 min

Lab File: VX043606.D

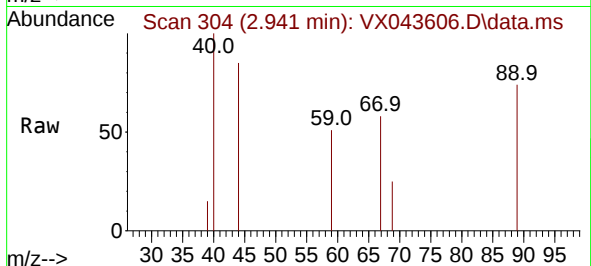
Acq: 29 Oct 2024 18:43

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

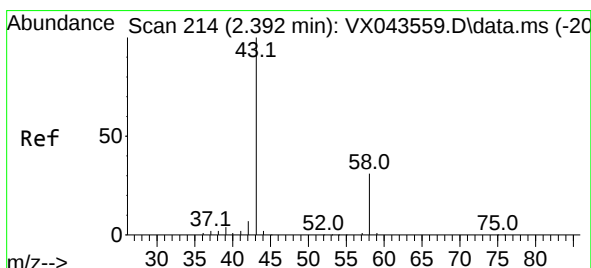
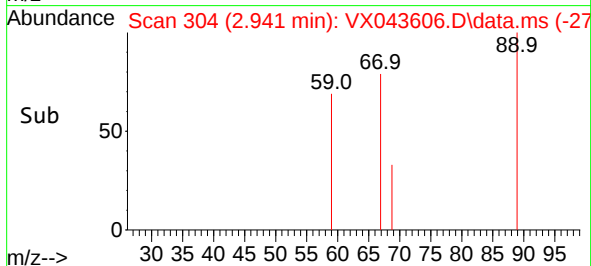
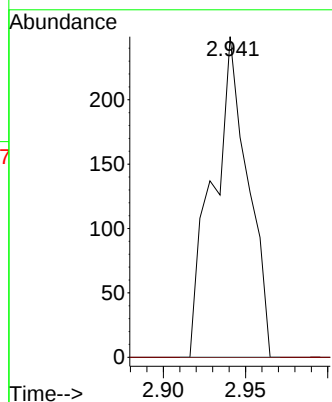


Tgt Ion: 59 Resp: 370

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#16

Acetone

Concen: 1.453 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX043606.D

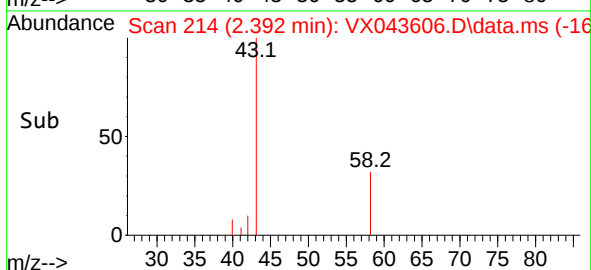
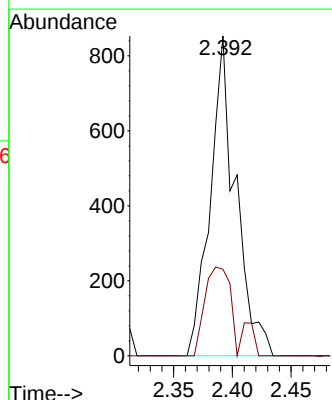
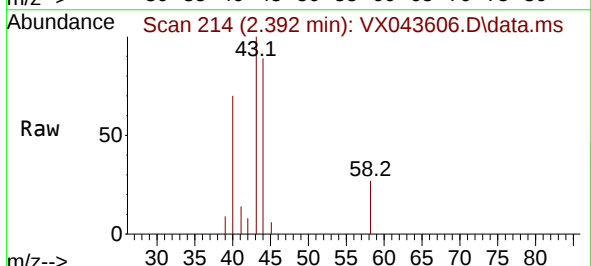
Acq: 29 Oct 2024 18:43

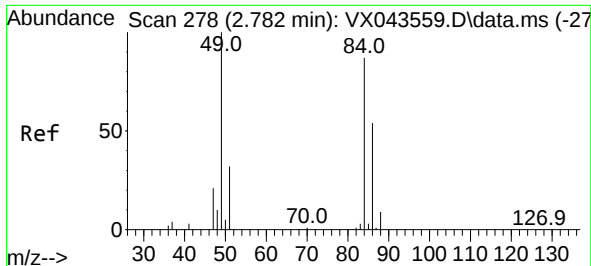
Tgt Ion: 43 Resp: 1288

Ion Ratio Lower Upper

43 100

58 27.1 25.1 37.7

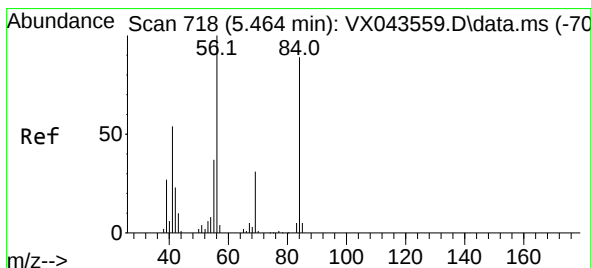
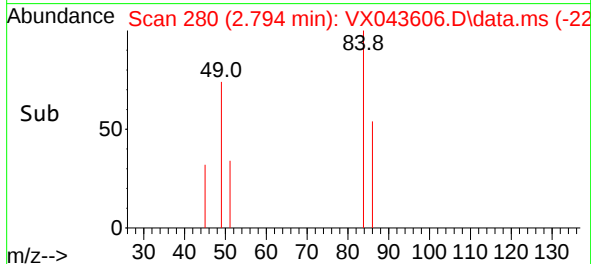
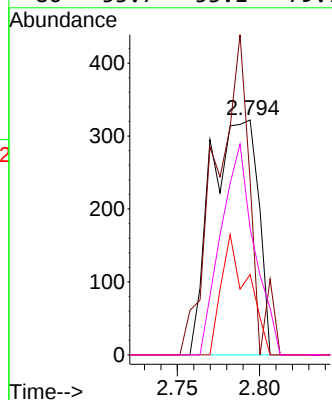
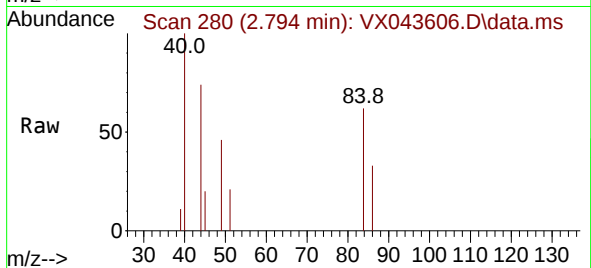




#20
Methylene Chloride
Concen: 0.337 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX043606.D
Acq: 29 Oct 2024 18:43

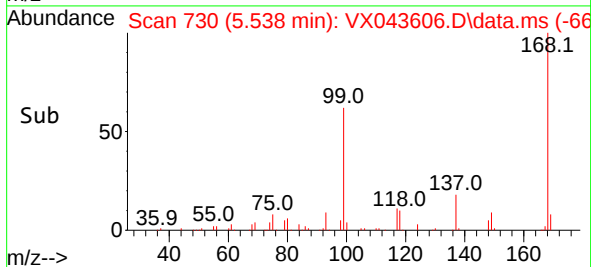
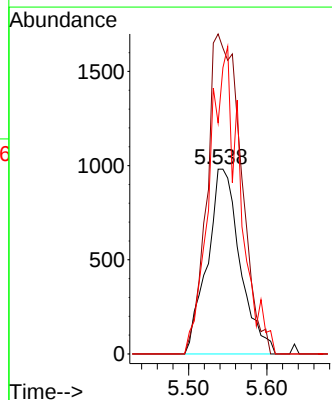
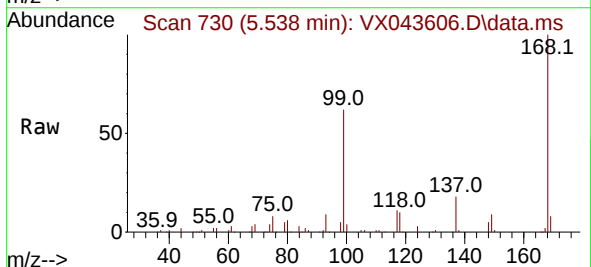
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

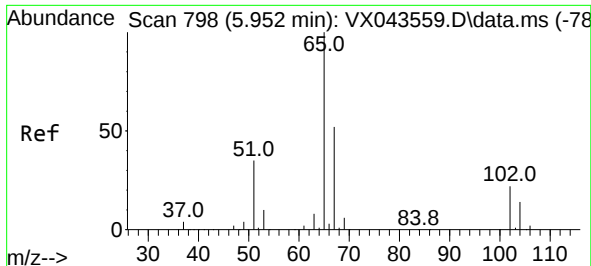
Tgt Ion:	84	Resp:	644
Ion	Ratio	Lower	Upper
84	100		
49	74.2	97.0	145.6#
51	34.2	29.8	44.8
86	53.7	53.1	79.7



#31
Cyclohexane
Concen: 1.212 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX043606.D
Acq: 29 Oct 2024 18:43

Tgt Ion:	56	Resp:	2858
Ion	Ratio	Lower	Upper
56	100		
69	173.2	24.9	37.3#
84	125.1	73.3	109.9#





#33

1,2-Dichloroethane-d4

Concen: 42.887 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043606.D

Acq: 29 Oct 2024 18:43

Instrument :

MSVOA_X

ClientSampleId :

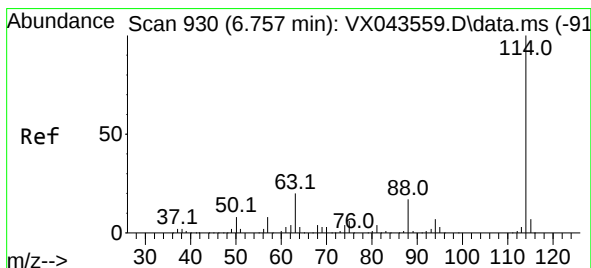
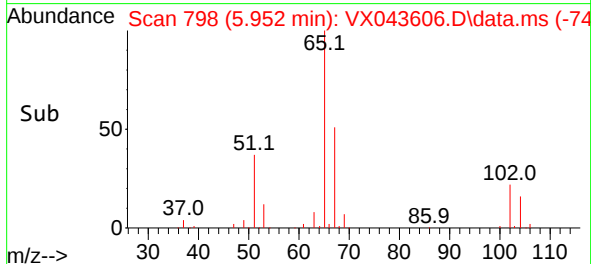
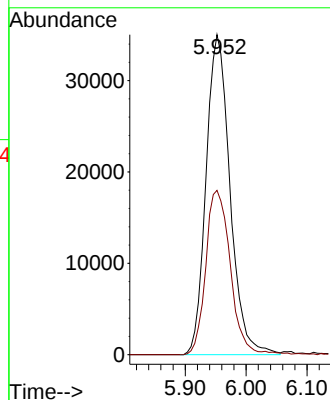
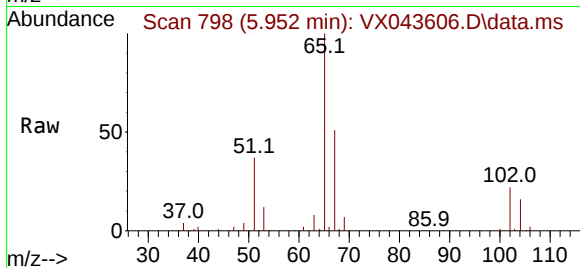
Storage-Blank-SOIL-REF-6

Tgt Ion: 65 Resp: 95750

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043606.D

Acq: 29 Oct 2024 18:43

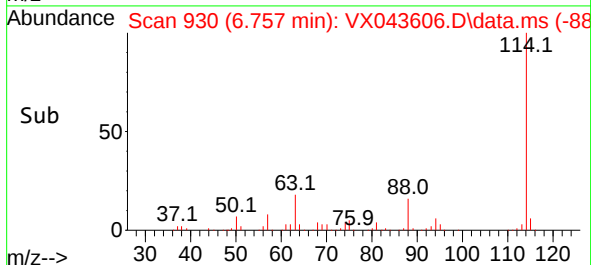
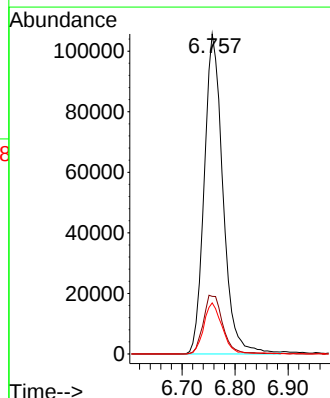
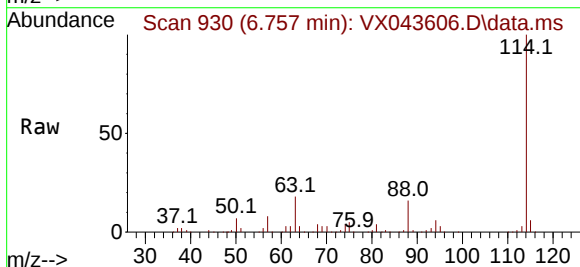
Tgt Ion: 114 Resp: 258866

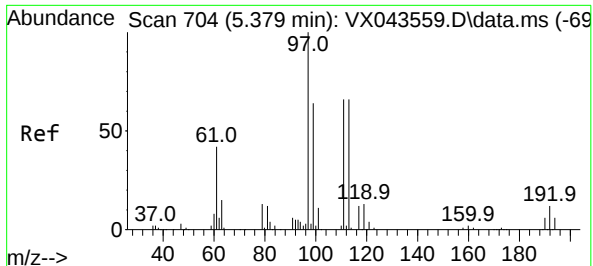
Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.2

88 15.9 0.0 34.0

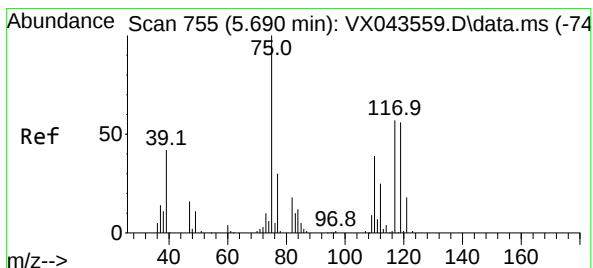
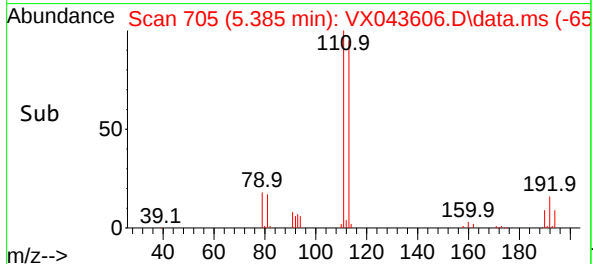
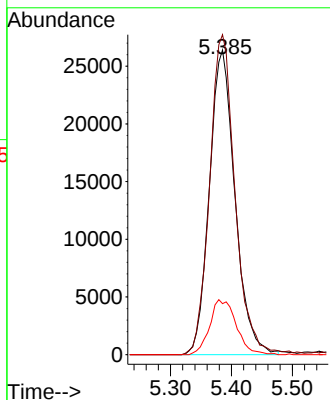
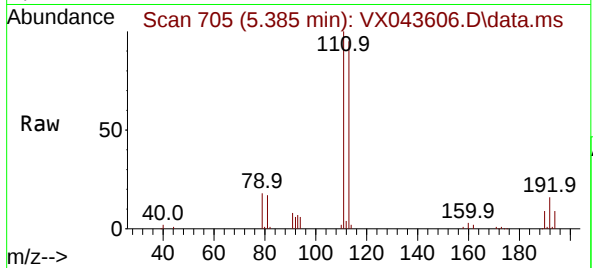




#35
Dibromofluoromethane
Concen: 43.908 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043606.D
Acq: 29 Oct 2024 18:43

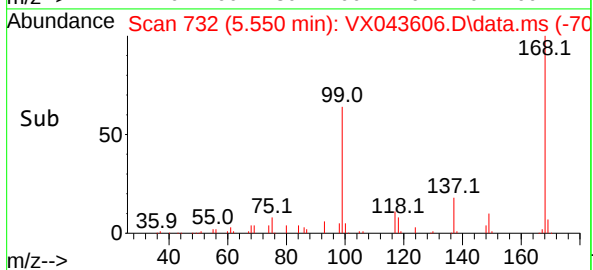
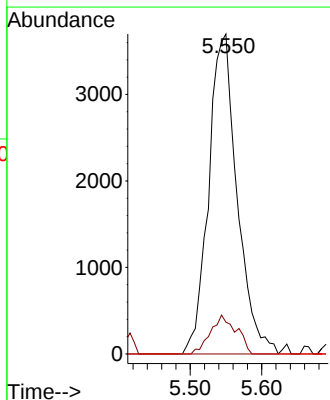
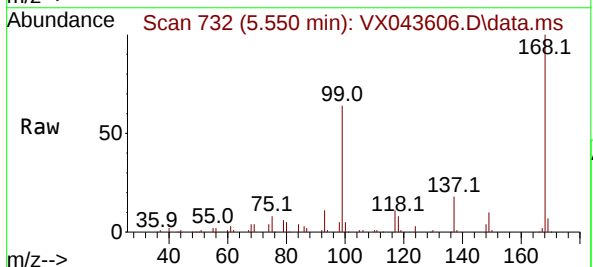
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

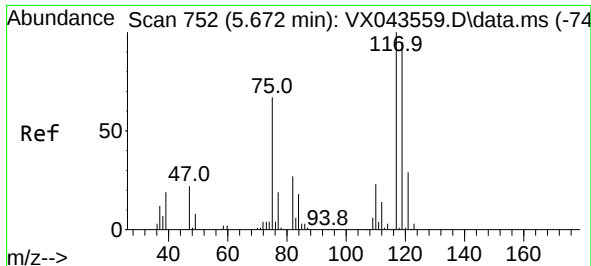
Tgt Ion:113 Resp: 77075
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 18.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 4.925 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043606.D
Acq: 29 Oct 2024 18:43

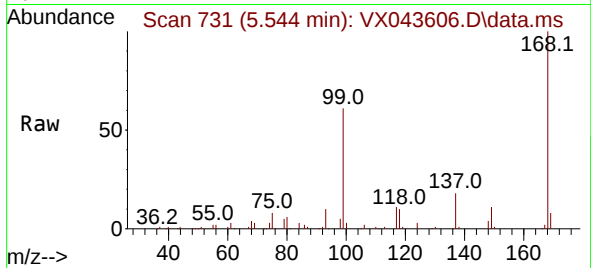
Tgt Ion: 75 Resp: 10251
Ion Ratio Lower Upper
75 100
110 11.0 17.9 53.7#
77 0.0 25.0 37.4#



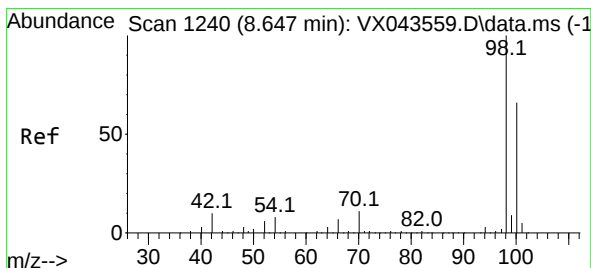
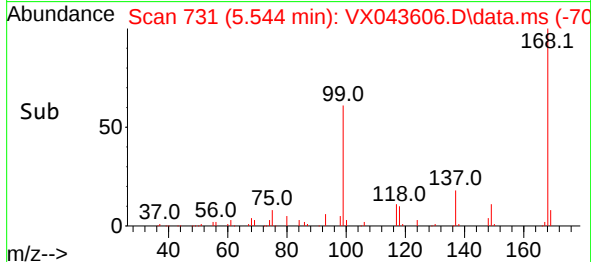
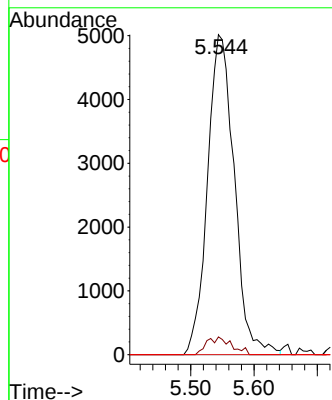


#38
Carbon Tetrachloride
Concen: 6.426 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043606.D
Acq: 29 Oct 2024 18:43

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

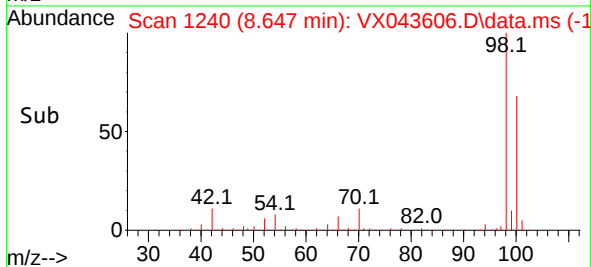
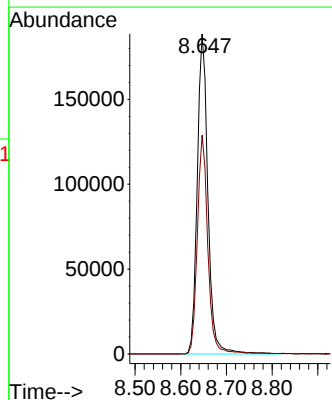
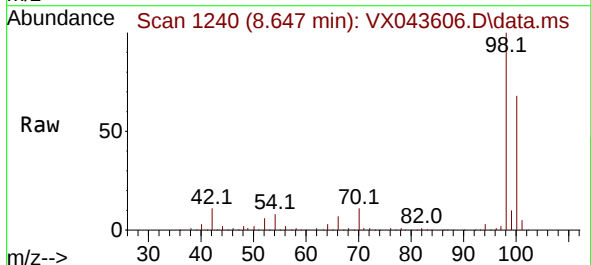


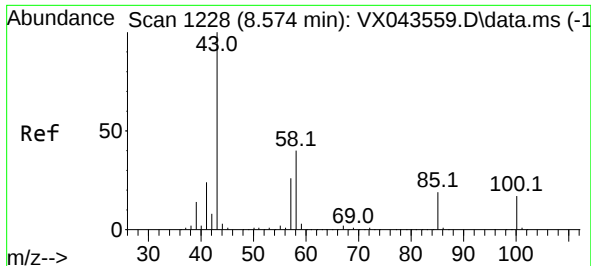
Tgt Ion:117 Resp: 14778
Ion Ratio Lower Upper
117 100
119 5.6 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.230 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043606.D
Acq: 29 Oct 2024 18:43

Tgt Ion: 98 Resp: 305216
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.2

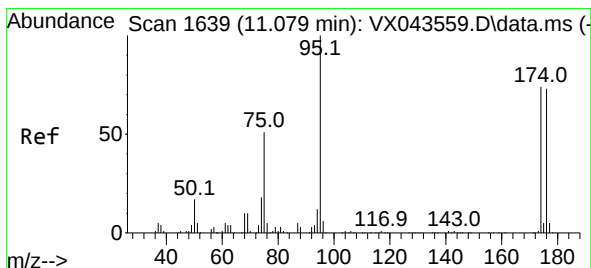
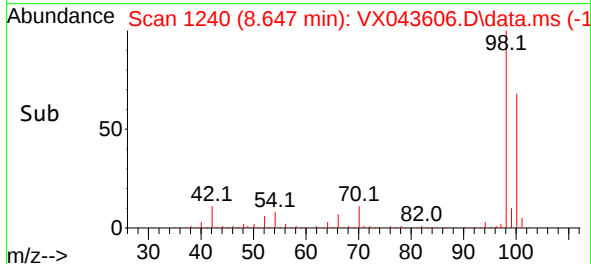
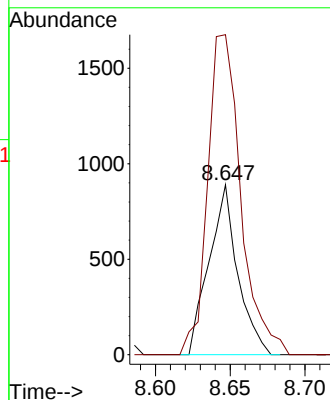
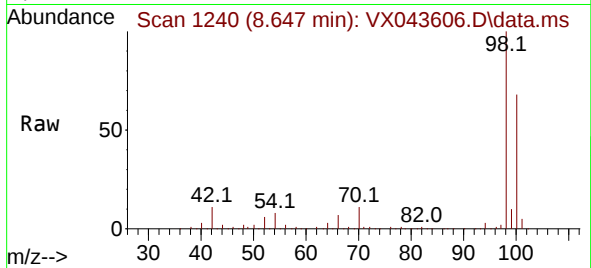




#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.647 min Scan# 1187
Delta R.T. 0.067 min
Lab File: VX043606.D
Acq: 29 Oct 2024 18:43

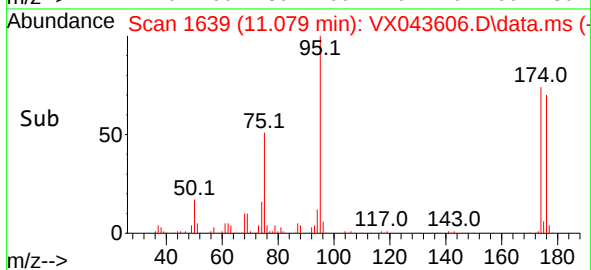
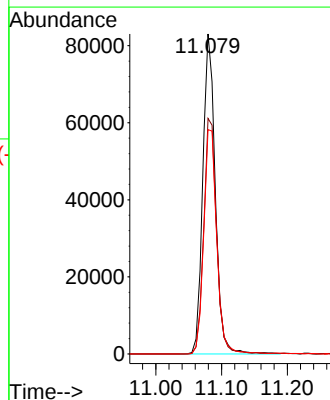
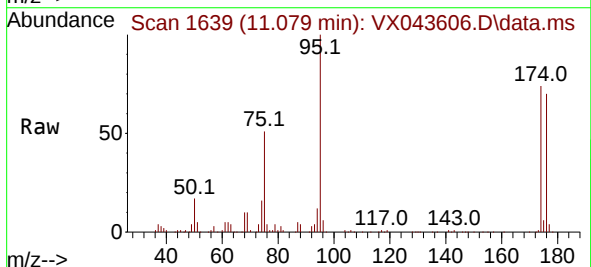
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

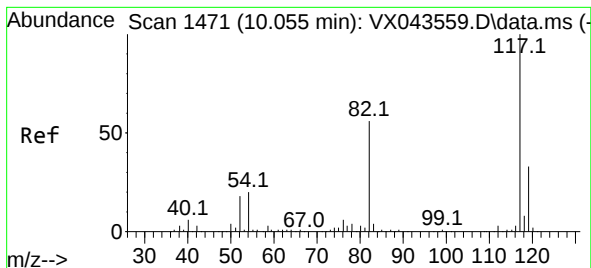
Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
58 218.2 31.7 47.5#



#62
4-Bromofluorobenzene
Concen: 48.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043606.D
Acq: 29 Oct 2024 18:43

Tgt Ion: 95 Resp: 109395
Ion Ratio Lower Upper
95 100
174 76.0 0.0 146.6
176 73.4 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043606.D

Acq: 29 Oct 2024 18:43

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

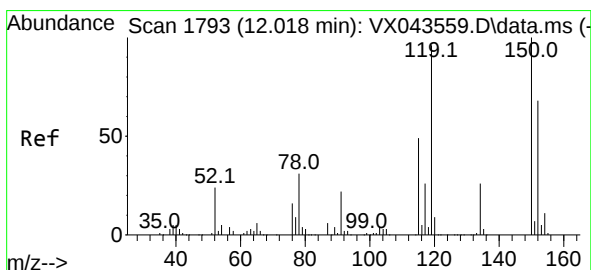
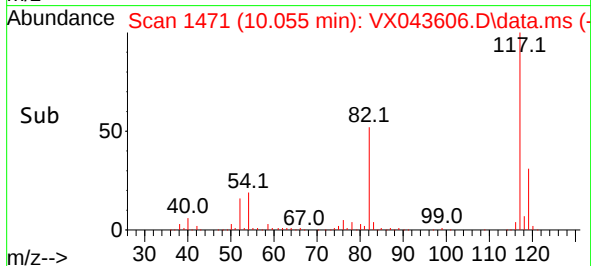
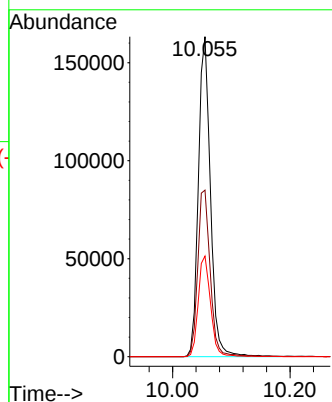
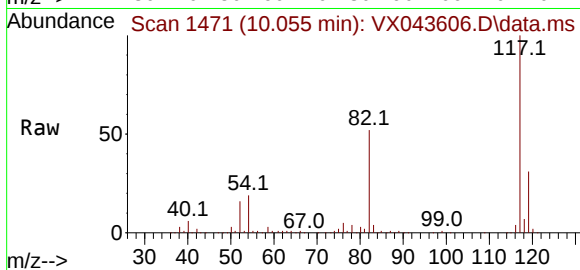
Tgt Ion:117 Resp: 232097

Ion Ratio Lower Upper

117 100

82 52.1 42.1 63.1

119 31.4 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043606.D

Acq: 29 Oct 2024 18:43

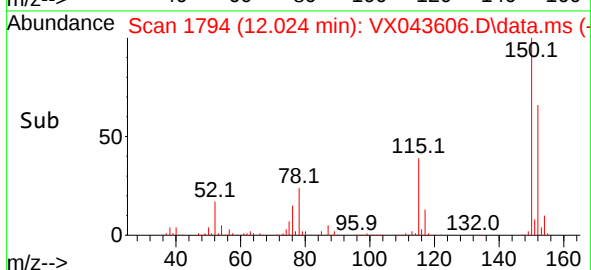
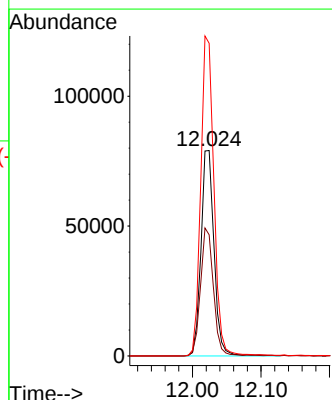
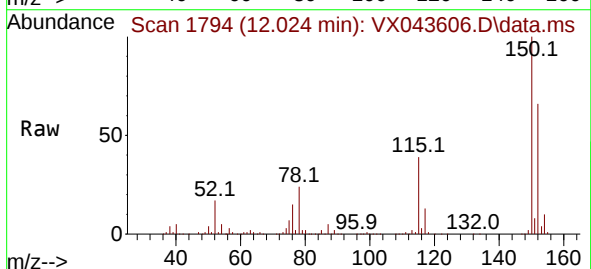
Tgt Ion:152 Resp: 105217

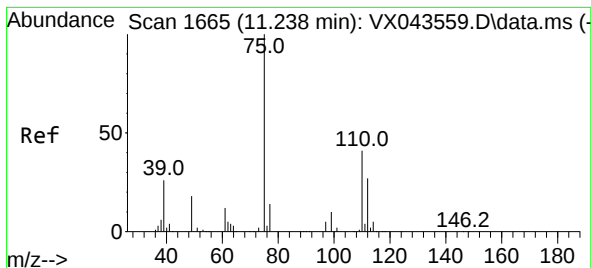
Ion Ratio Lower Upper

152 100

115 61.3 42.9 128.7

150 157.1 0.0 343.6





#76

1,2,3-Trichloropropane

Concen: 24.094 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043606.D

Acq: 29 Oct 2024 18:43

Instrument :

MSVOA_X

ClientSampleId :

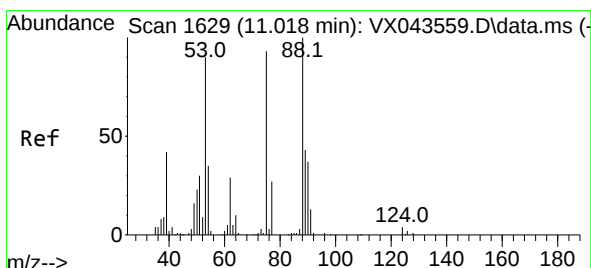
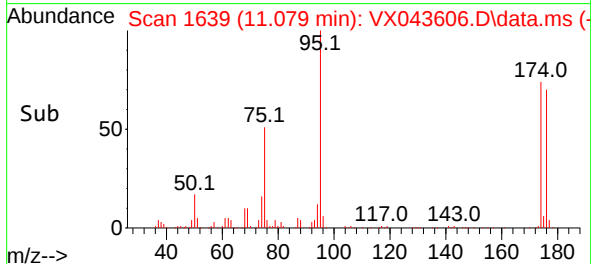
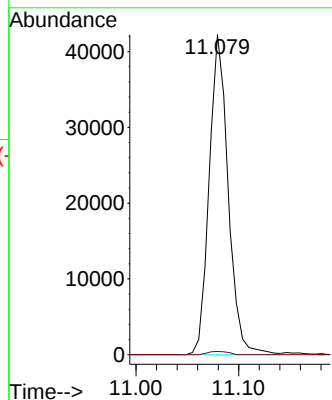
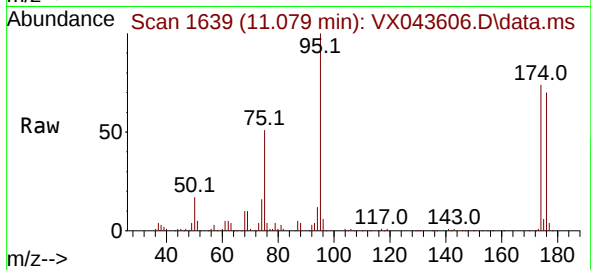
Storage-Blank-SOIL-REF-6

Tgt Ion: 75 Resp: 54204

Ion Ratio Lower Upper

75 100

77 1.1 22.4 67.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.284 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043606.D

Acq: 29 Oct 2024 18:43

Tgt Ion: 75 Resp: 54204

Ion Ratio Lower Upper

75 100

53 0.0 84.6 126.8#

89 0.0 38.6 58.0#

