

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036042.D
 Acq On : 06 Jun 2023 18:55
 Operator : JC/MD
 Sample : 02992-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C17

Quant Time: Jun 07 05:58:05 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)

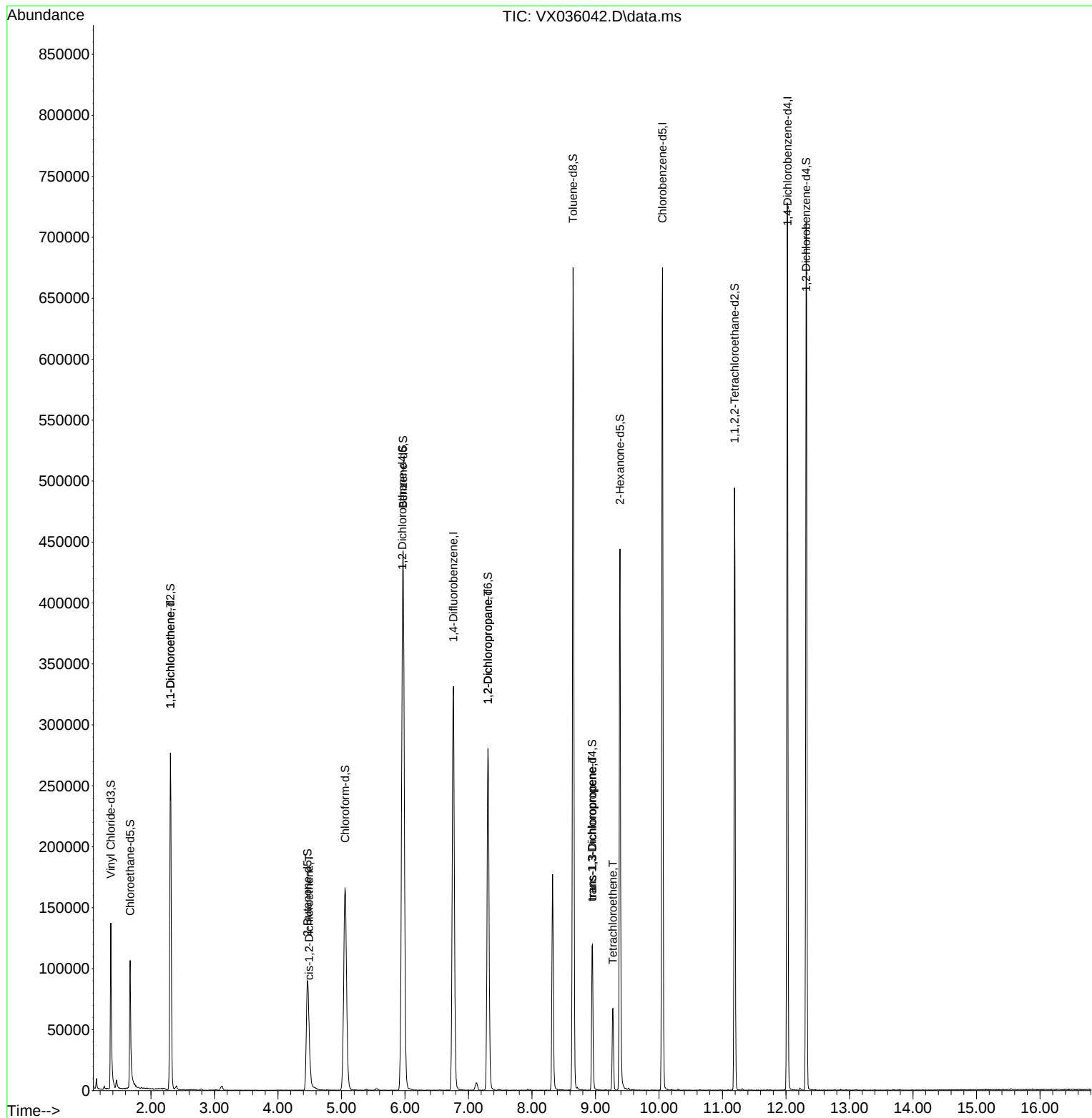
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	322886	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	287660	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	138486	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	101819	46.414	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.820%
7) Chloroethane-d5	1.673	69	79085	47.006	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.020%
11) 1,1-Dichloroethene-d2	2.307	65	51018	45.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.740%
21) 2-Butanone-d5	4.465	46	171687	95.481	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.480%
24) Chloroform-d	5.056	84	211303	46.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.380%
26) 1,2-Dichloroethane-d4	5.958	65	160518	48.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.180%
32) Benzene-d6	5.971	84	419039	48.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
36) 1,2-Dichloropropane-d6	7.306	67	130614	48.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	8.647	98	370934	46.573	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.140%
43) trans-1,3-Dichloroprop...	8.946	79	55246	42.789	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.580%
47) 2-Hexanone-d5	9.385	63	121423	101.381	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.380%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	177200	48.232	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.460%
66) 1,2-Dichlorobenzene-d4	12.317	152	134809	50.139	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.280%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.307	96	1218	0.568	ug/L #	1
20) cis-1,2-Dichloroethene	4.489	96	3264	1.238	ug/L	76
37) 1,2-Dichloropropane	7.306	63	16396	6.519	ug/L #	87
44) trans-1,3-Dichloropropene	8.952	75	2930	0.796	ug/L	92
46) Tetrachloroethene	9.275	164	11715	6.490	ug/L	91

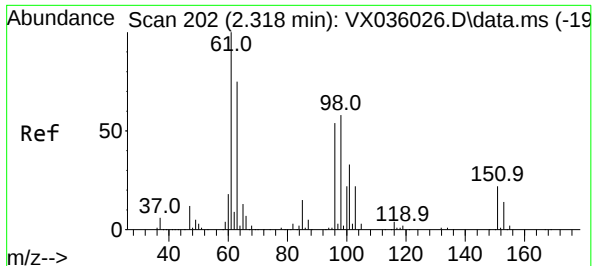
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 07 05:37:48 2023
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#12

1,1-Dichloroethene

Concen: 0.568 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX036042.D

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Instrument :

MSVOA_X

ClientSampleId :

F6C17

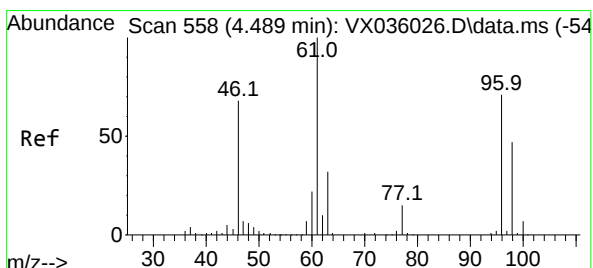
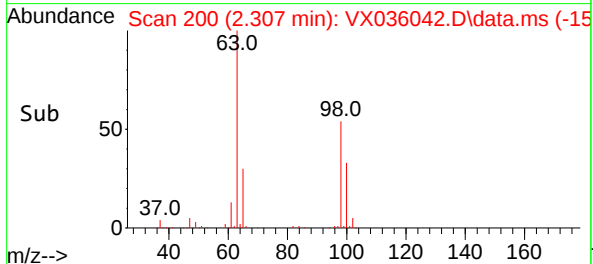
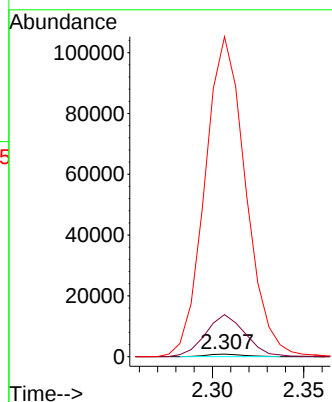
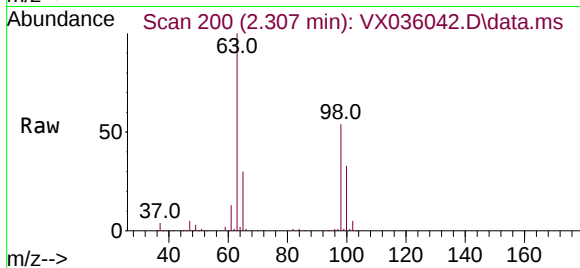
Tgt Ion: 96 Resp: 1218

Ion Ratio Lower Upper

96 100

61 1620.7 132.5 246.1#

63 12310.6 95.1 176.7#



#20

cis-1,2-Dichloroethene

Concen: 1.238 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

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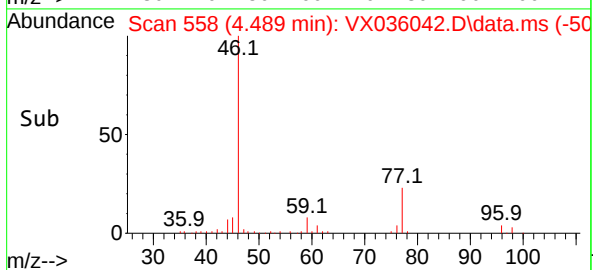
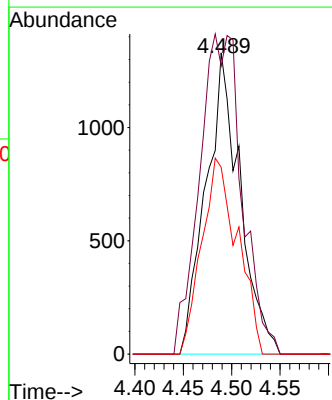
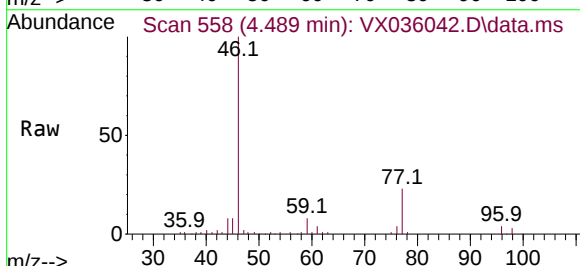
Tgt Ion: 96 Resp: 3264

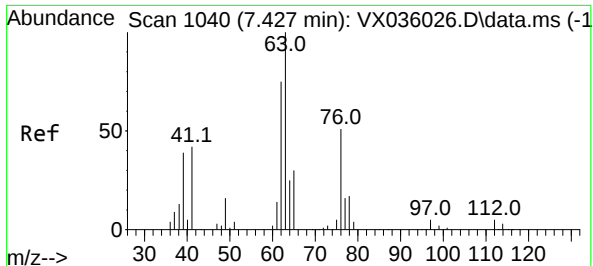
Ion Ratio Lower Upper

96 100

61 95.6 94.7 175.9

98 62.0 45.4 84.4





#37

1,2-Dichloropropane

Concen: 6.519 ug/L

RT: 7.306 min Scan# 1

Delta R.T. -0.122 min

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Instrument :

MSVOA_X

ClientSampleId :

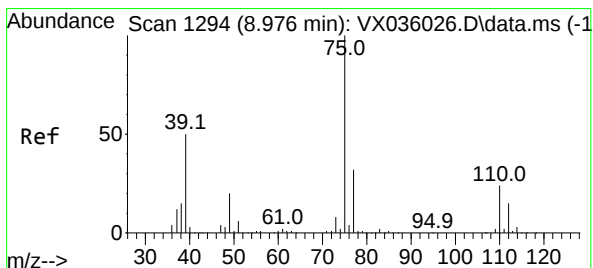
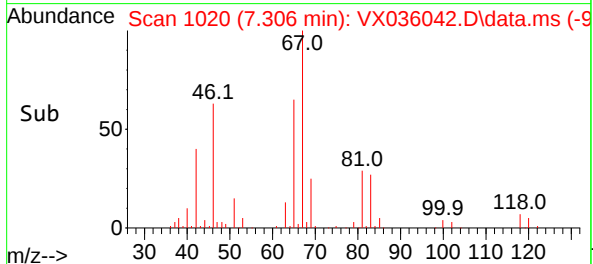
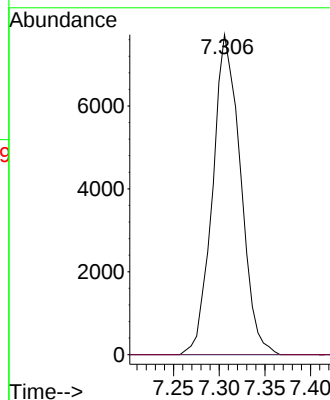
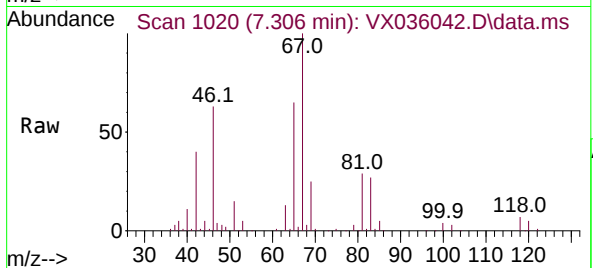
F6C17

Tgt Ion: 63 Resp: 16396

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#44

trans-1,3-Dichloropropene

Concen: 0.796 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX036042.D

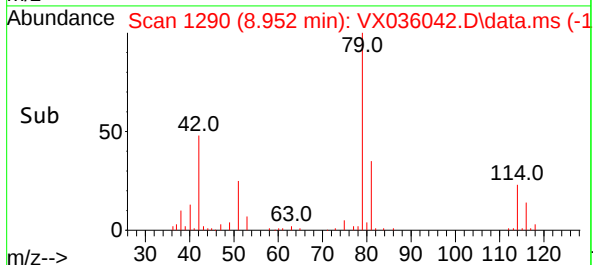
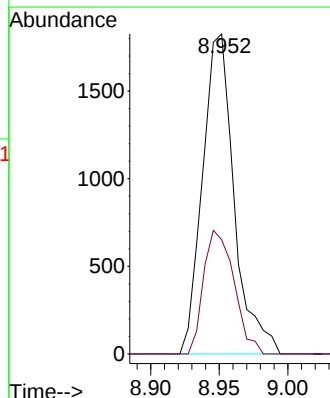
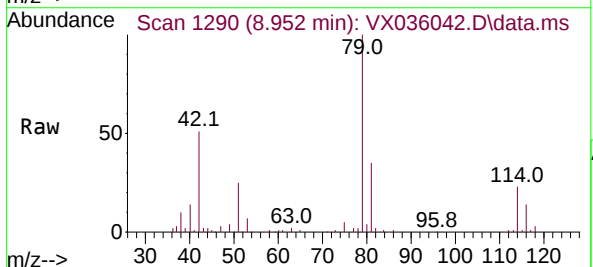
Acq: 06 Jun 2023 18:55

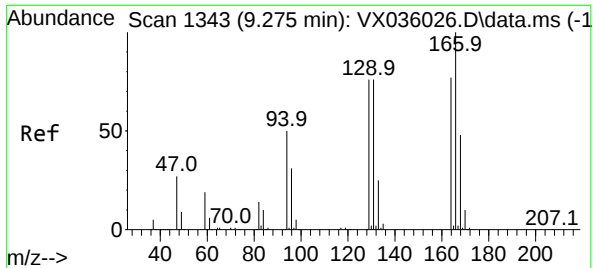
Tgt Ion: 75 Resp: 2930

Ion Ratio Lower Upper

75 100

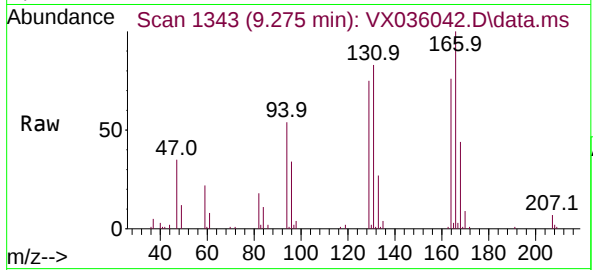
77 35.7 22.0 41.0





#46
 Tetrachloroethene
 Concen: 6.490 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036042.D
 Acq: 06 Jun 2023 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C17



Tgt Ion:	164	Resp:	11715
Ion	Ratio	Lower	Upper
164	100		
129	98.3	74.8	139.0
131	109.1	68.9	127.9
166	131.9	86.8	161.2

