

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040489.D
 Acq On : 27 Feb 2024 15:03
 Operator : JC/MD
 Sample : P1582-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Feb 28 02:03:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

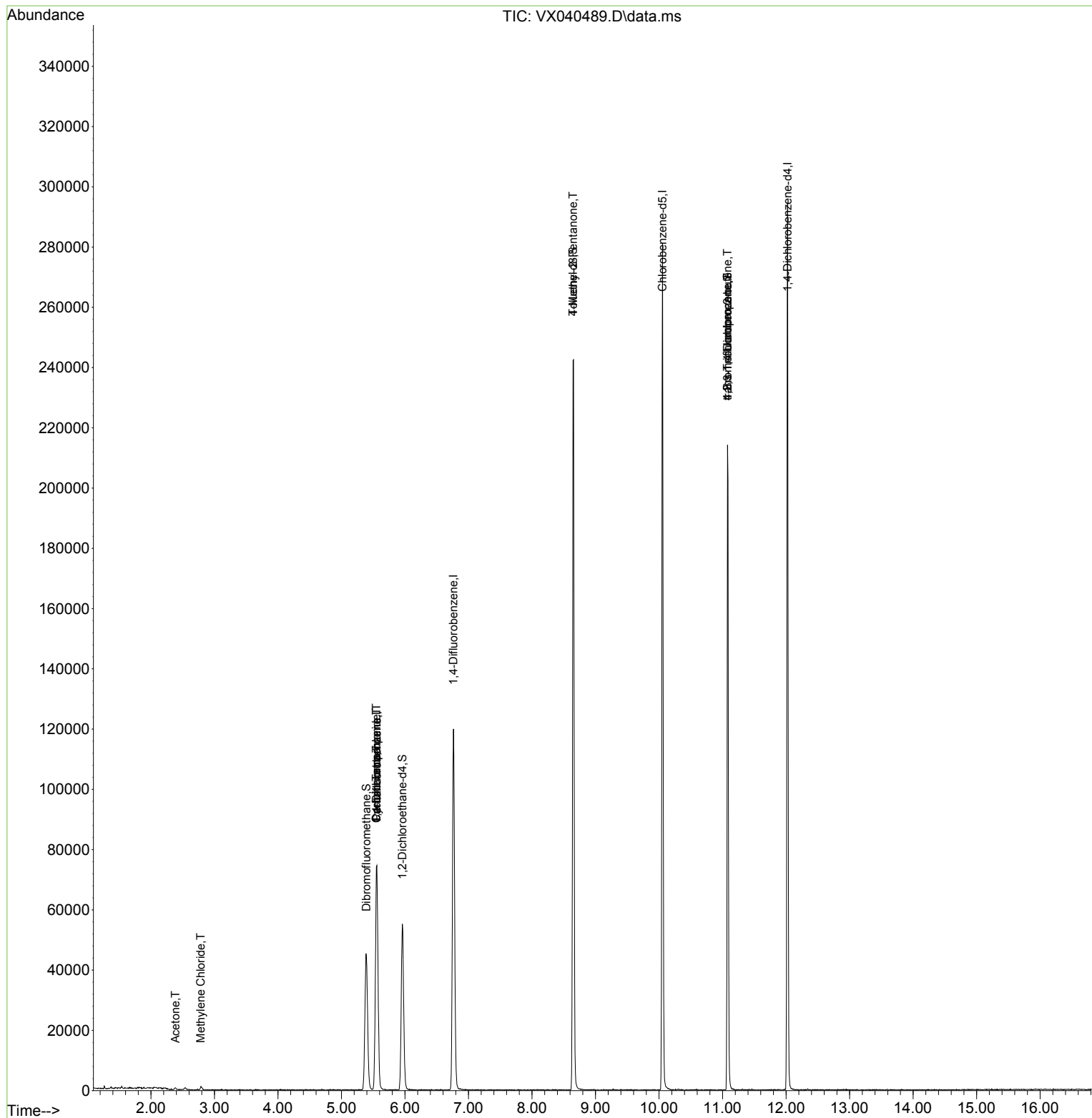
Internal Standards						
1) Pentafluorobenzene	5.556	168	64488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	114990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54699	50.713	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.420%			
35) Dibromofluoromethane	5.391	113	39196	49.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.040%			
50) Toluene-d8	8.647	98	143689	49.504	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.000%			
62) 4-Bromofluorobenzene	11.079	95	55103	49.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.600%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	796	2.263	ug/l #	73
20) Methylene Chloride	2.782	84	591	0.702	ug/l #	62
31) Cyclohexane	5.550	56	2032	1.663	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	6270	5.089	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7441	6.252	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	817	0.584	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32164	26.059	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	32164	75.840	ug/l #	5

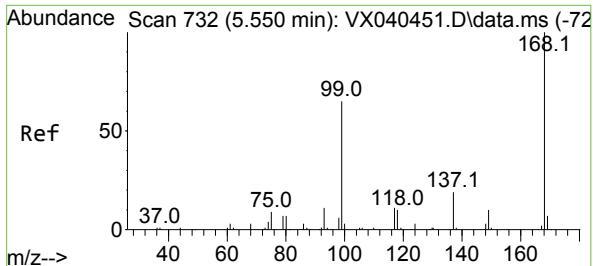
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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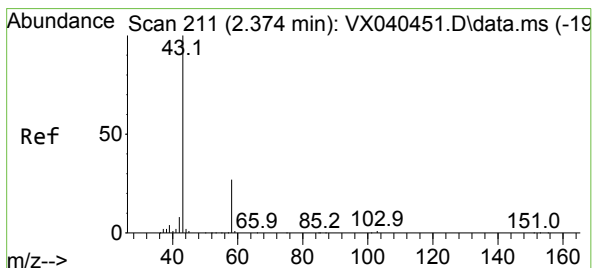
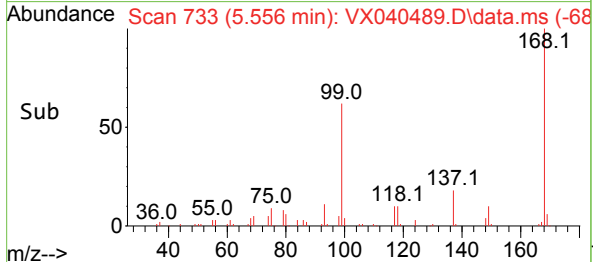
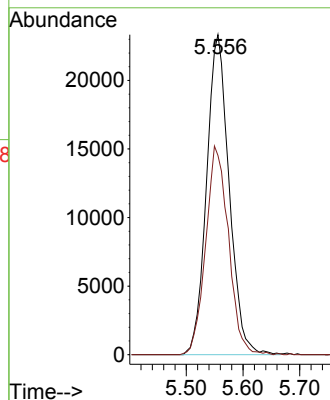
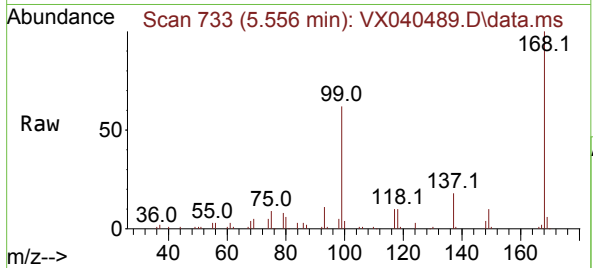




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040489.D
Acq: 27 Feb 2024 15:03

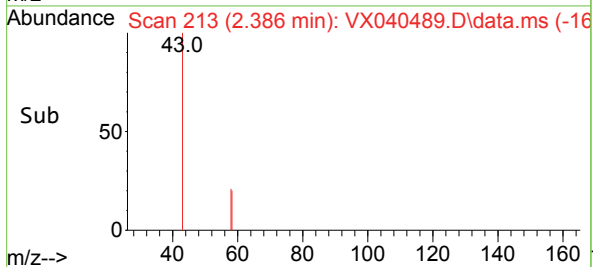
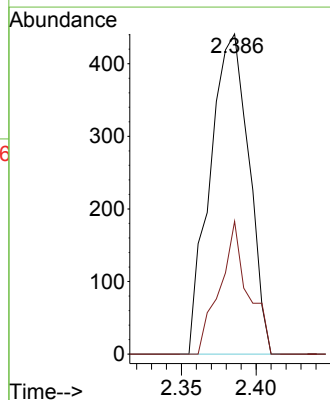
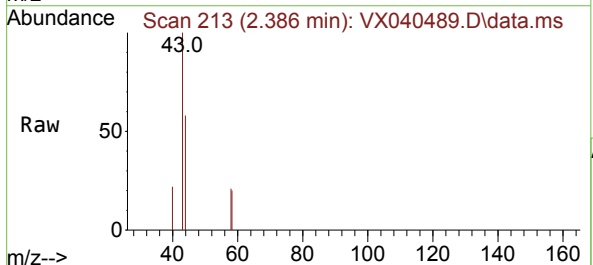
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

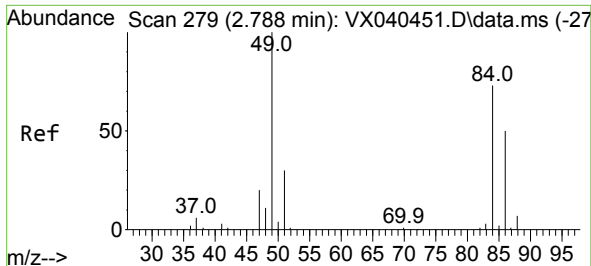
Tgt Ion:168 Resp: 64488
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#16
Acetone
Concen: 2.263 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX040489.D
Acq: 27 Feb 2024 15:03

Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 41.5 21.9 32.9#





#20

Methylene Chloride

Concen: 0.702 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX040489.D

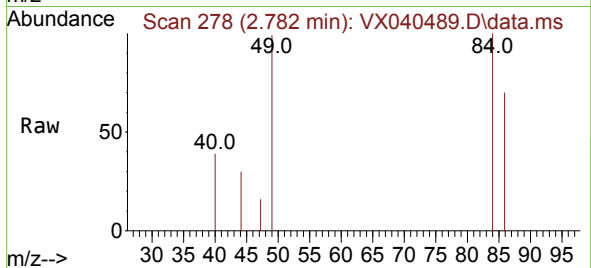
Acq: 27 Feb 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion: 84 Resp: 591

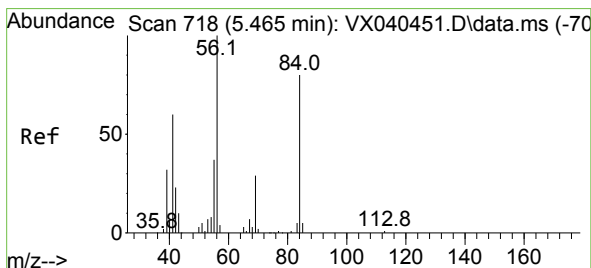
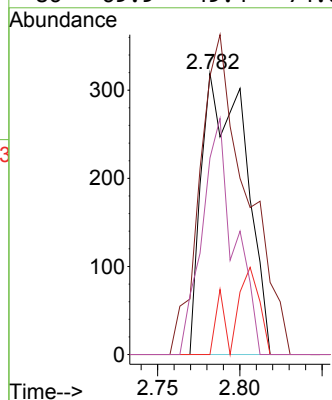
Ion Ratio Lower Upper

84 100

49 81.8 103.6 155.4#

51 0.0 33.8 50.6#

86 69.9 49.4 74.0



#31

Cyclohexane

Concen: 1.663 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX040489.D

Acq: 27 Feb 2024 15:03

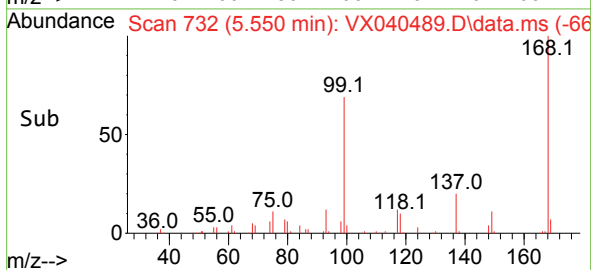
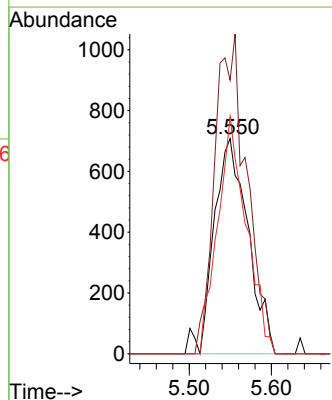
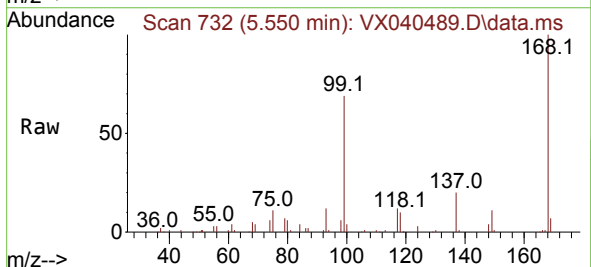
Tgt Ion: 56 Resp: 2032

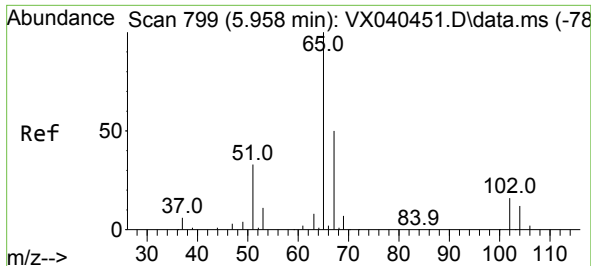
Ion Ratio Lower Upper

56 100

69 127.1 23.4 35.2#

84 110.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 50.713 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040489.D

Acq: 27 Feb 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

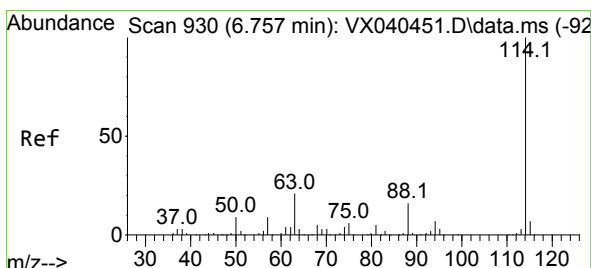
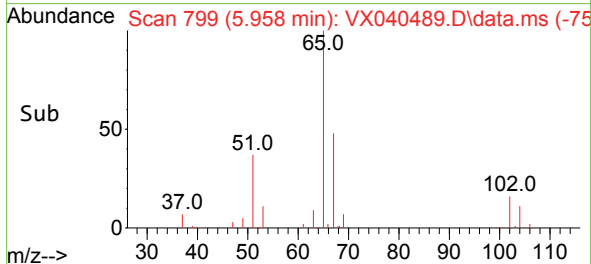
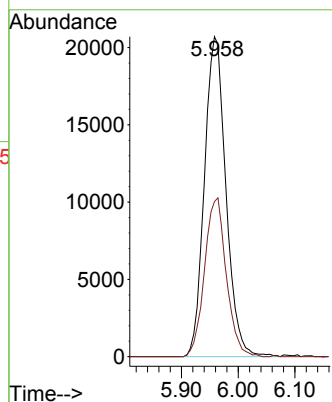
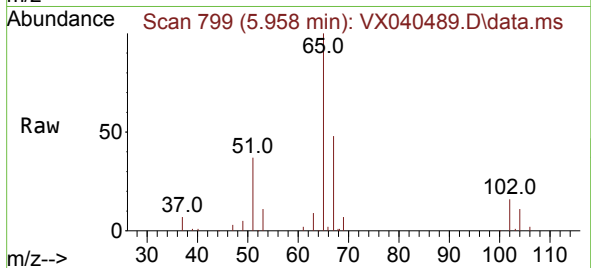
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 54699

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040489.D

Acq: 27 Feb 2024 15:03

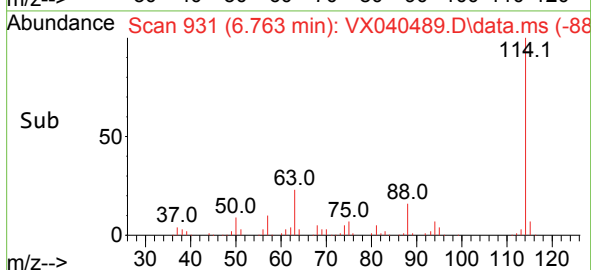
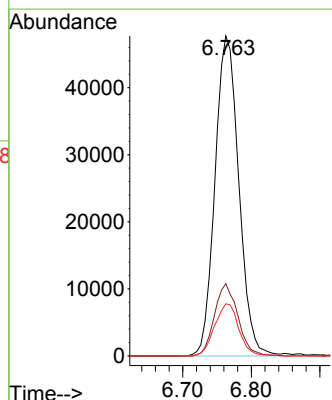
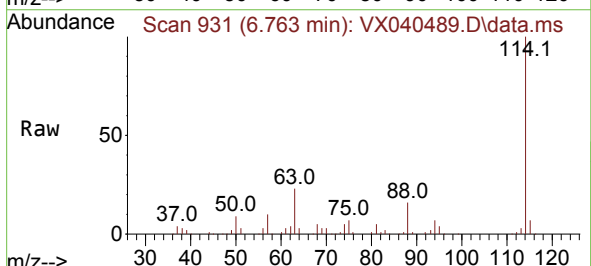
Tgt Ion: 114 Resp: 114990

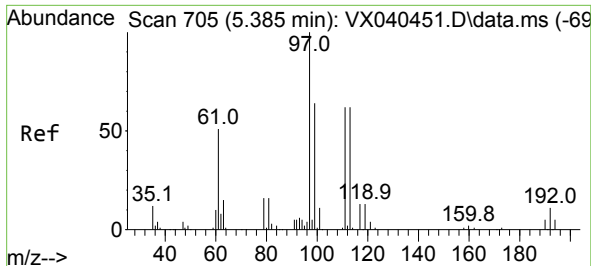
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

88 16.3 0.0 36.6

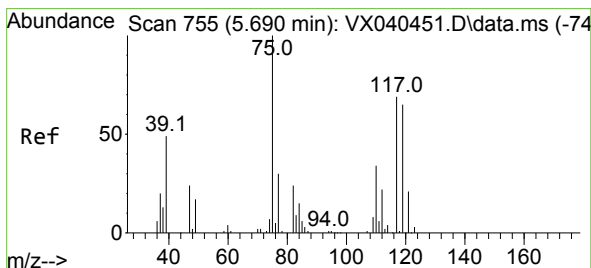
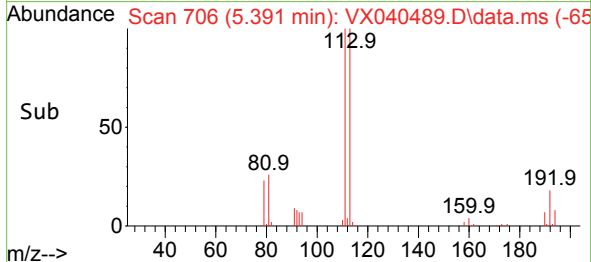
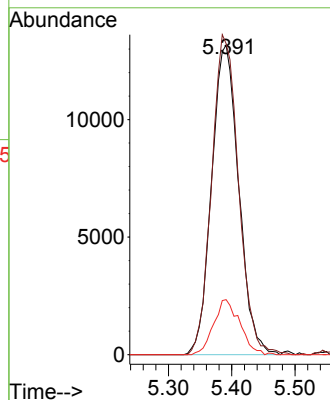
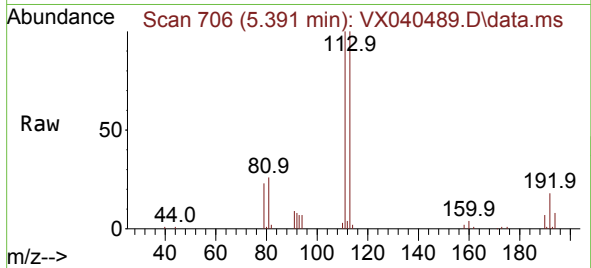




#35
Dibromofluoromethane
Concen: 49.017 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040489.D
Acq: 27 Feb 2024 15:03

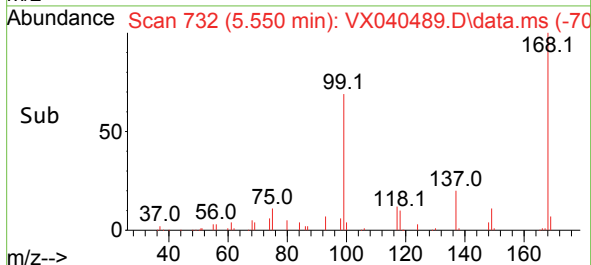
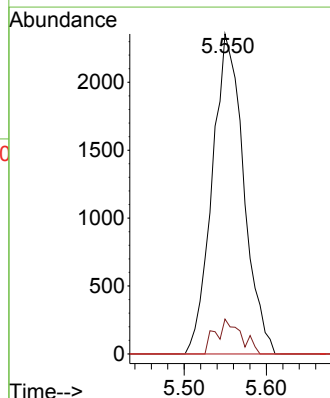
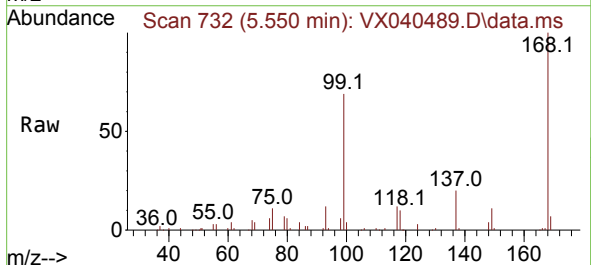
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

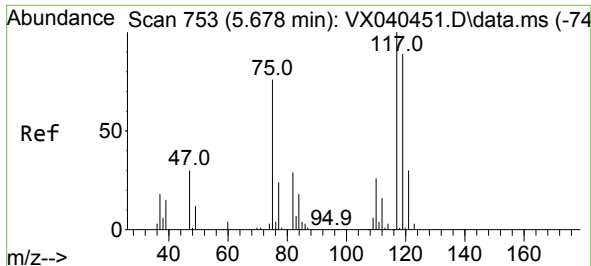
Tgt Ion:113 Resp: 39196
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 17.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.089 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040489.D
Acq: 27 Feb 2024 15:03

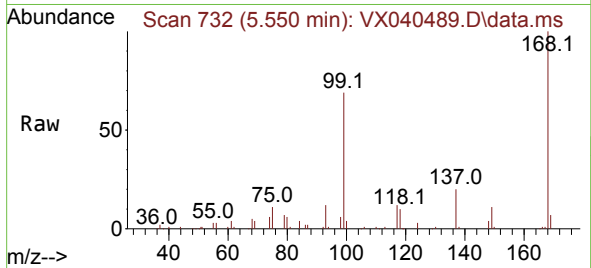
Tgt Ion: 75 Resp: 6270
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



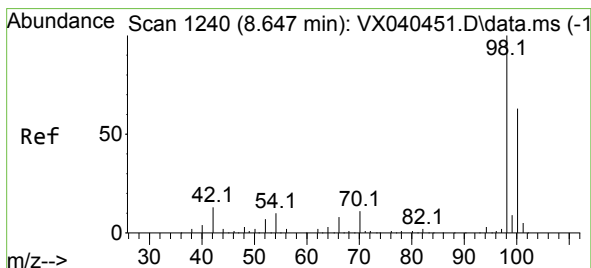
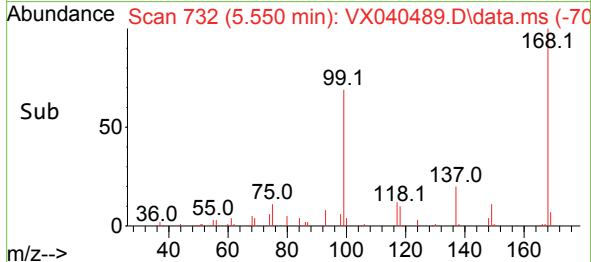
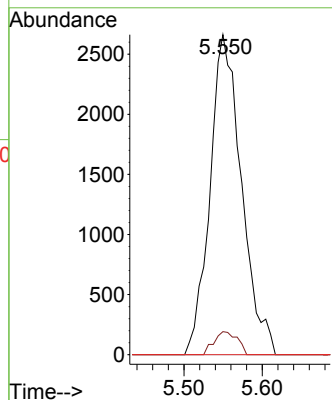


#38
Carbon Tetrachloride
Concen: 6.252 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040489.D
Acq: 27 Feb 2024 15:03

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

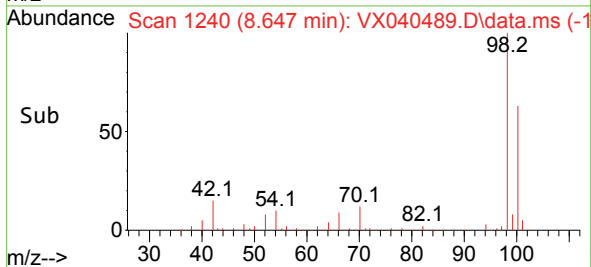
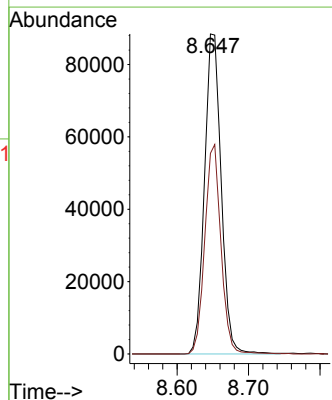
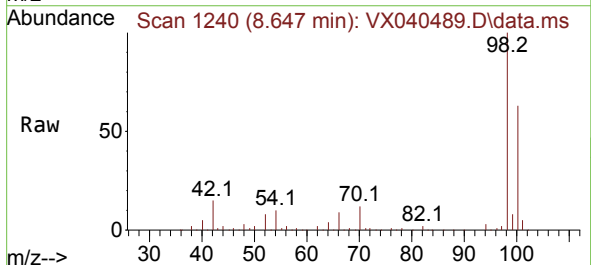


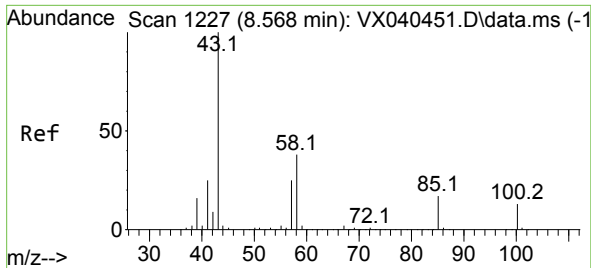
Tgt Ion:117 Resp: 7441
Ion Ratio Lower Upper
117 100
119 7.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.504 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040489.D
Acq: 27 Feb 2024 15:03

Tgt Ion: 98 Resp: 143689
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

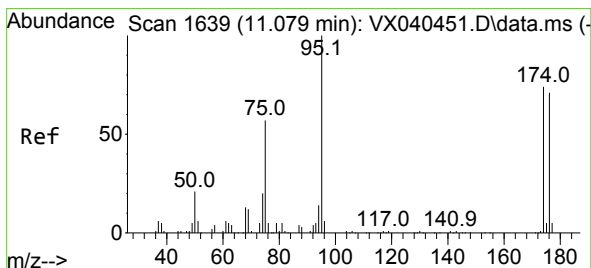
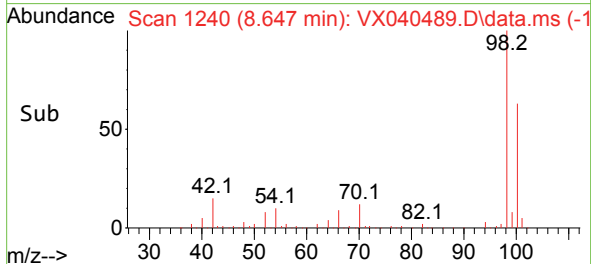
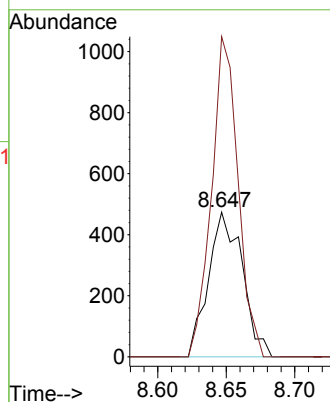
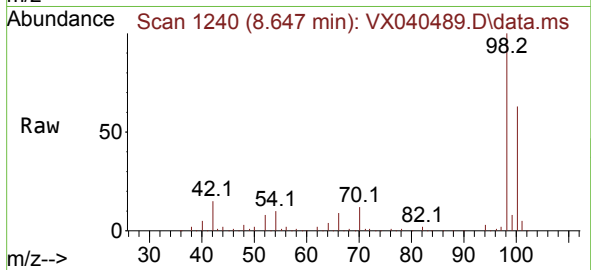




#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040489.D
Acq: 27 Feb 2024 15:03

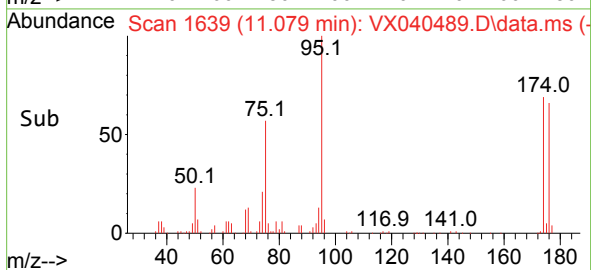
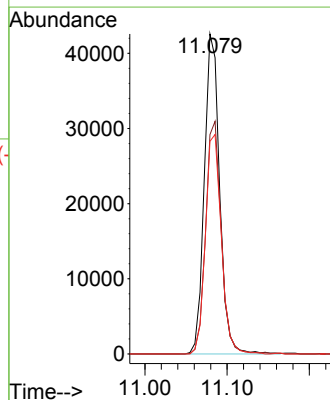
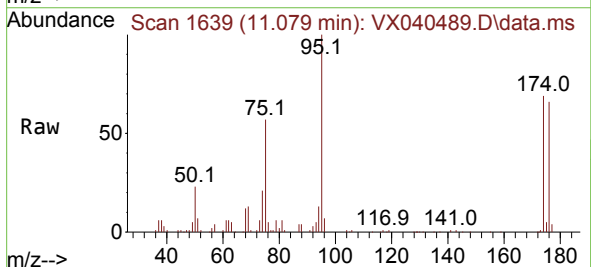
Instrument :
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

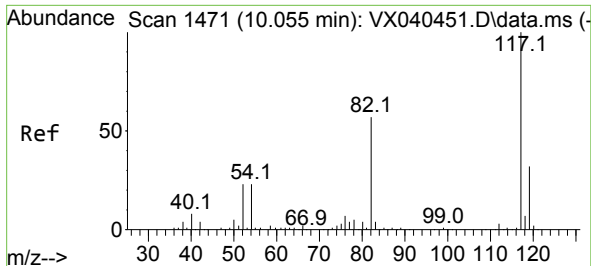
Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 173.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.802 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040489.D
Acq: 27 Feb 2024 15:03

Tgt Ion: 95 Resp: 55103
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 71.3 0.0 131.0

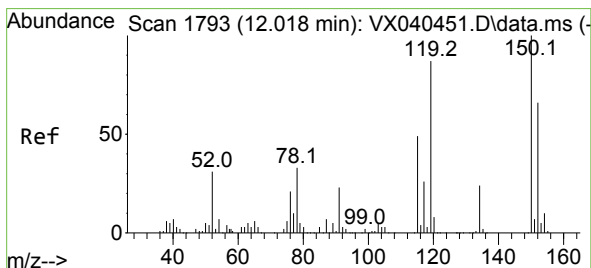
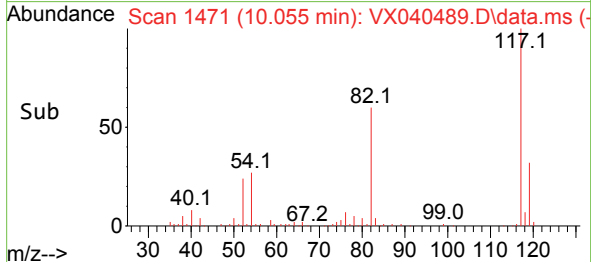
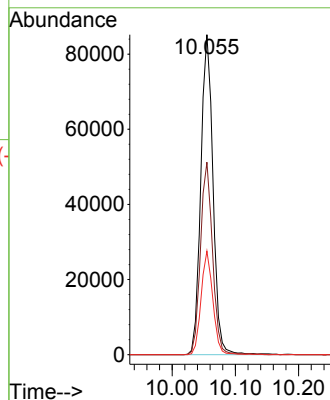
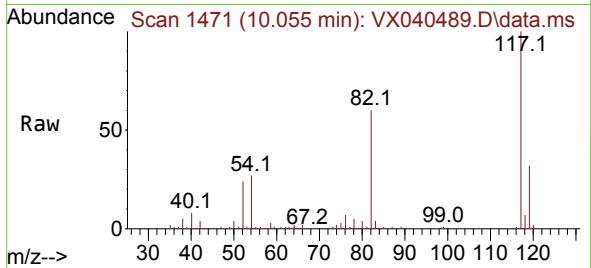




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040489.D
Acq: 27 Feb 2024 15:03

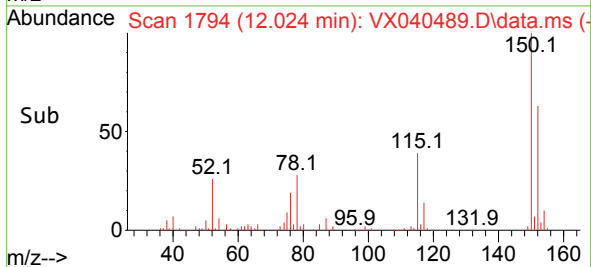
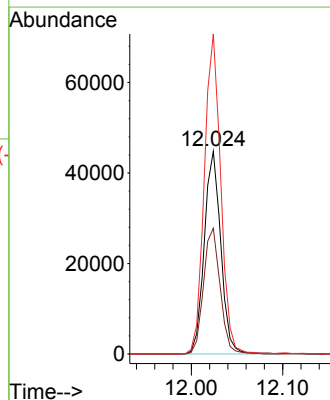
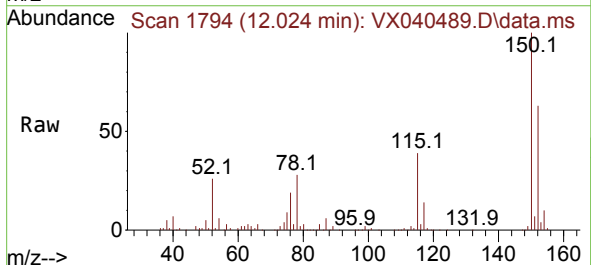
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

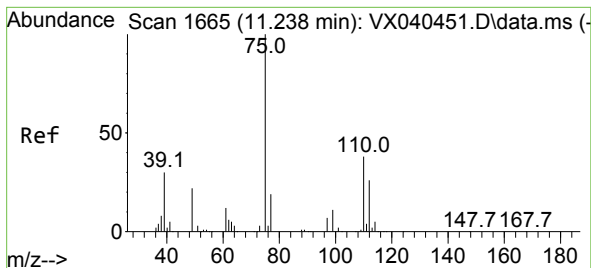
Tgt Ion:117 Resp: 114546
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040489.D
Acq: 27 Feb 2024 15:03

Tgt Ion:152 Resp: 56082
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 156.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.059 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040489.D

Acq: 27 Feb 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

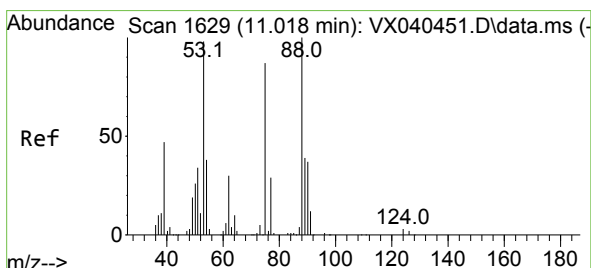
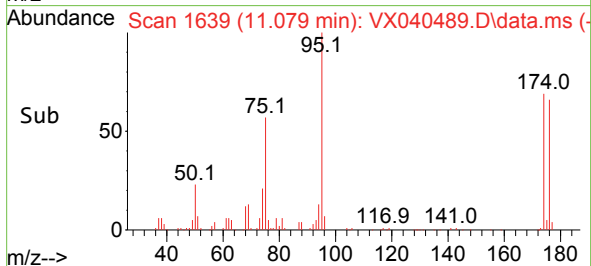
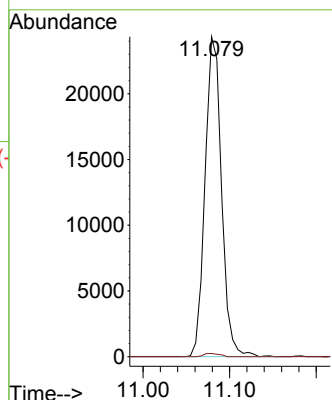
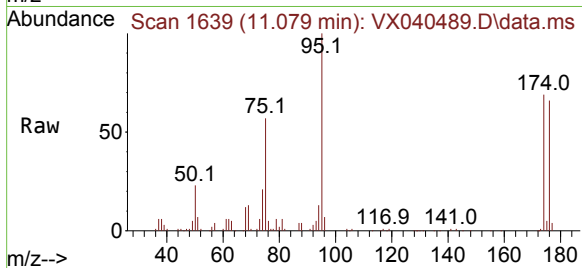
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 32164

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.840 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040489.D

Acq: 27 Feb 2024 15:03

Tgt Ion: 75 Resp: 32164

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

