

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025727.D
 Acq On : 11 Dec 2021 01:24
 Operator : JC/MD
 Sample : M4981-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0CR8

Quant Time: Dec 11 02:40:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

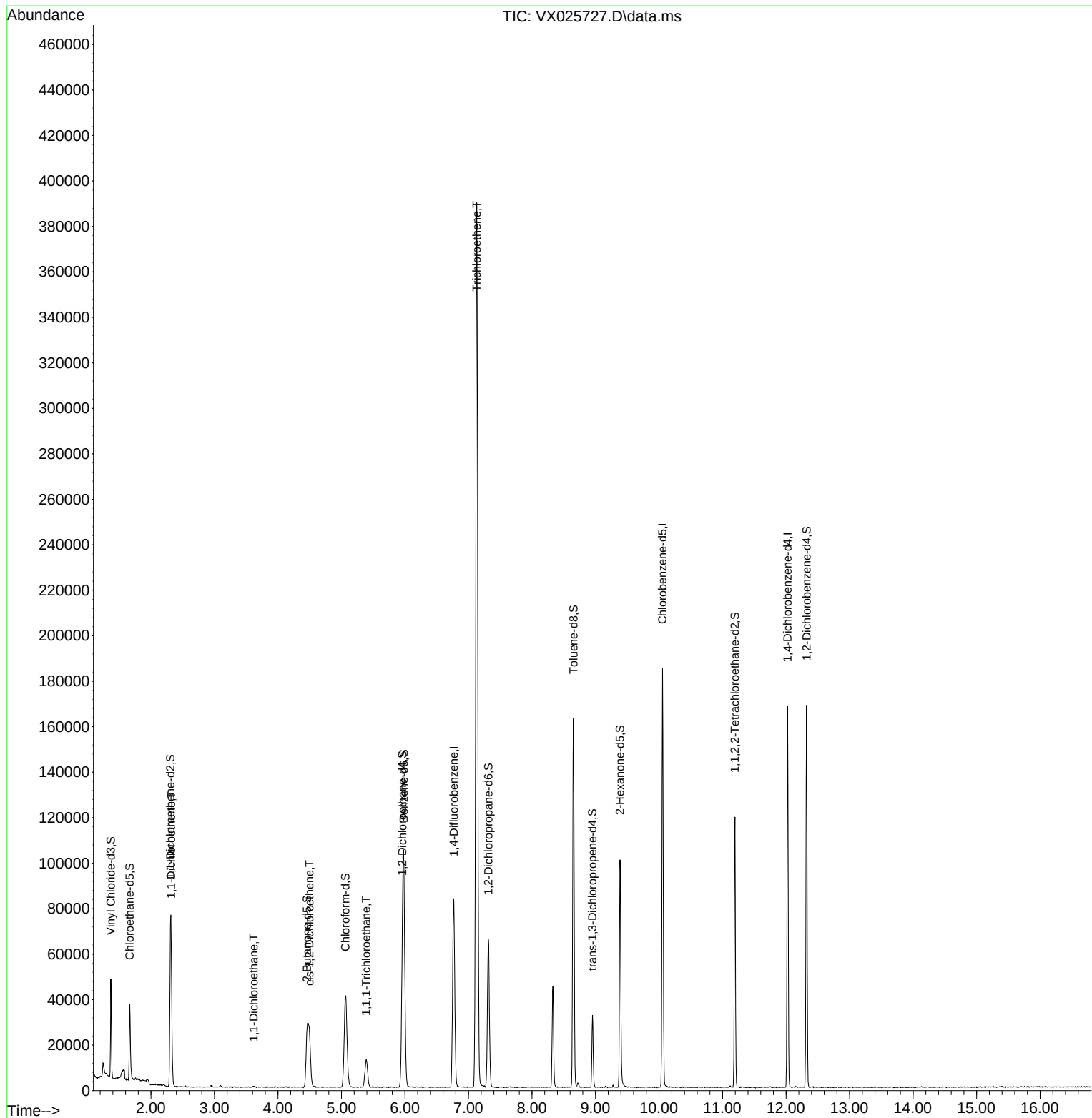
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	85984	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	81939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	34496	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	24377	41.542	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.080%		
7) Chloroethane-d5	1.666	69	21476	44.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.680%		
11) 1,1-Dichloroethene-d2	2.306	63	40654	43.451	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.900%		
21) 2-Butanone-d5	4.458	46	42024	96.206	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.210%		
24) Chloroform-d	5.062	84	51145	49.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.740%		
26) 1,2-Dichloroethane-d4	5.958	65	34000	53.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.380%		
32) Benzene-d6	5.982	84	102416	47.161	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.320%		
36) 1,2-Dichloropropane-d6	7.311	67	31383	46.676	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.360%		
41) Toluene-d8	8.652	98	94464	46.085	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.160%		
43) trans-1,3-Dichloroprop...	8.951	79	14496	42.883	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.760%		
47) 2-Hexanone-d5	9.384	63	29370	83.916	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.920%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	44391	46.716	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.440%		
66) 1,2-Dichlorobenzene-d4	12.323	152	32681	48.303	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.600%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.318	96	8065	17.467	ug/L #	4
19) 1,1-Dichloroethane	3.617	63	710	0.798	ug/L #	87
20) cis-1,2-Dichloroethene	4.495	96	12891	22.006	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	12146	13.428	ug/L	97
34) Trichloroethene	7.128	95	143518	249.272	ug/L	94

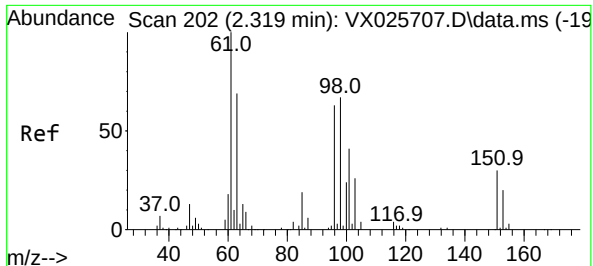
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 17.467 ug/L

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025727.D

Acq: 11 Dec 2021 01:24

Instrument :

MSVOA_X

ClientSampleId :

C0CR8

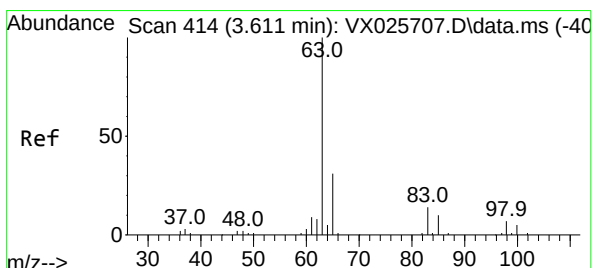
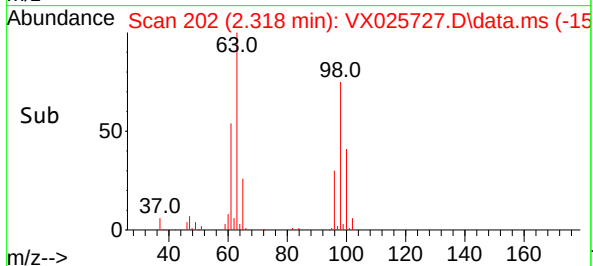
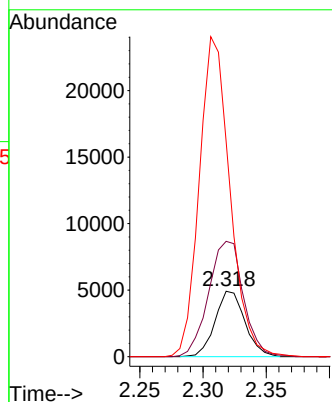
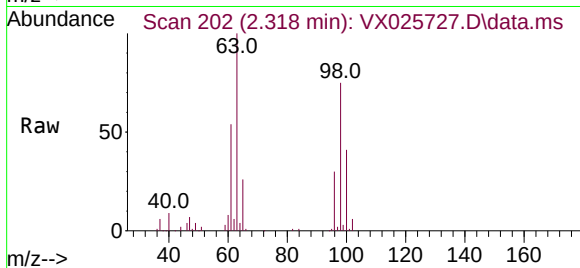
Tgt Ion: 96 Resp: 8065

Ion Ratio Lower Upper

96 100

61 176.4 108.7 201.9

63 329.1 76.3 141.7#



#19

1,1-Dichloroethane

Concen: 0.798 ug/L

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX025727.D

Acq: 11 Dec 2021 01:24

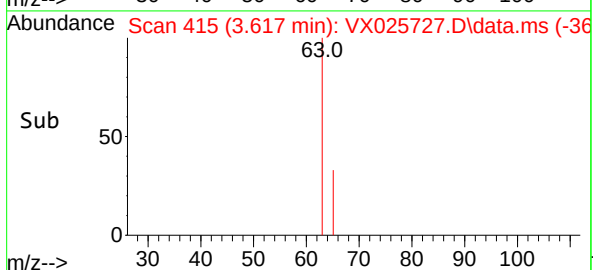
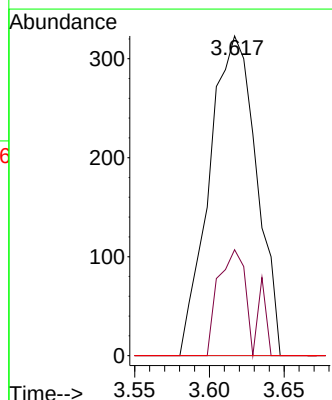
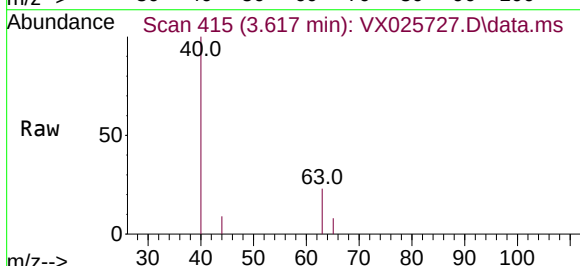
Tgt Ion: 63 Resp: 710

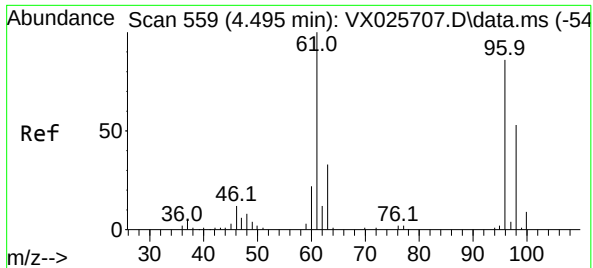
Ion Ratio Lower Upper

63 100

65 33.1 22.2 41.2

83 0.0 10.2 19.0#

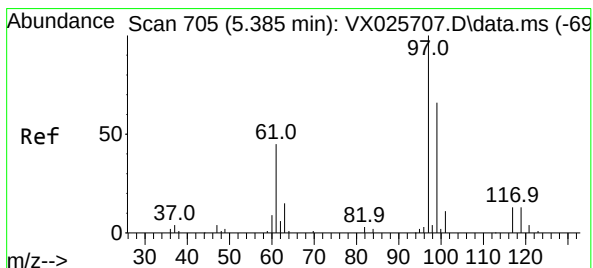
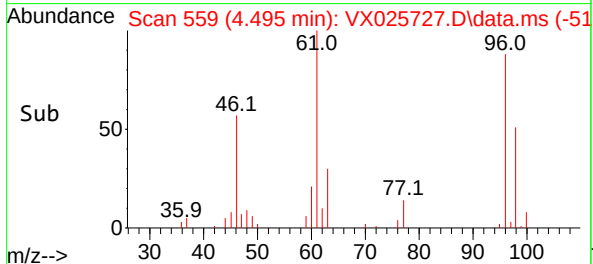
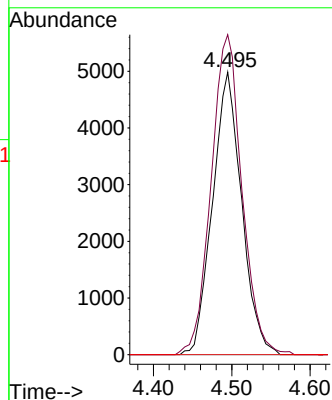
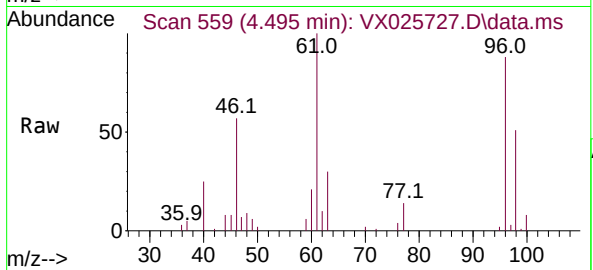




#20
 cis-1,2-Dichloroethene
 Concen: 22.006 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX025727.D
 Acq: 11 Dec 2021 01:24

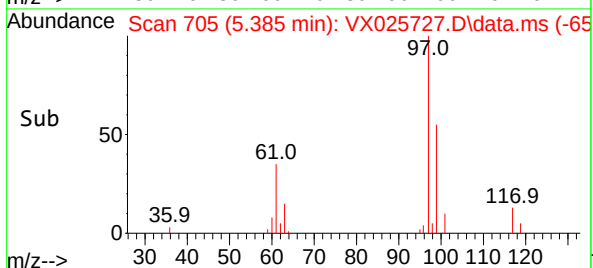
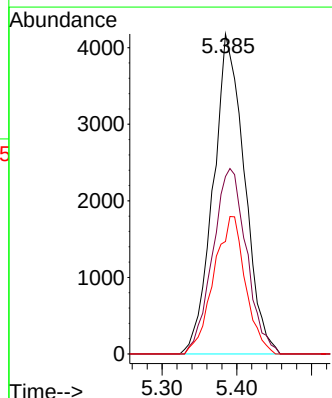
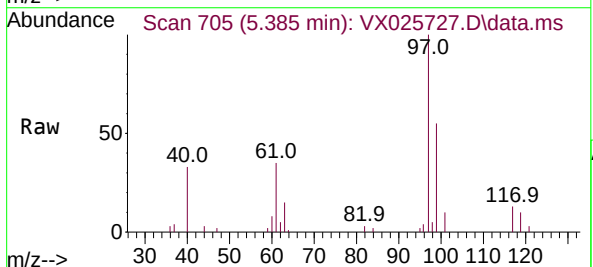
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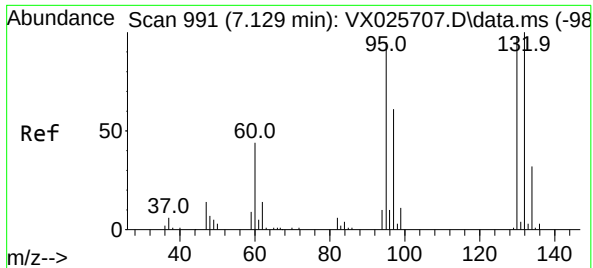
Tgt Ion: 96 Resp: 12891
 Ion Ratio Lower Upper
 96 100
 61 113.2 82.3 152.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 13.428 ug/L
 RT: 5.385 min Scan# 705
 Delta R.T. -0.001 min
 Lab File: VX025727.D
 Acq: 11 Dec 2021 01:24

Tgt Ion: 97 Resp: 12146
 Ion Ratio Lower Upper
 97 100
 99 62.7 51.5 77.3
 61 43.7 33.1 49.7





#34
 Trichloroethene
 Concen: 249.272 ug/L
 RT: 7.128 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX025727.D
 Acq: 11 Dec 2021 01:24

Instrument :
 MSVOA_X
 ClientSampleId :
 C0CR8

Tgt Ion: 95 Resp: 143518
 Ion Ratio Lower Upper
 95 100
 97 63.9 46.0 85.4
 132 98.8 75.0 139.2
 130 104.4 77.9 144.7

