

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036029.D
 Acq On : 06 Jun 2023 13:51
 Operator : JC/MD
 Sample : 02991-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C20

Quant Time: Jun 07 05:54:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

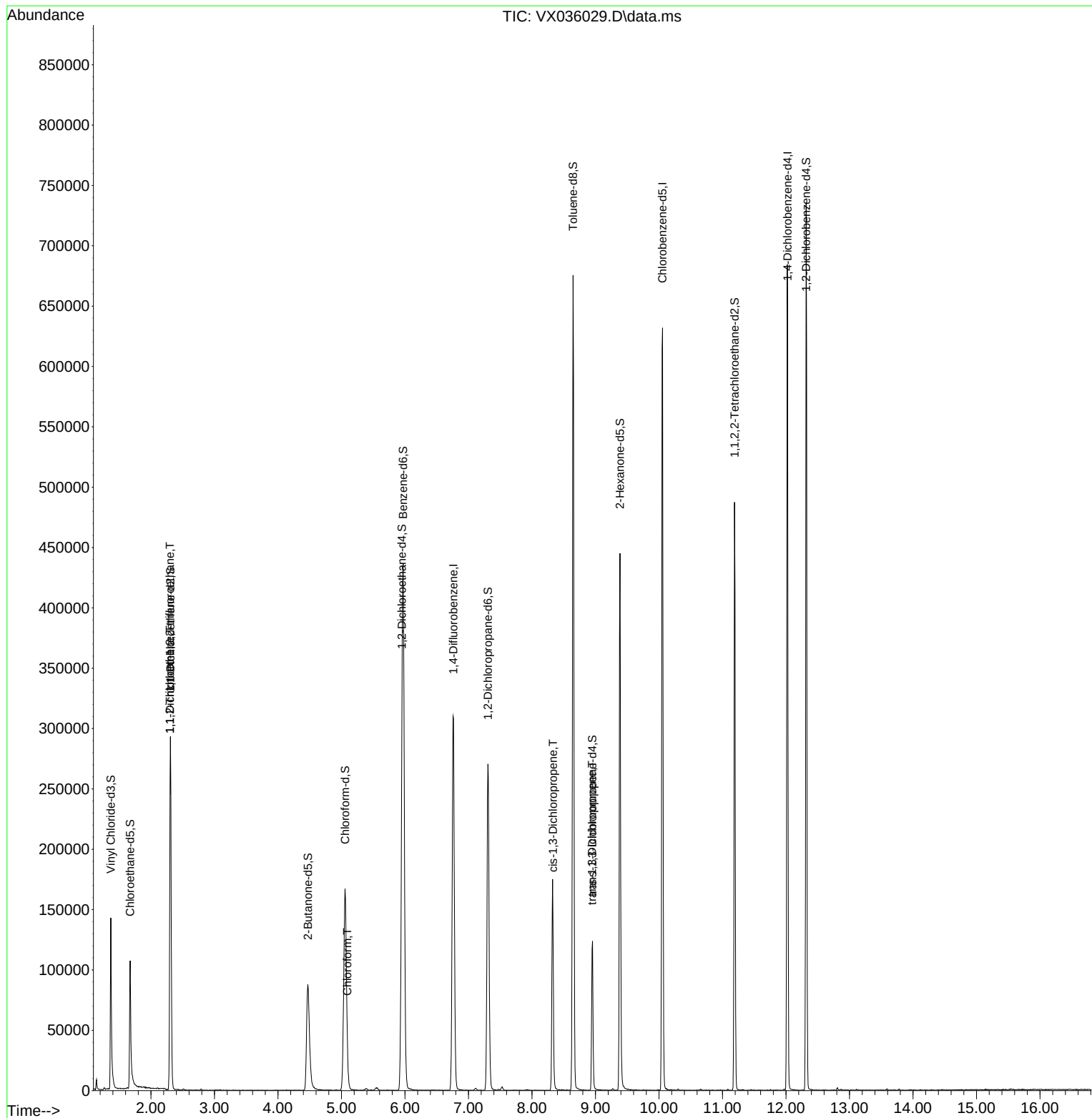
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	294631	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	269913	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127219	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	106563	53.235	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 106.460%		
7) Chloroethane-d5	1.673	69	82781	53.921	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 107.840%		
11) 1,1-Dichloroethene-d2	2.307	65	53119	52.338	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 104.680%		
21) 2-Butanone-d5	4.471	46	179258	109.252	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 109.250%		
24) Chloroform-d	5.056	84	207847	49.794	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 99.580%		
26) 1,2-Dichloroethane-d4	5.952	65	158352	51.989	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 103.980%		
32) Benzene-d6	5.971	84	414597	51.061	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 102.120%		
36) 1,2-Dichloropropane-d6	7.306	67	128850	51.055	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 102.100%		
41) Toluene-d8	8.647	98	377106	50.461	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 100.920%		
43) trans-1,3-Dichloroprop...	8.952	79	57054	47.095	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 94.200%		
47) 2-Hexanone-d5	9.385	63	122696	109.180	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 109.180%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	174628	50.658	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 101.320%		
66) 1,2-Dichlorobenzene-d4	12.317	152	129888	52.587	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 105.180%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.301	101	1664	0.740	ug/L #	24
12) 1,1-Dichloroethene	2.301	96	1311	0.670	ug/L #	1
25) Chloroform	5.093	83	6080	1.337	ug/L	98
39) cis-1,3-Dichloropropene	8.330	75	4471	1.212	ug/L	93
44) trans-1,3-Dichloropropene	8.946	75	2942	0.852	ug/L #	78

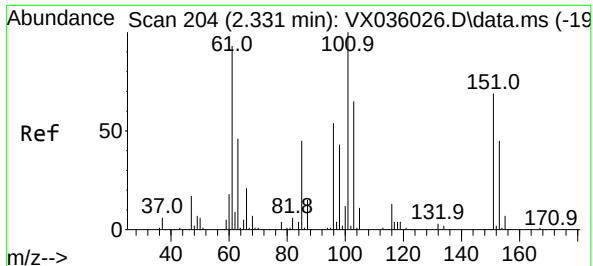
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.740 ug/L

RT: 2.301 min Scan# 199

Delta R.T. -0.030 min

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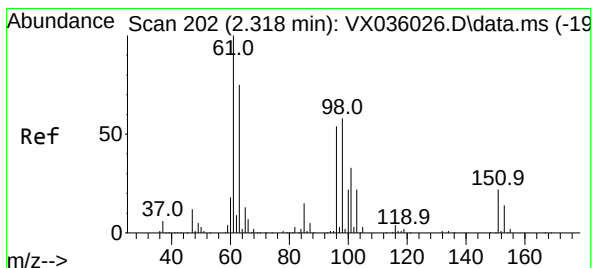
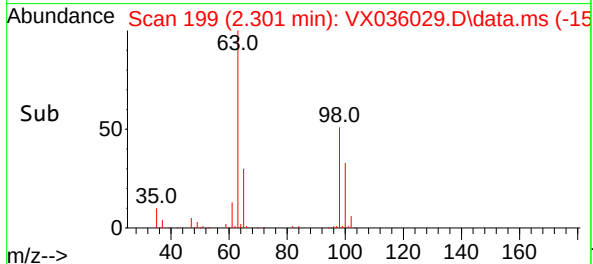
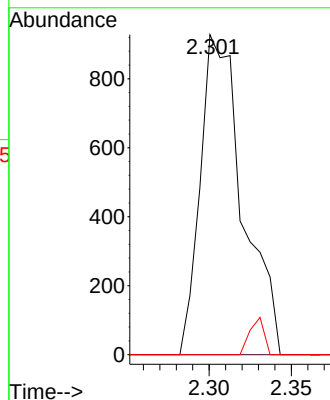
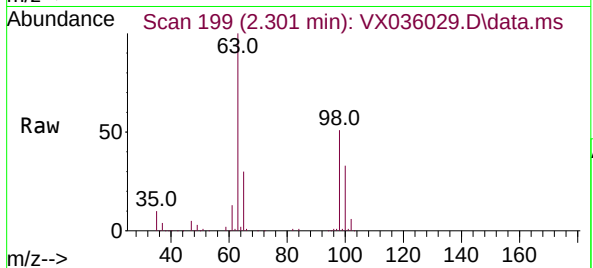
Tgt Ion:101 Resp: 1664

Ion Ratio Lower Upper

101 100

85 0.0 36.6 55.0#

151 4.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.670 ug/L

RT: 2.301 min Scan# 199

Delta R.T. -0.018 min

Lab File: VX036029.D

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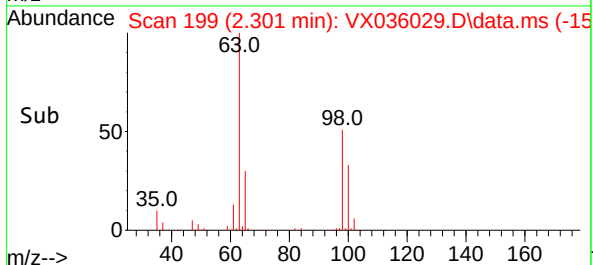
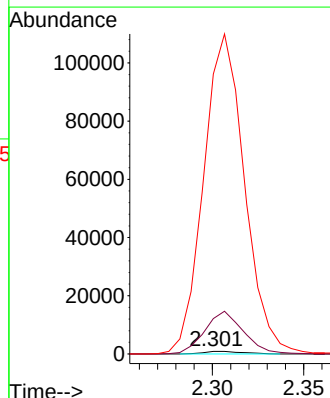
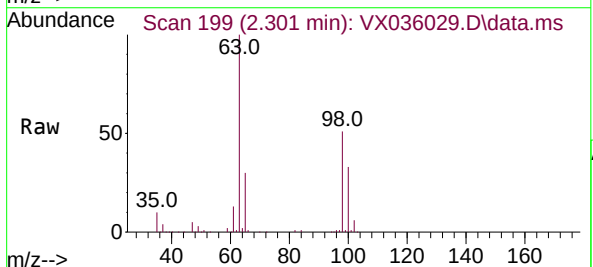
Tgt Ion: 96 Resp: 1311

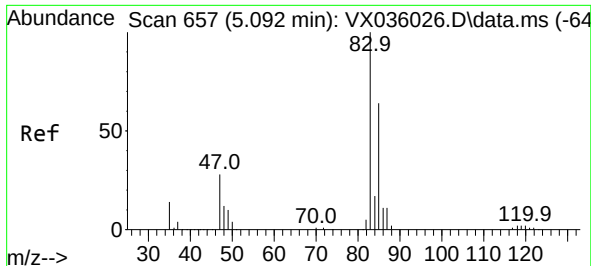
Ion Ratio Lower Upper

96 100

61 1359.4 132.5 246.1#

63 10745.0 95.1 176.7#

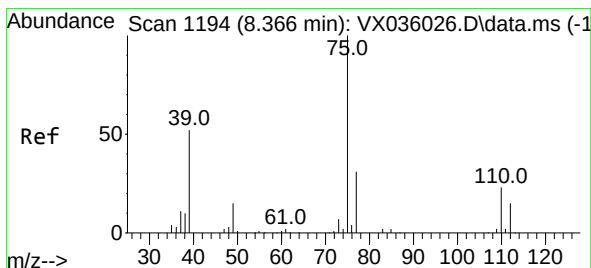
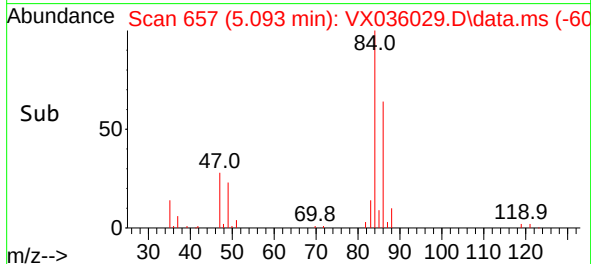
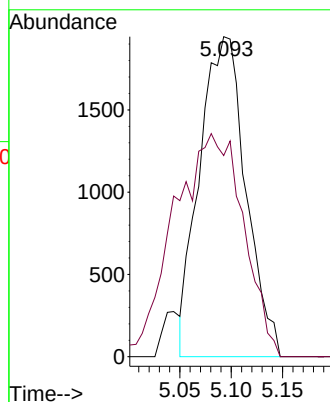
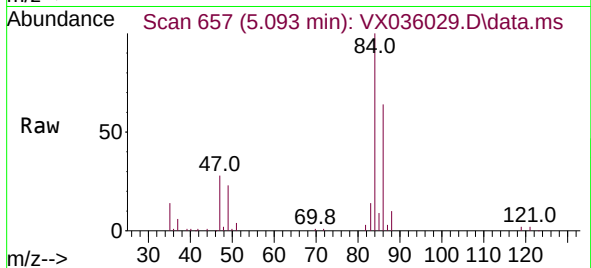




#25
Chloroform
Concen: 1.337 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
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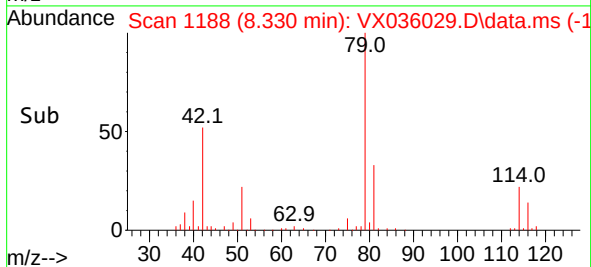
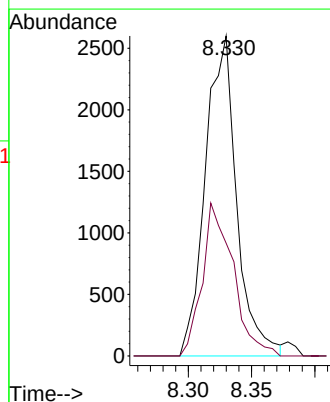
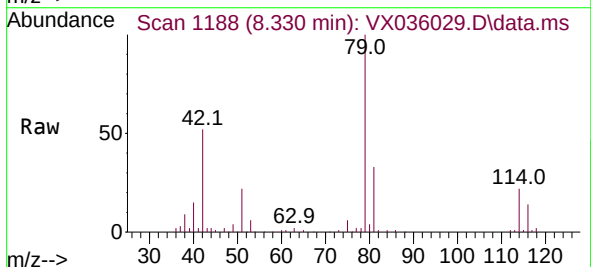
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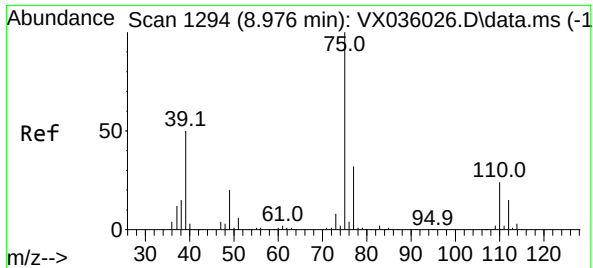
Tgt Ion: 83 Resp: 6080
Ion Ratio Lower Upper
83 100
85 62.9 45.0 83.6



#39
cis-1,3-Dichloropropene
Concen: 1.212 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.036 min
Lab File: VX036029.D
Acq: 06 Jun 2023 13:51

Tgt Ion: 75 Resp: 4471
Ion Ratio Lower Upper
75 100
77 35.3 21.9 40.7





#44
 trans-1,3-Dichloropropene
 Concen: 0.852 ug/L
 RT: 8.946 min Scan# 11
 Delta R.T. -0.030 min
 Lab File: VX036029.D
 Acq: 06 Jun 2023 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C20

Tgt Ion: 75 Resp: 2942
 Ion Ratio Lower Upper
 75 100
 77 43.6 22.0 41.0#

