

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034327.D
 Acq On : 03 Mar 2023 16:58
 Operator : JC/MD
 Sample : 01813-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Mar 03 22:15:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

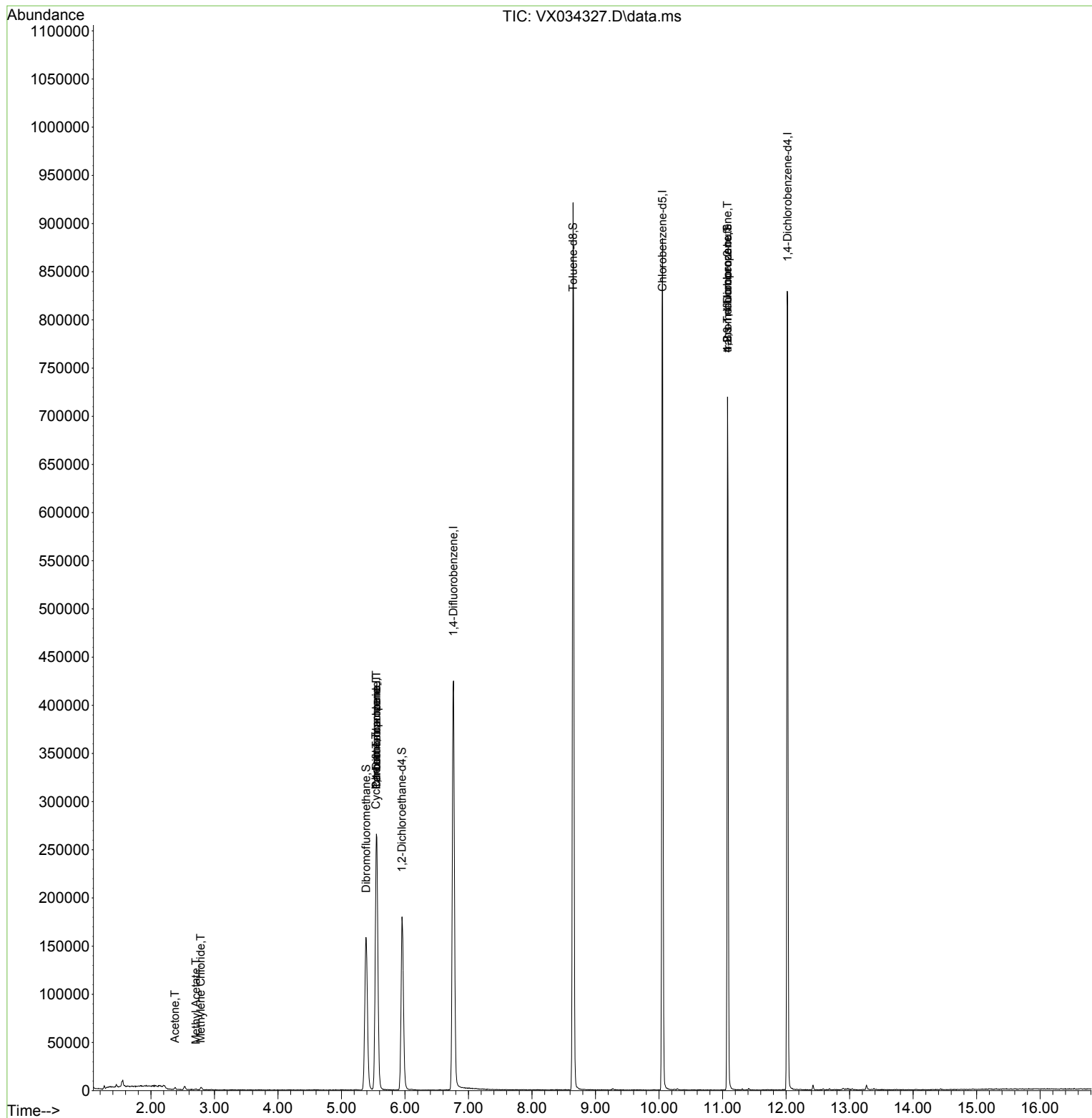
Internal Standards						
1) Pentafluorobenzene	5.550	168	266447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162510	45.287	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.580%
35) Dibromofluoromethane	5.385	113	140001	48.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	8.647	98	536492	51.423	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.840%
62) 4-Bromofluorobenzene	11.079	95	185415	46.462	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.920%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	168	Below Cal		84
16) Acetone	2.380	43	1948	1.052	ug/l	96
18) Methyl Acetate	2.709	43	1562	0.273	ug/l #	72
20) Methylene Chloride	2.782	84	1212	0.363	ug/l #	72
31) Cyclohexane	5.544	56	5957	1.112	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	19874	4.625	ug/l #	44
38) Carbon Tetrachloride	5.550	117	25266	5.713	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	93092	20.595	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	93092	52.906	ug/l #	8

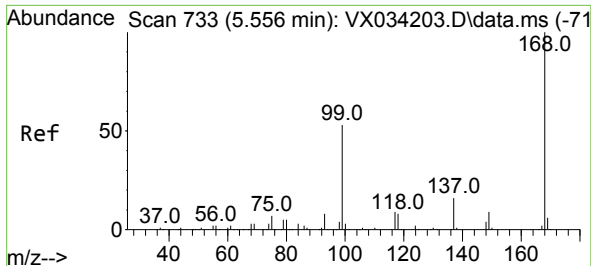
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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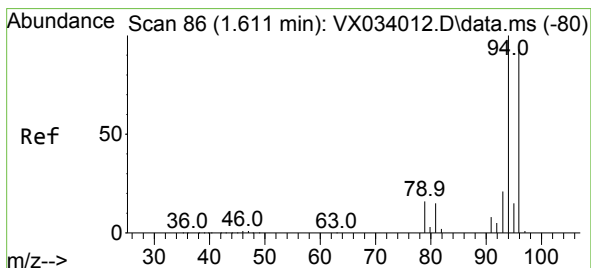
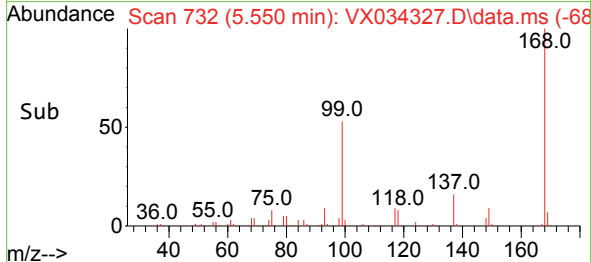
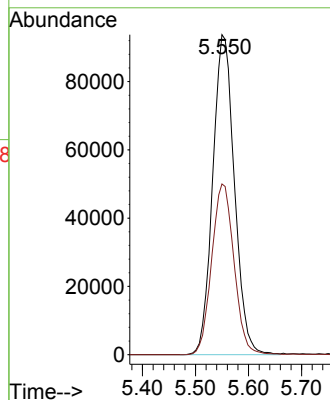
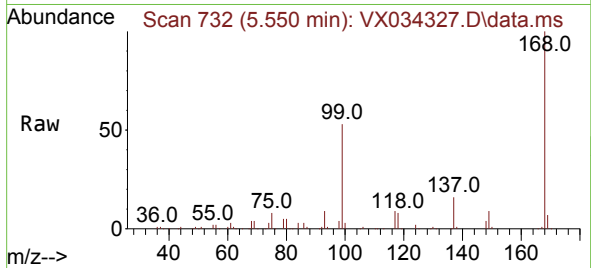




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

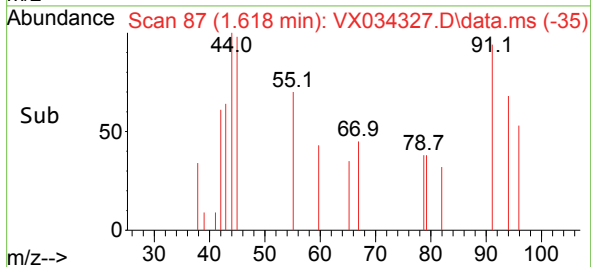
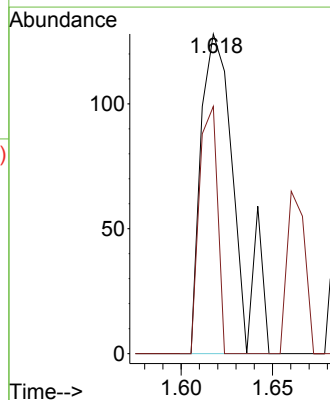
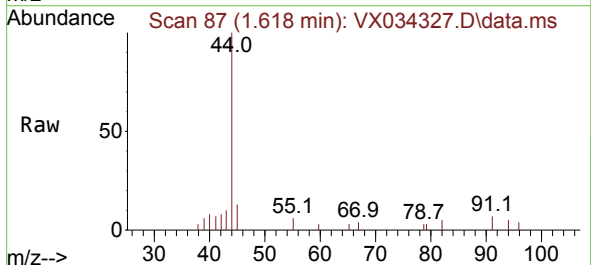
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

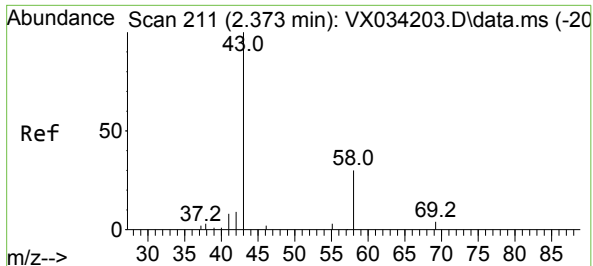
Tgt Ion:168 Resp: 266447
Ion Ratio Lower Upper
168 100
99 53.3 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

Tgt Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
96 77.3 74.3 111.5

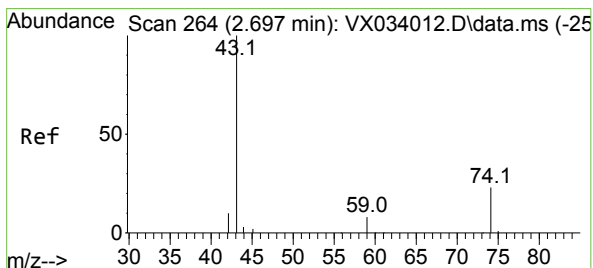
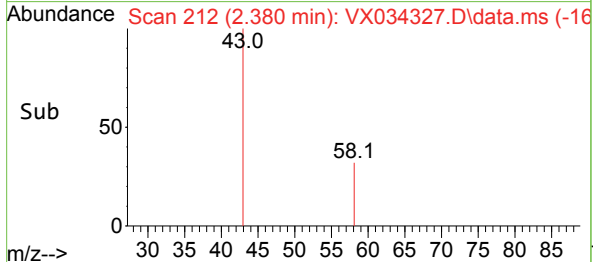
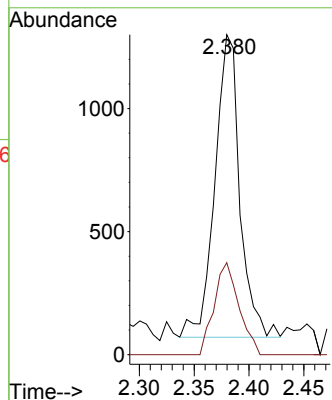
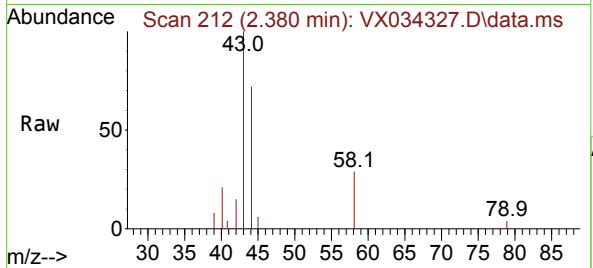




#16
Acetone
Concen: 1.052 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

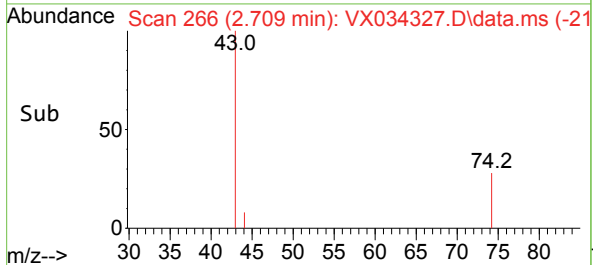
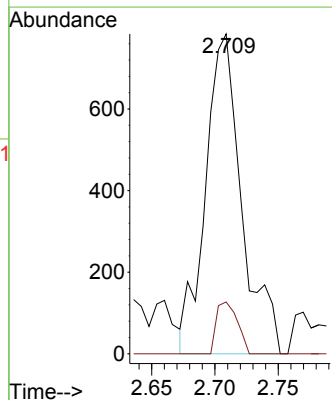
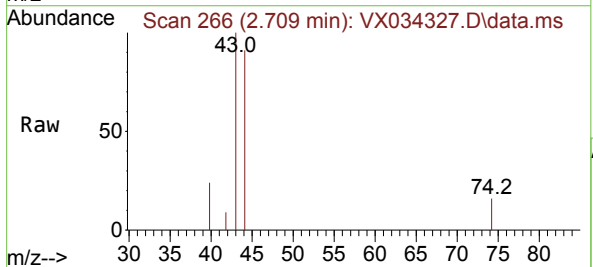
Instrument :
MSVOA_X
ClientSampleId :
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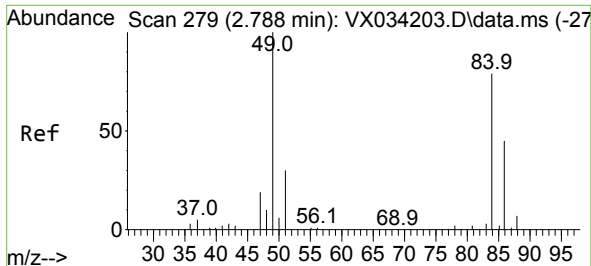
Tgt Ion: 43 Resp: 1948
Ion Ratio Lower Upper
43 100
58 30.4 22.6 33.8



#18
Methyl Acetate
Concen: 0.273 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

Tgt Ion: 43 Resp: 1562
Ion Ratio Lower Upper
43 100
74 9.3 18.2 27.4#



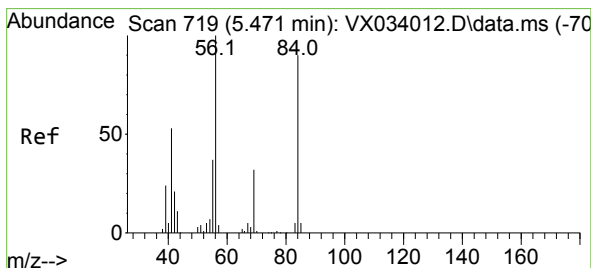
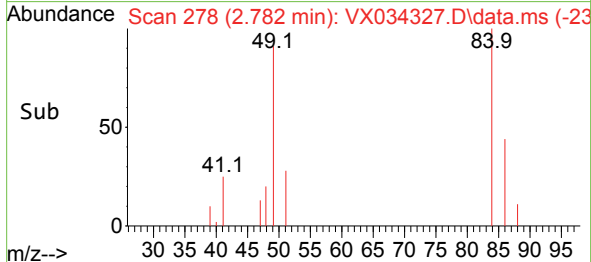
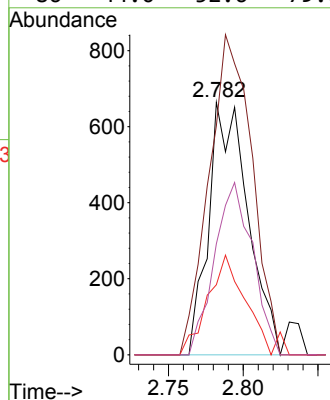
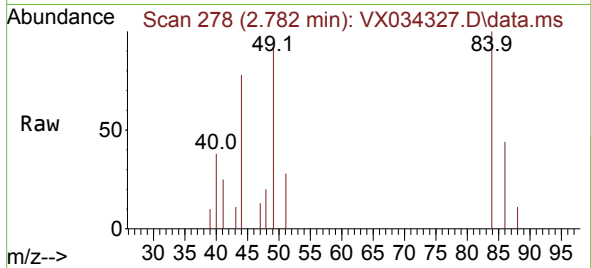


#20
Methylene Chloride
Concen: 0.363 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 84 Resp: 1212

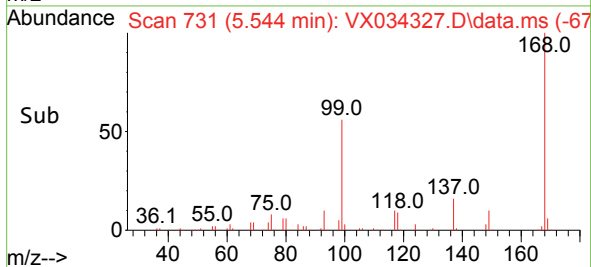
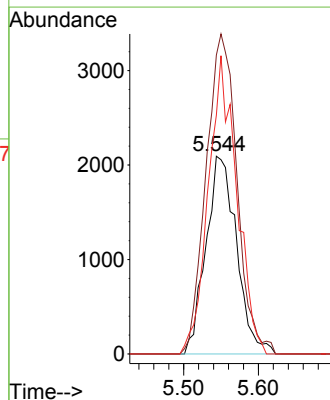
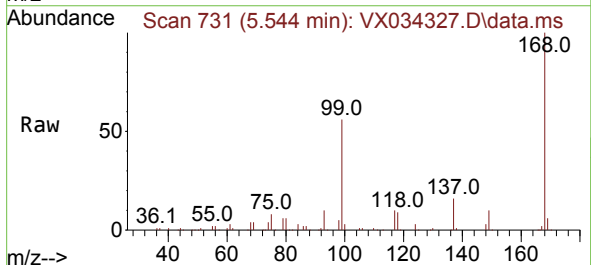
Ion	Ratio	Lower	Upper
84	100		
49	90.7	101.1	151.7#
51	27.7	31.0	46.6#
86	44.0	52.6	79.0#

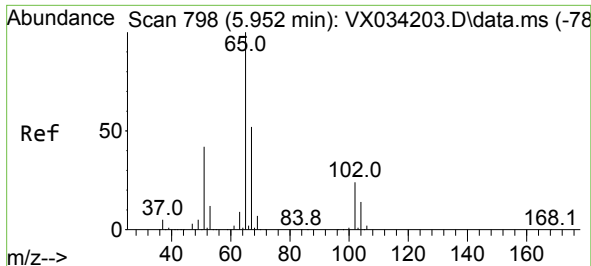


#31
Cyclohexane
Concen: 1.112 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

Tgt Ion: 56 Resp: 5957

Ion	Ratio	Lower	Upper
56	100		
69	151.1	24.6	37.0#
84	120.7	71.0	106.6#

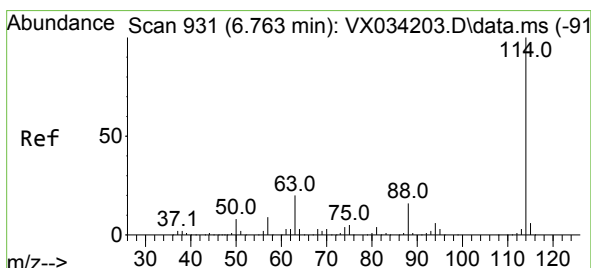
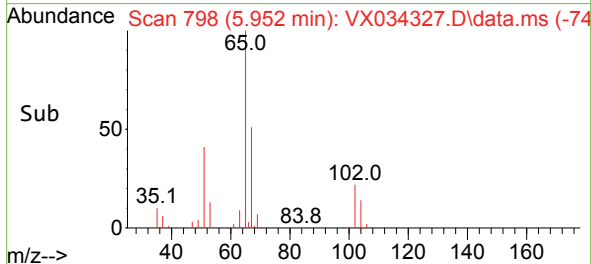
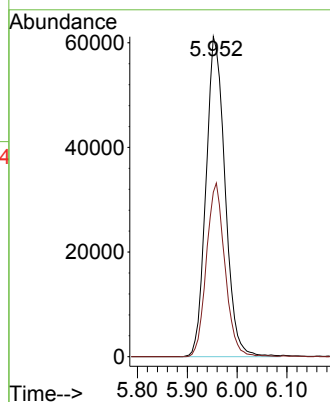
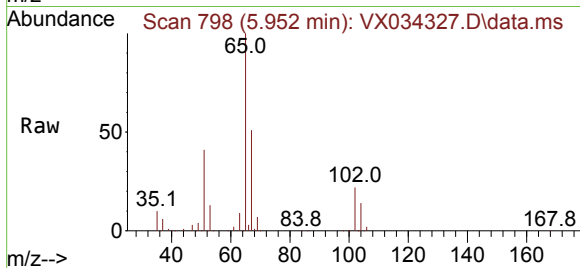




#33
1,2-Dichloroethane-d4
Concen: 45.287 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

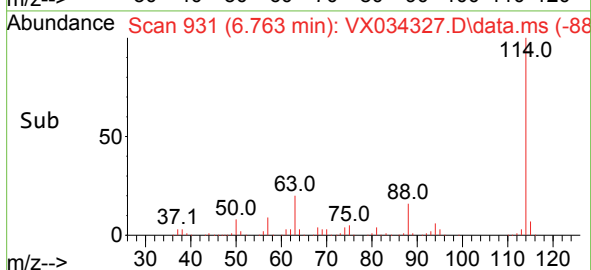
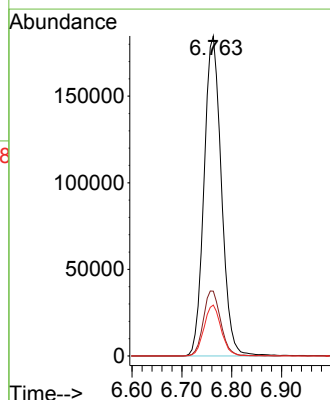
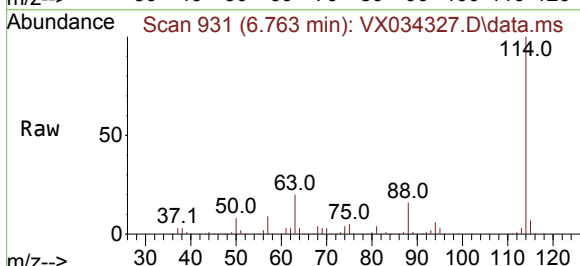
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

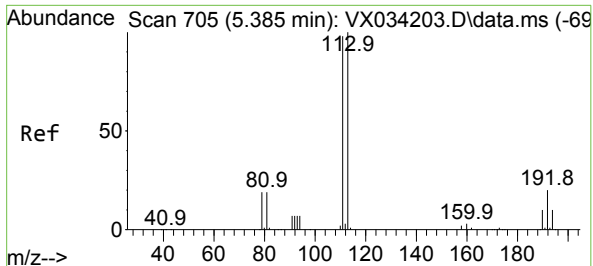
Tgt Ion: 65 Resp: 162510
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

Tgt Ion:114 Resp: 446299
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 15.9 0.0 30.6

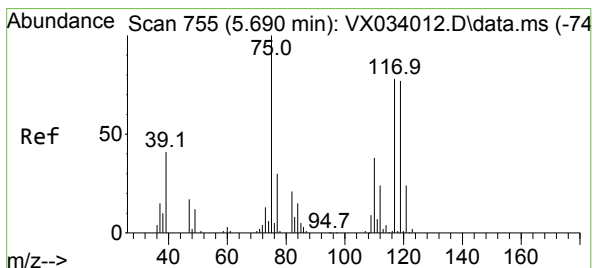
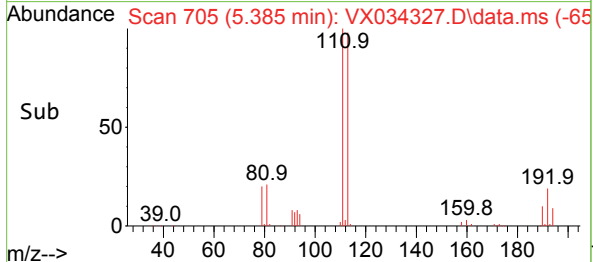
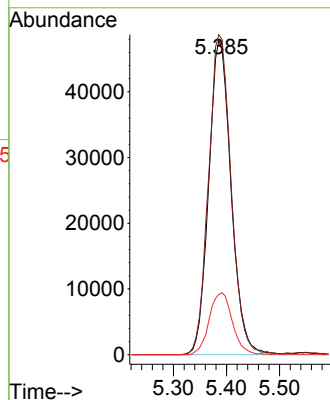
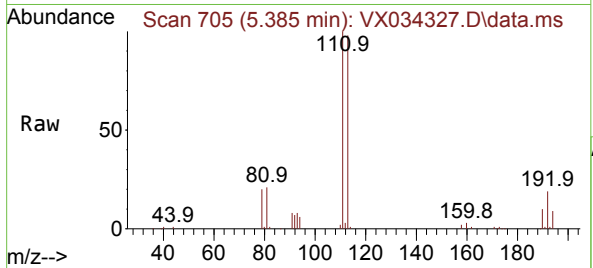




#35
Dibromofluoromethane
Concen: 48.179 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

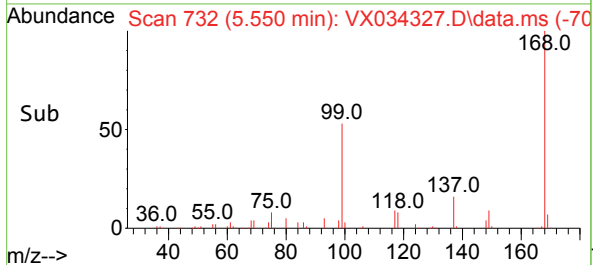
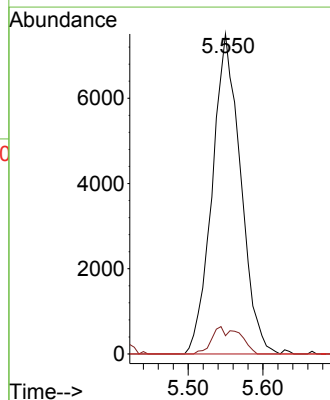
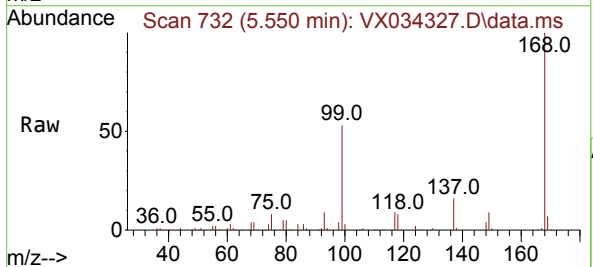
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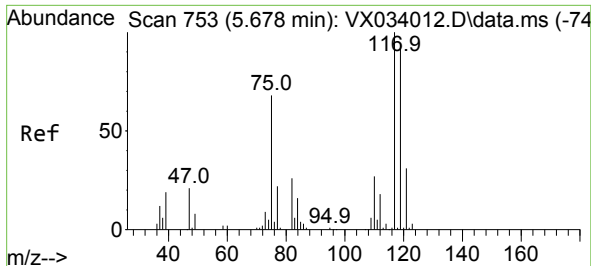
Tgt Ion:113 Resp: 140001
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.6
192 20.5 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.625 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

Tgt Ion: 75 Resp: 19874
Ion Ratio Lower Upper
75 100
110 4.2 18.8 56.4#
77 0.0 25.1 37.7#

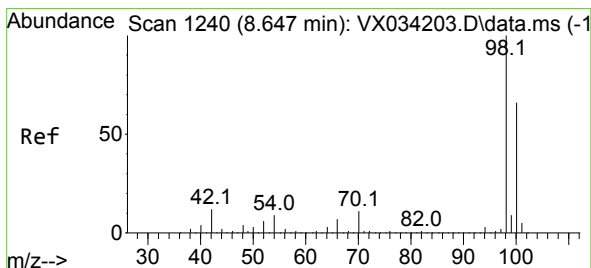
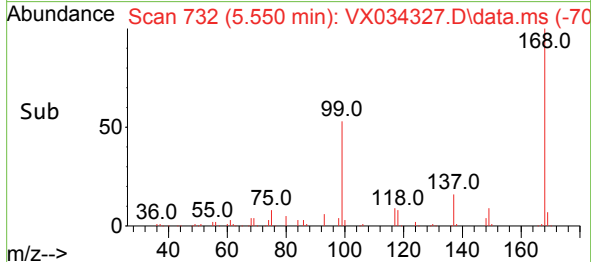
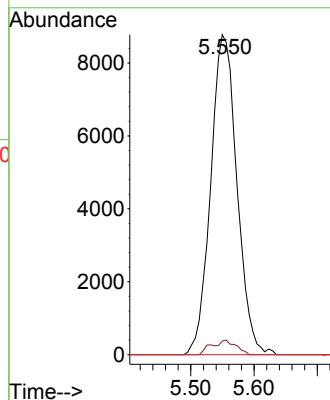
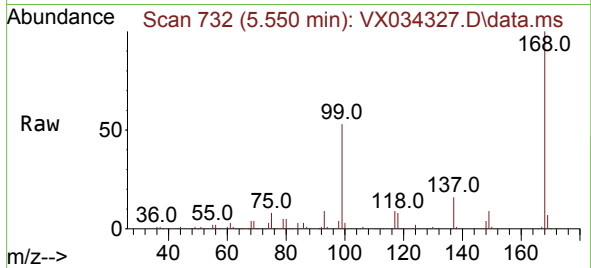




#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

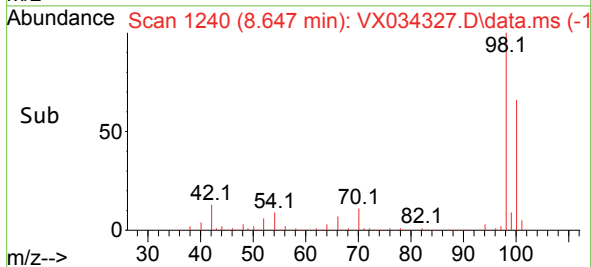
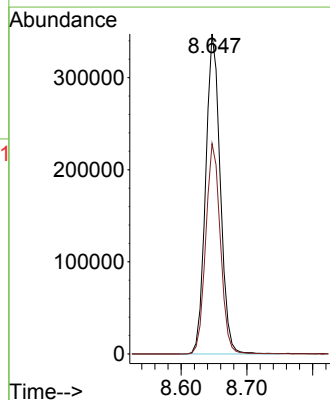
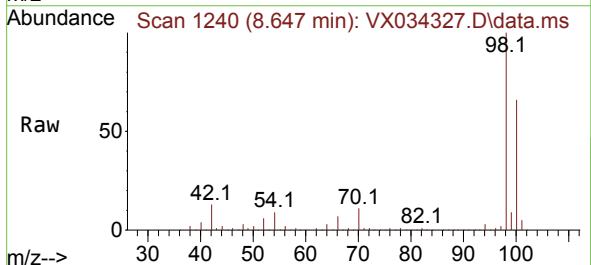
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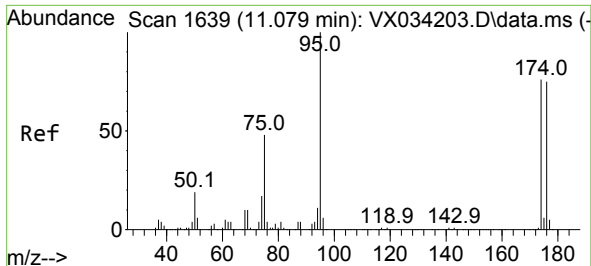
Tgt Ion:117 Resp: 25266
Ion Ratio Lower Upper
117 100
119 4.2 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.423 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

Tgt Ion: 98 Resp: 536492
Ion Ratio Lower Upper
98 100
100 65.9 53.6 80.4

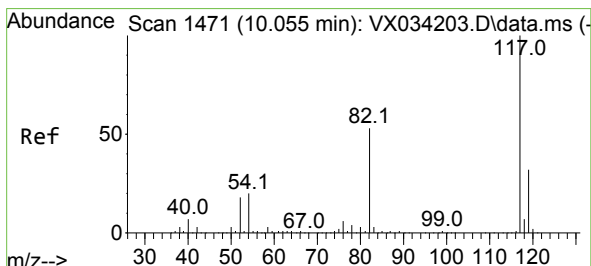
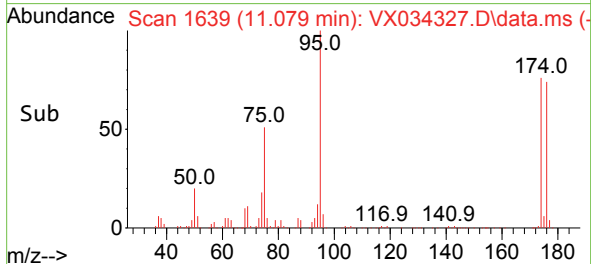
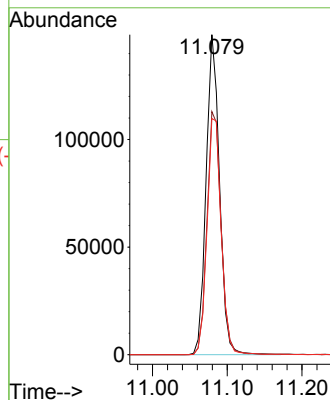
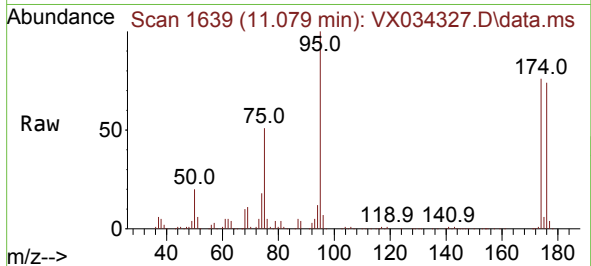




#62
4-Bromofluorobenzene
Concen: 46.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

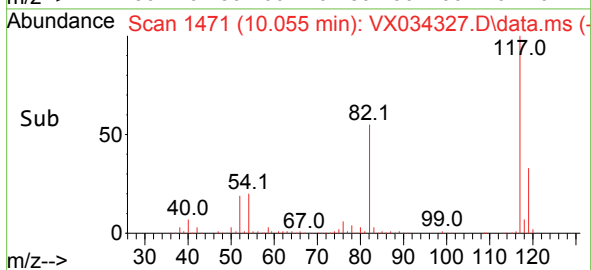
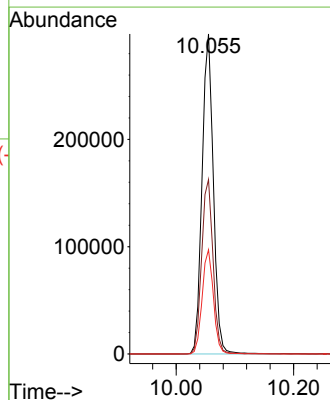
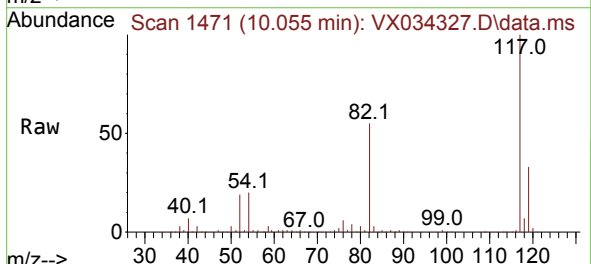
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

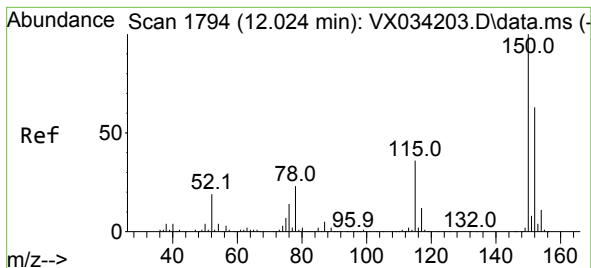
Tgt Ion: 95 Resp: 185415
Ion Ratio Lower Upper
95 100
174 79.9 0.0 184.4
176 77.8 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034327.D
Acq: 03 Mar 2023 16:58

Tgt Ion: 117 Resp: 397574
Ion Ratio Lower Upper
117 100
82 54.5 40.6 60.8
119 32.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034327.D

Acq: 03 Mar 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

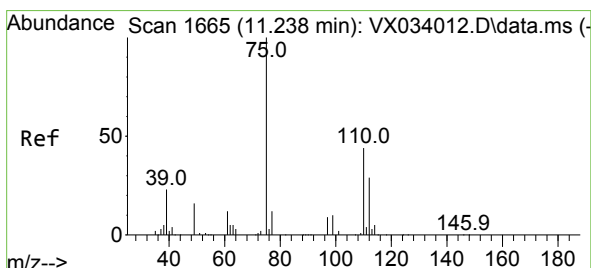
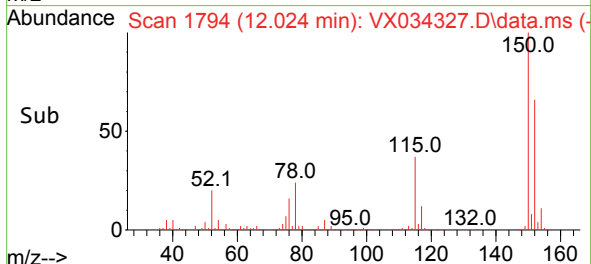
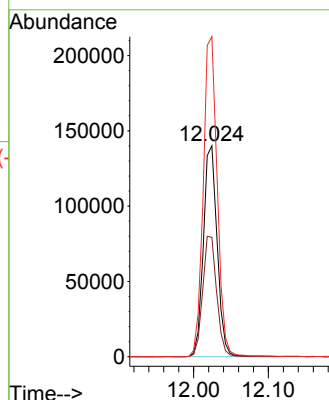
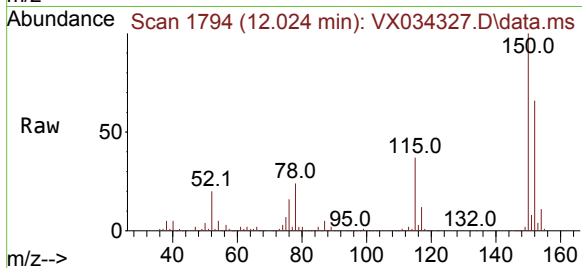
Tgt Ion:152 Resp: 179638

Ion Ratio Lower Upper

152 100

115 57.8 38.7 116.1

150 153.7 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 20.595 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034327.D

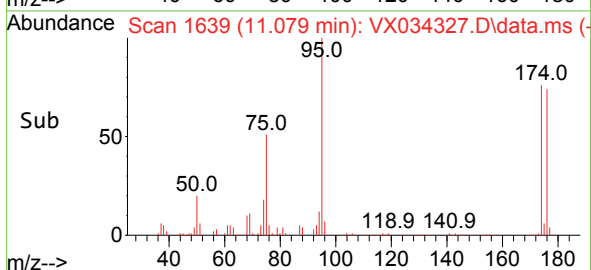
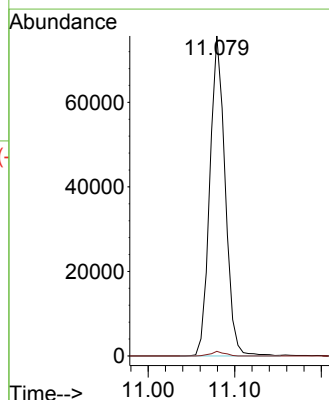
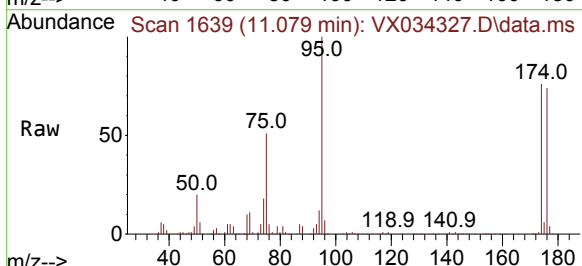
Acq: 03 Mar 2023 16:58

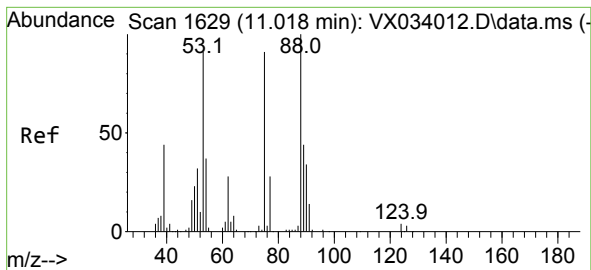
Tgt Ion: 75 Resp: 93092

Ion Ratio Lower Upper

75 100

77 1.3 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.906 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034327.D
 Acq: 03 Mar 2023 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 93092
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

