

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062823\
 Data File : VX036363.D
 Acq On : 28 Jun 2023 13:08
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 29 01:28:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

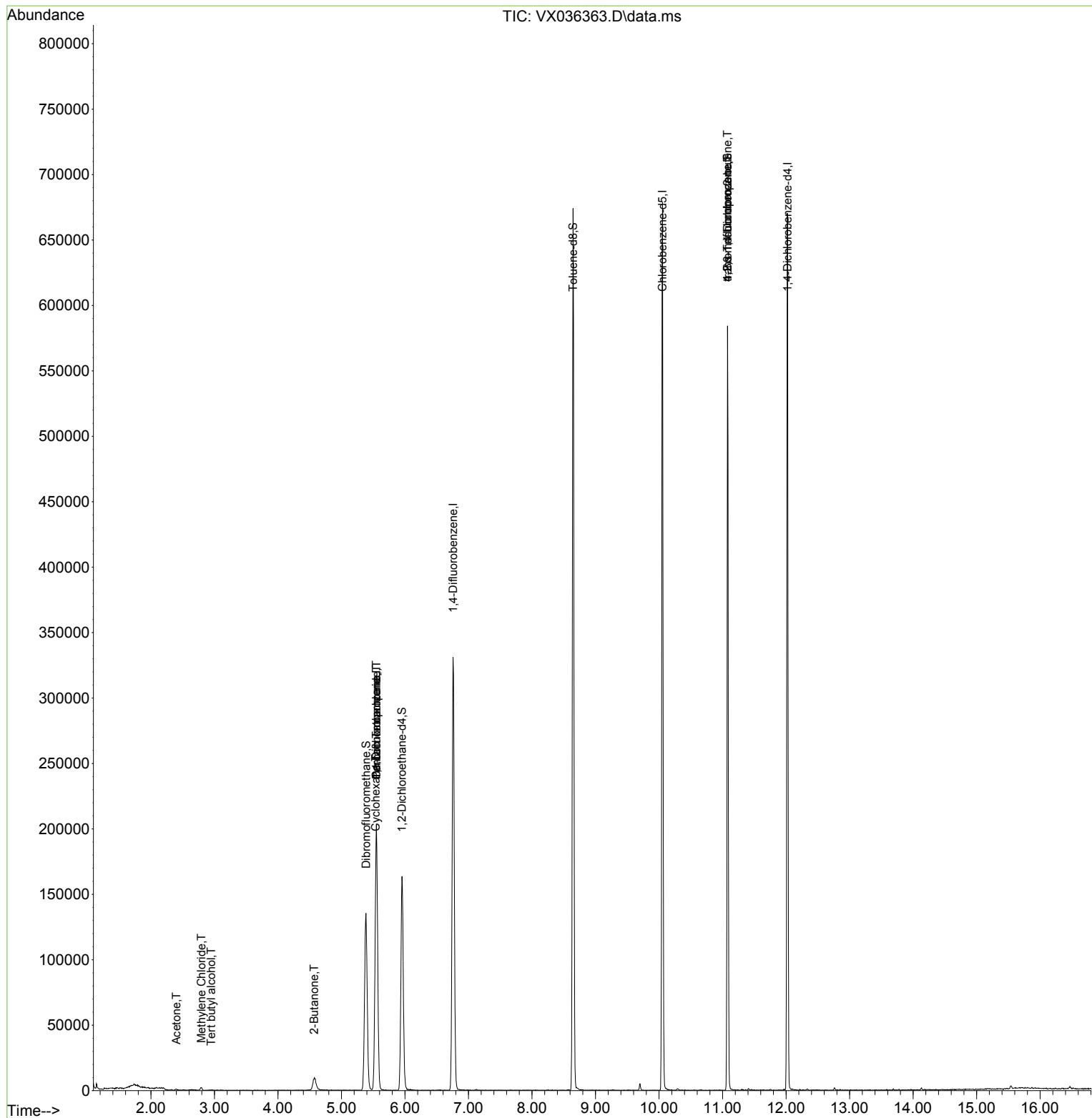
Internal Standards						
1) Pentafluorobenzene	5.549	168	189386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	336914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156258	57.560	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 115.120%		
35) Dibromofluoromethane	5.385	113	118773	53.465	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.920%		
50) Toluene-d8	8.646	98	406473	48.988	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.980%		
62) 4-Bromofluorobenzene	11.079	95	149695	51.220	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.440%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	146	0.295	ug/l #	78
16) Acetone	2.397	43	1164	1.003	ug/l #	83
20) Methylene Chloride	2.794	84	1027	0.411	ug/l #	58
25) 2-Butanone	4.568	43	851	0.510	ug/l #	51
31) Cyclohexane	5.537	56	4059	1.167	ug/l #	27
36) 1,1-Dichloropropene	5.549	75	15263	4.609	ug/l #	51
38) Carbon Tetrachloride	5.549	117	19812	6.551	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	78273	25.512	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	78273	83.162	ug/l #	5

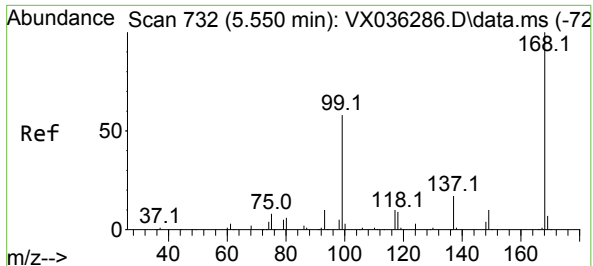
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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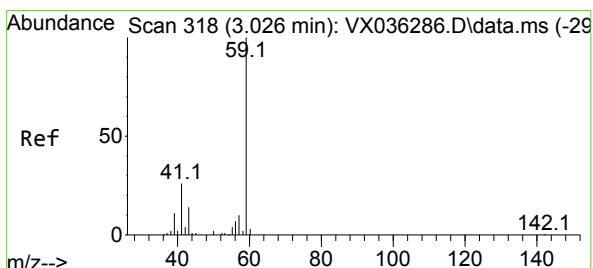
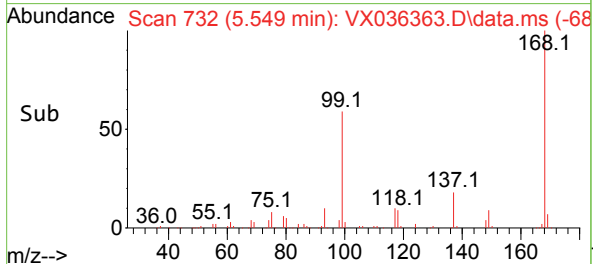
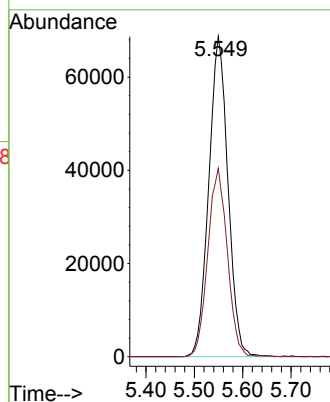
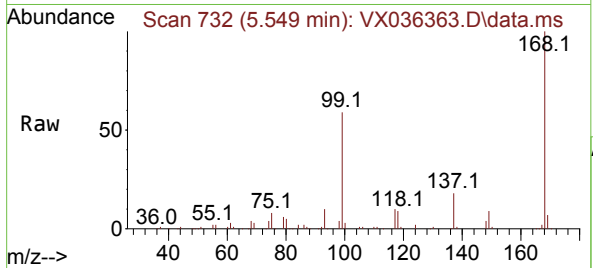




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX036363.D
Acq: 28 Jun 2023 13:08

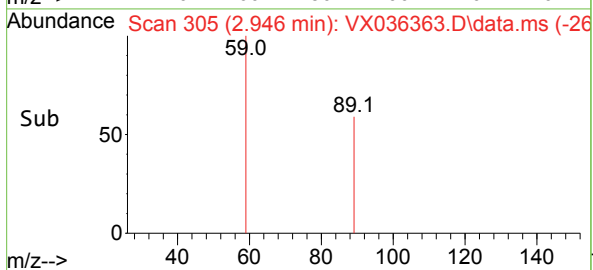
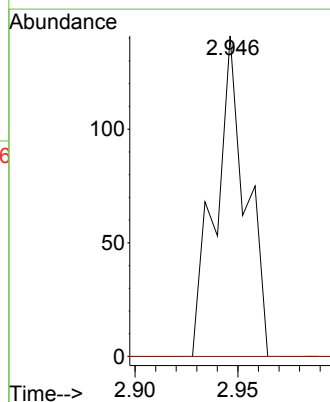
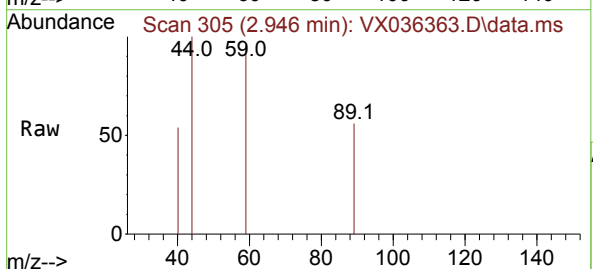
Instrument :
MSVOA_X
ClientSampleId :
IBLK

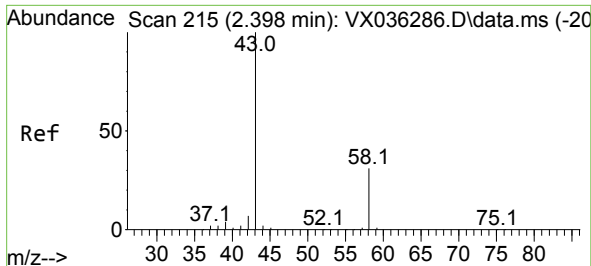
Tgt Ion:168 Resp: 189386
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.295 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.067 min
Lab File: VX036363.D
Acq: 28 Jun 2023 13:08

Tgt Ion: 59 Resp: 146
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

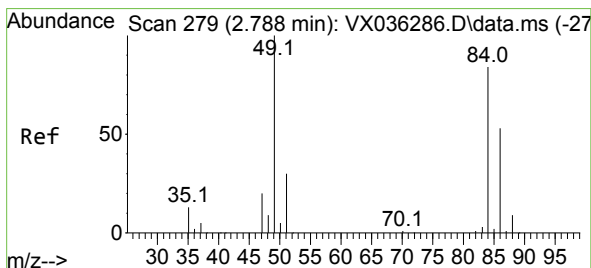
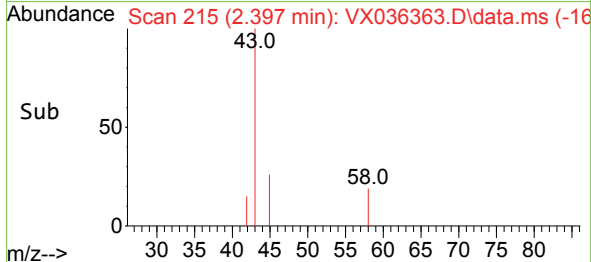
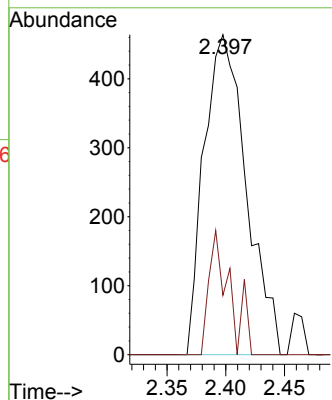
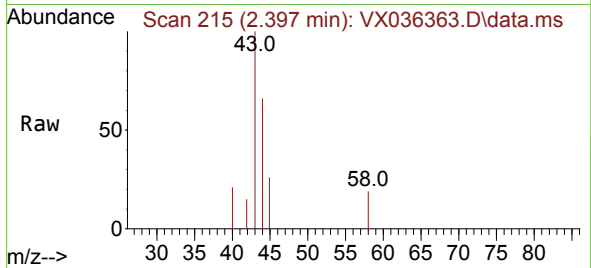




#16
Acetone
Concen: 1.003 ug/l
RT: 2.397 min Scan# 215
Delta R.T. -0.007 min
Lab File: VX036363.D
Acq: 28 Jun 2023 13:08

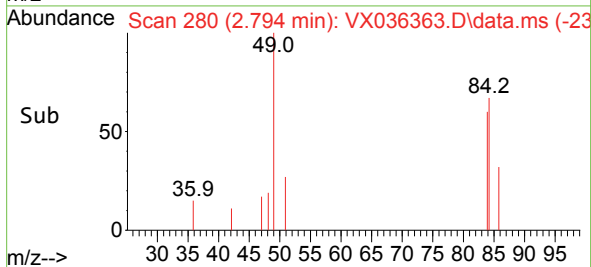
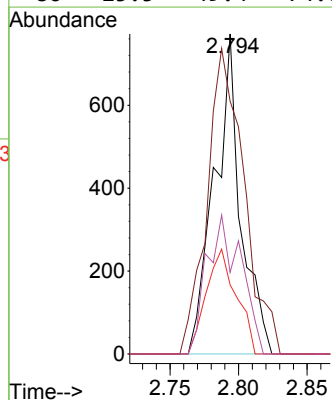
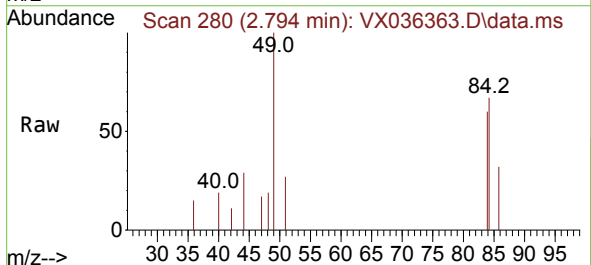
Instrument :
MSVOA_X
ClientSampleId :
IBLK

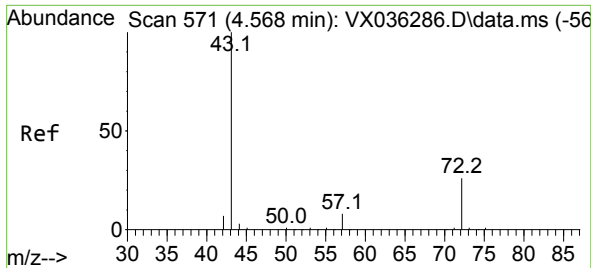
Tgt Ion: 43 Resp: 1164
Ion Ratio Lower Upper
43 100
58 18.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036363.D
Acq: 28 Jun 2023 13:08

Tgt Ion: 84 Resp: 1027
Ion Ratio Lower Upper
84 100
49 79.0 103.6 155.4#
51 21.6 33.8 50.6#
86 25.5 49.4 74.0#

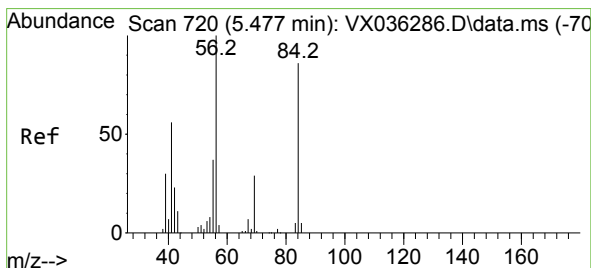
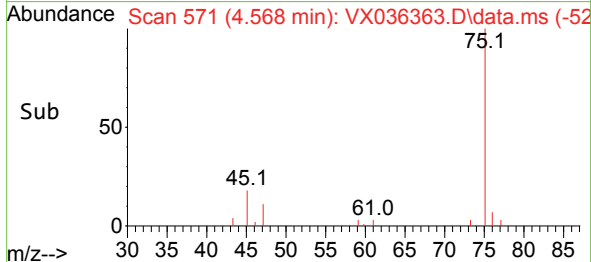
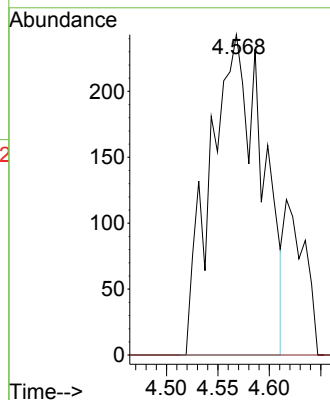
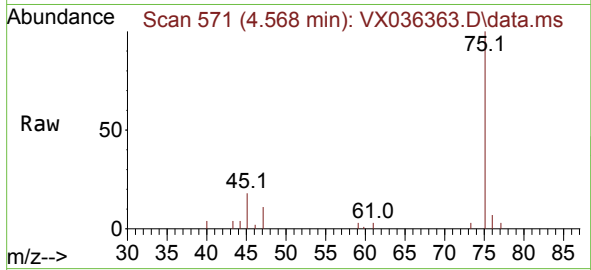




#25
2-Butanone
Concen: 0.510 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036363.D
Acq: 28 Jun 2023 13:08

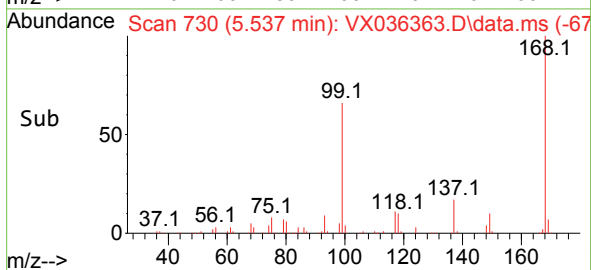
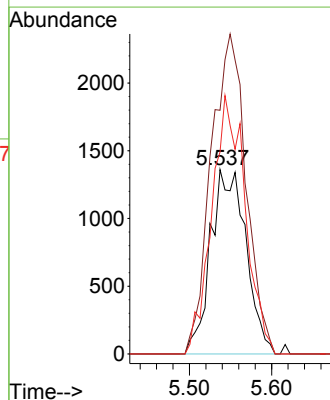
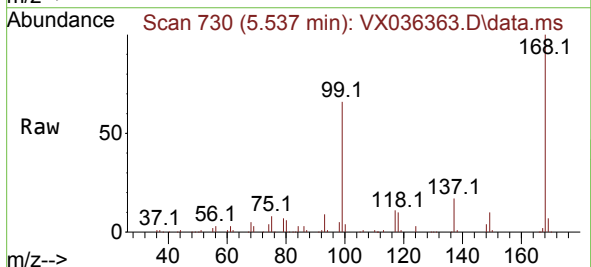
Instrument :
MSVOA_X
ClientSampleId :
IBLK

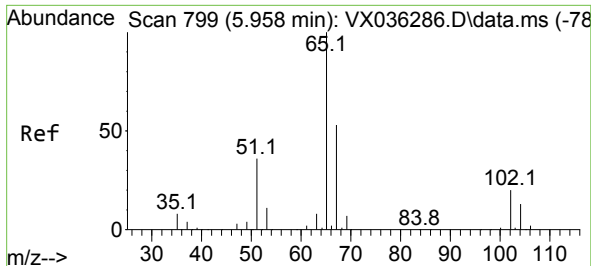
Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX036363.D
Acq: 28 Jun 2023 13:08

Tgt Ion: 56 Resp: 4059
Ion Ratio Lower Upper
56 100
69 132.3 23.4 35.2#
84 109.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 57.560 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036363.D

Acq: 28 Jun 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

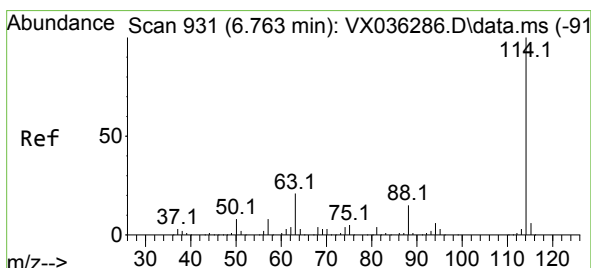
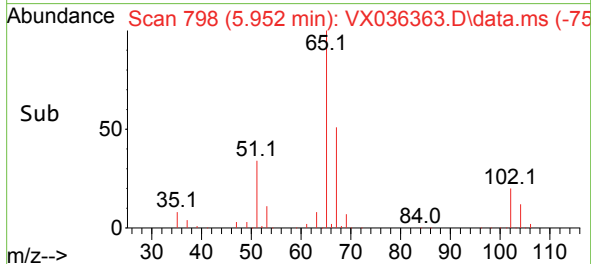
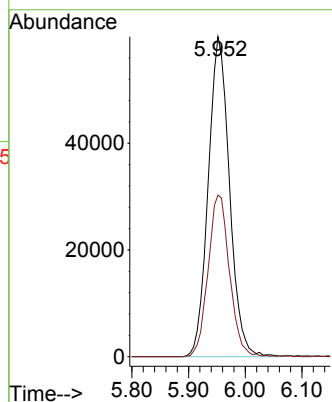
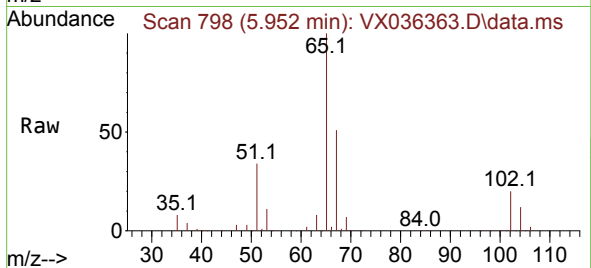
IBLK

Tgt Ion: 65 Resp: 156258

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.007 min

Lab File: VX036363.D

Acq: 28 Jun 2023 13:08

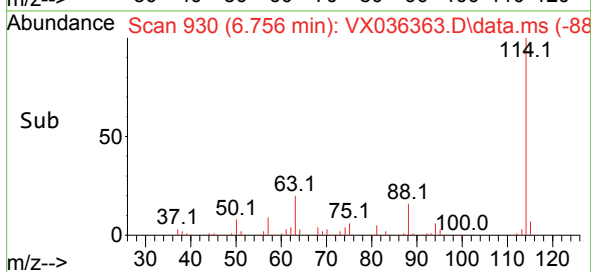
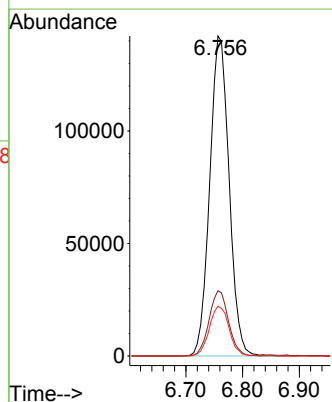
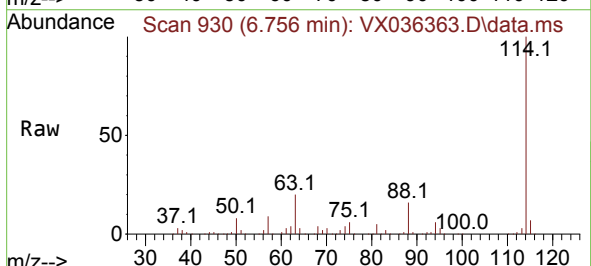
Tgt Ion: 114 Resp: 336914

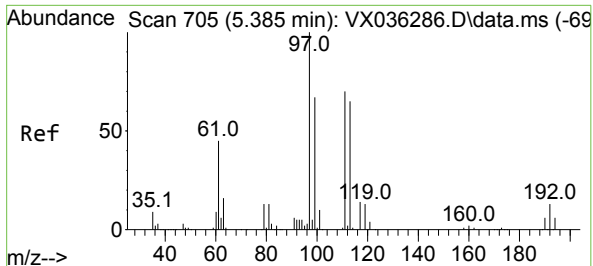
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.465 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036363.D

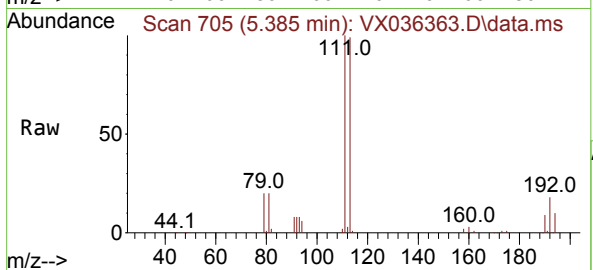
Acq: 28 Jun 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

IBLK



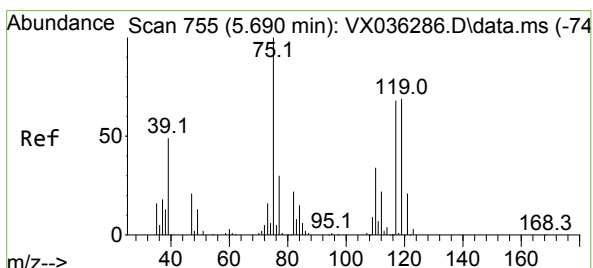
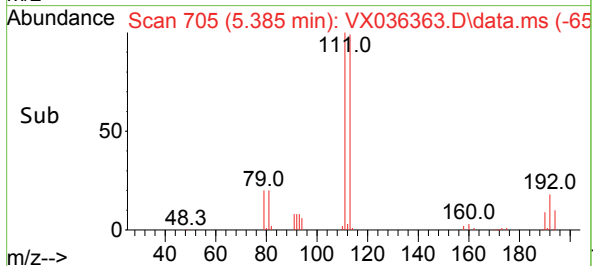
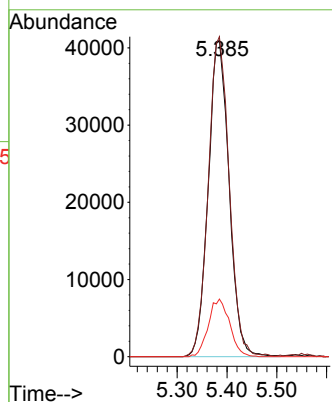
Tgt Ion:113 Resp: 118773

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 18.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.609 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.147 min

Lab File: VX036363.D

Acq: 28 Jun 2023 13:08

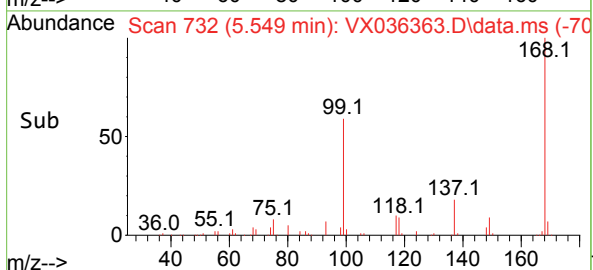
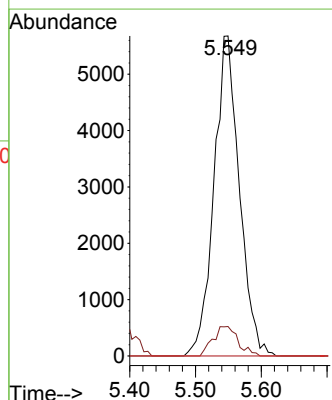
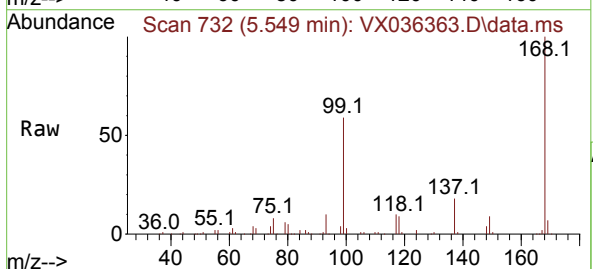
Tgt Ion: 75 Resp: 15263

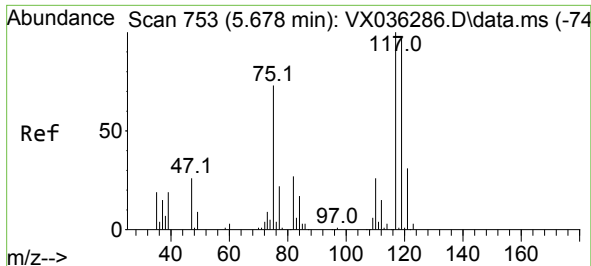
Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

77 0.0 24.7 37.1#

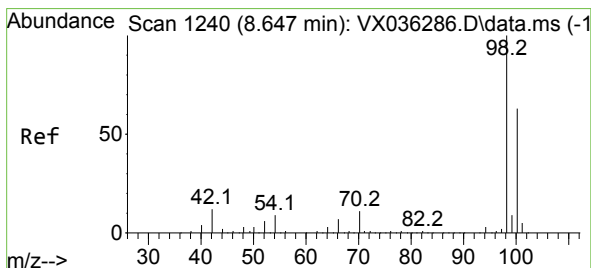
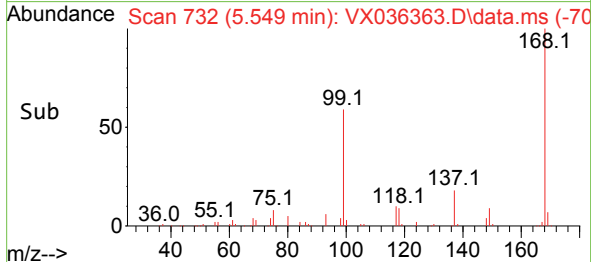
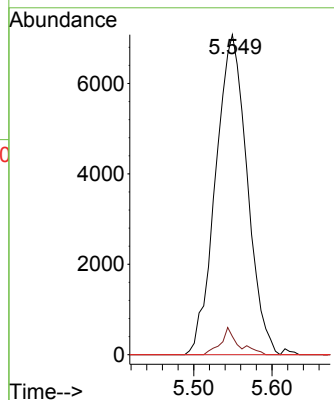
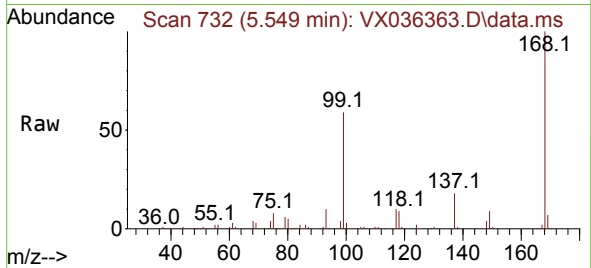




#38
Carbon Tetrachloride
Concen: 6.551 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX036363.D
Acq: 28 Jun 2023 13:08

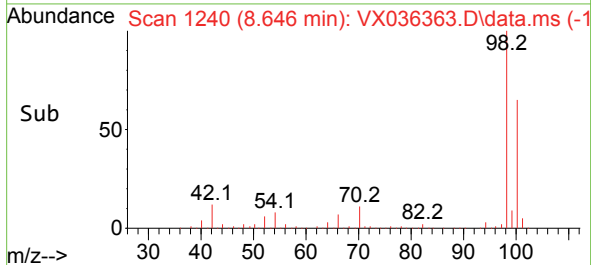
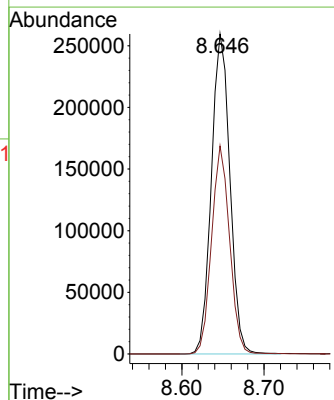
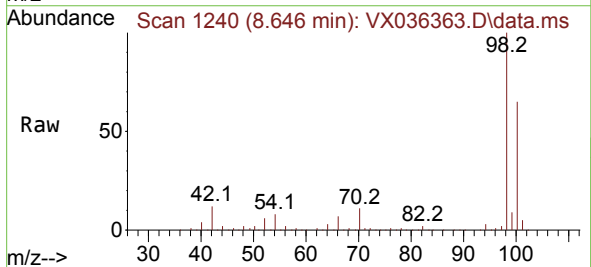
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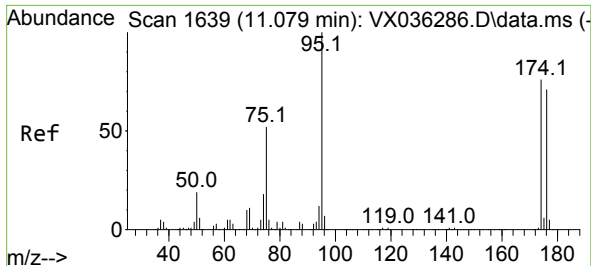
Tgt Ion:117 Resp: 19812
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.988 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036363.D
Acq: 28 Jun 2023 13:08

Tgt Ion: 98 Resp: 406473
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

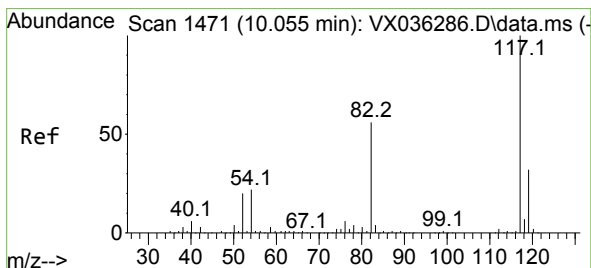
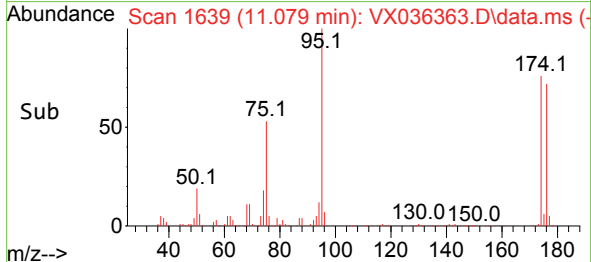
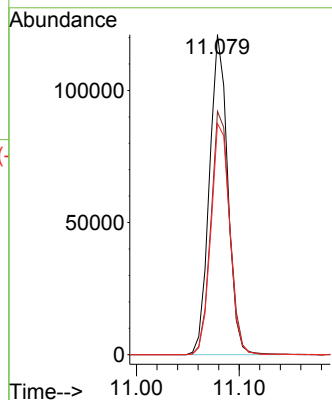
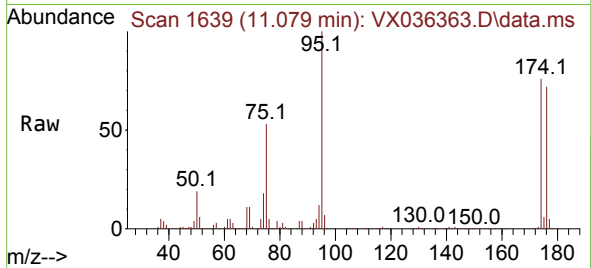




#62
4-Bromofluorobenzene
Concen: 51.220 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036363.D
Acq: 28 Jun 2023 13:08

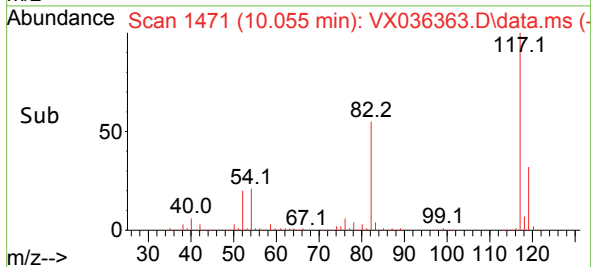
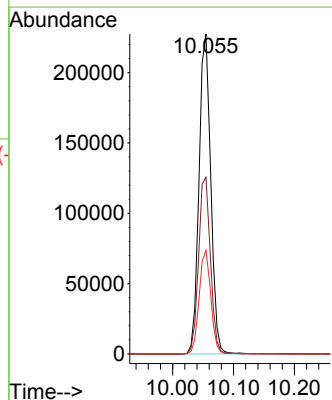
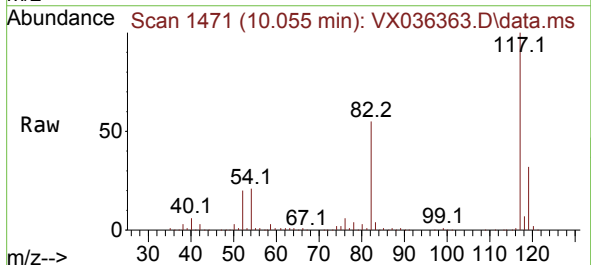
Instrument :
MSVOA_X
ClientSampleId :
IBLK

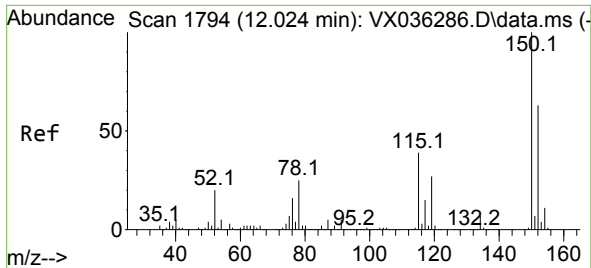
Tgt Ion: 95 Resp: 149695
Ion Ratio Lower Upper
95 100
174 78.4 0.0 135.6
176 74.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036363.D
Acq: 28 Jun 2023 13:08

Tgt Ion: 117 Resp: 303735
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.3 25.5 38.3

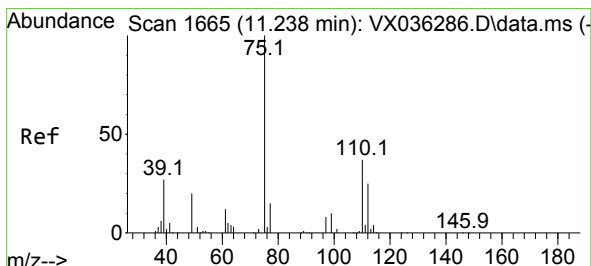
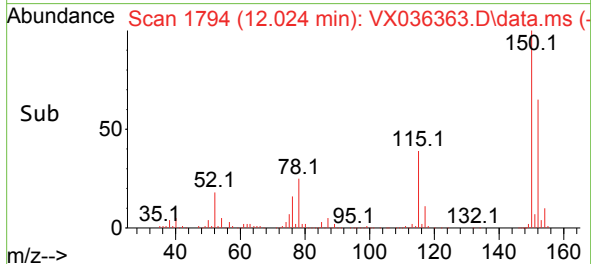
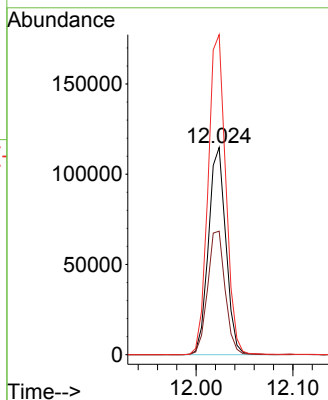
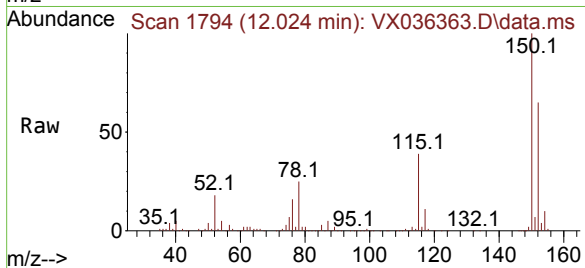




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX036363.D
 Acq: 28 Jun 2023 13:08

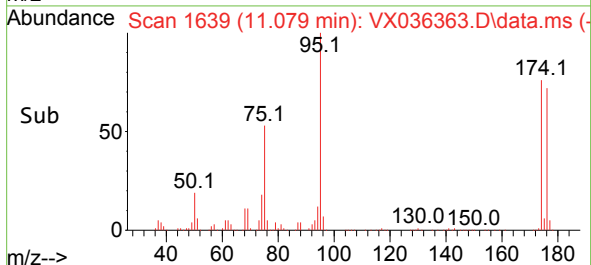
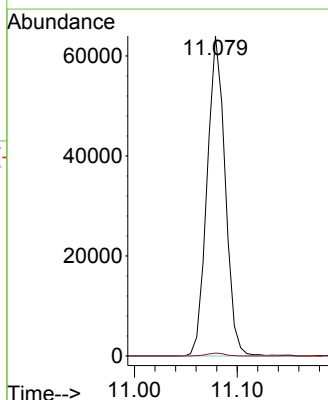
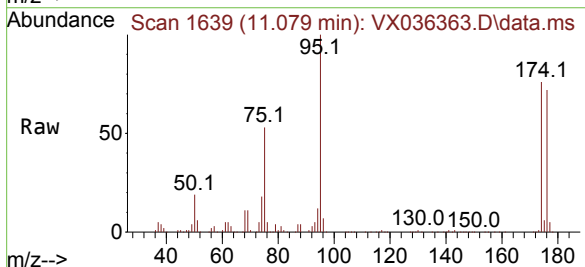
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

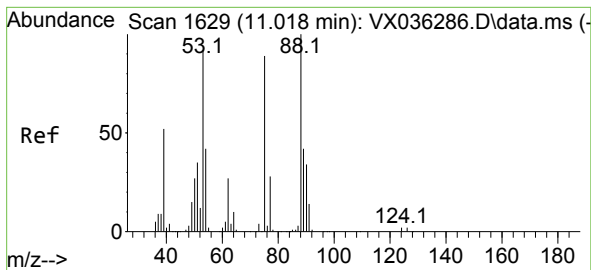
Tgt Ion:152 Resp: 143838
 Ion Ratio Lower Upper
 152 100
 115 60.2 43.3 129.9
 150 156.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.512 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036363.D
 Acq: 28 Jun 2023 13:08

Tgt Ion: 75 Resp: 78273
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.162 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036363.D
 Acq: 28 Jun 2023 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 78273
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

