

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039284.D
 Acq On : 16 Dec 2023 12:48
 Operator : JC/MD
 Sample : 05845-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHD8DL

Quant Time: Dec 16 21:11:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

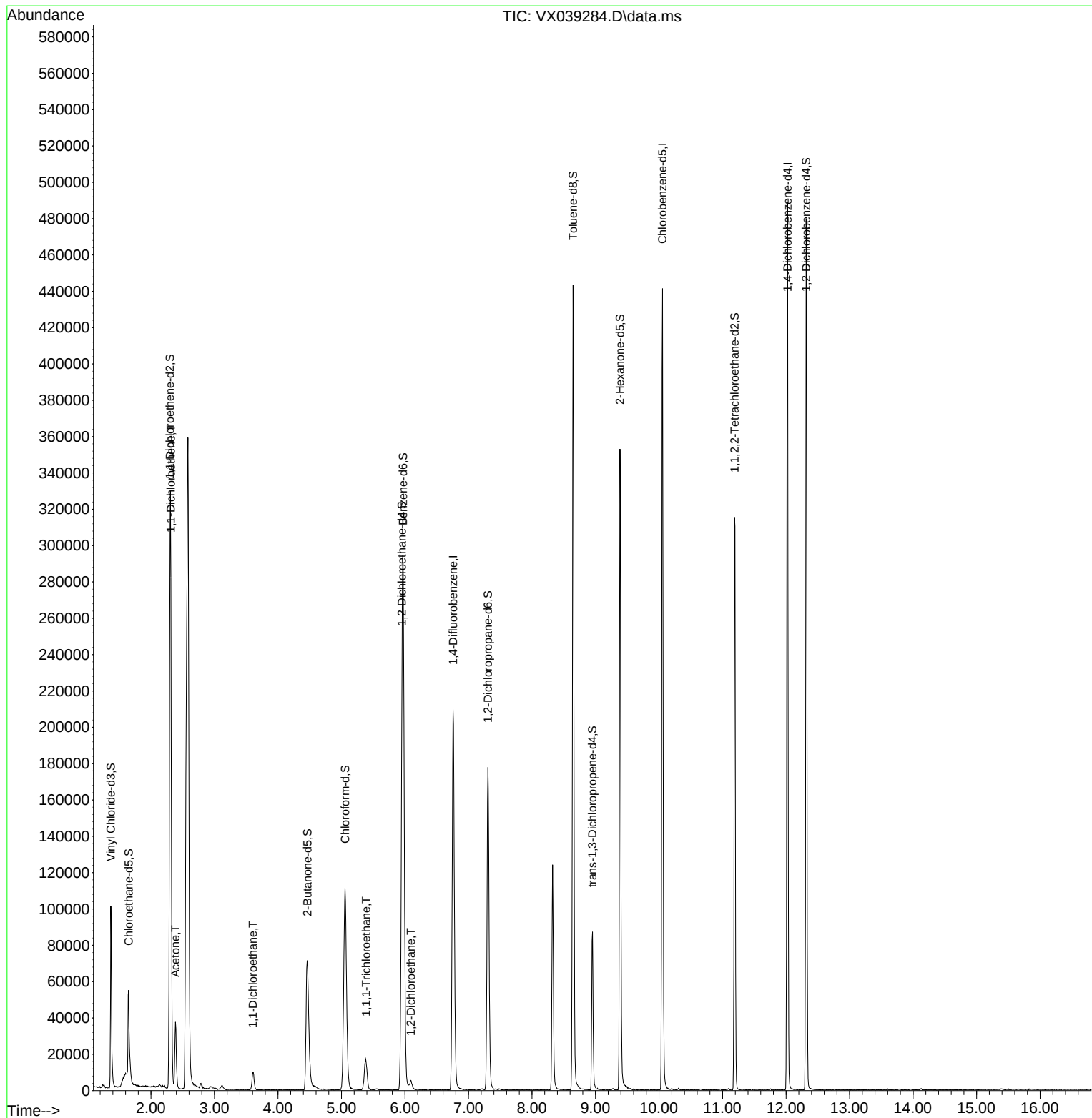
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	202796	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	188575	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93745	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	70316	44.207	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.420%		
7) Chloroethane-d5	1.648	69	32117	27.317	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	54.640%#		
11) 1,1-Dichloroethene-d2	2.300	65	34440	49.325	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.660%		
21) 2-Butanone-d5	4.465	46	137352	95.395	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.390%		
24) Chloroform-d	5.056	84	134788	47.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.740%		
26) 1,2-Dichloroethane-d4	5.952	65	96318	52.818	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.640%		
32) Benzene-d6	5.970	84	281709	48.405	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.820%		
36) 1,2-Dichloropropane-d6	7.305	67	90292	48.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.420%		
41) Toluene-d8	8.647	98	249539	47.314	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.620%		
43) trans-1,3-Dichloroprop...	8.951	79	40834	42.843	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.680%		
47) 2-Hexanone-d5	9.384	63	102549	91.673	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.670%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128202	48.252	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.500%		
66) 1,2-Dichlorobenzene-d4	12.317	152	87913	49.614	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.220%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.312	96	67631	51.768	ug/L	88
13) Acetone	2.386	43	39991	28.912	ug/L	95
19) 1,1-Dichloroethane	3.605	63	11101	4.079	ug/L	96
27) 1,2-Dichloroethane	6.092	62	4738	2.211	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	15882	6.941	ug/L	98

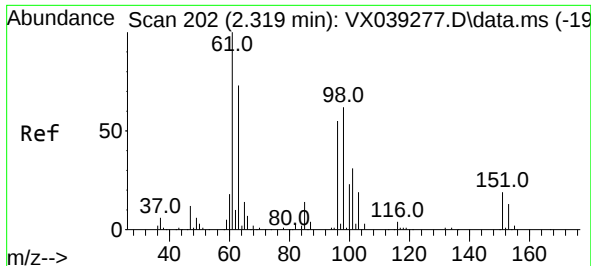
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 51.768 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX039284.D

Acq: 16 Dec 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

YCHD8DL

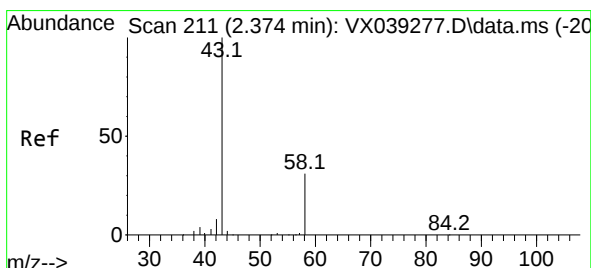
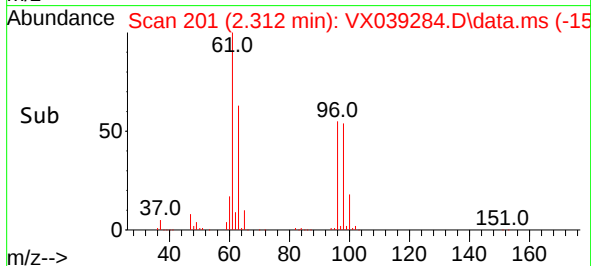
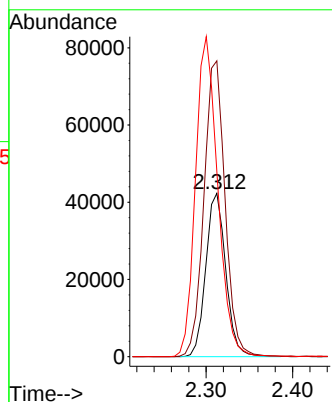
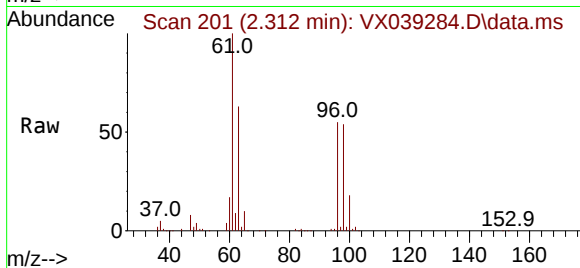
Tgt Ion: 96 Resp: 67631

Ion Ratio Lower Upper

96 100

61 181.1 128.0 237.6

63 113.4 101.5 188.5



#13

Acetone

Concen: 28.912 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX039284.D

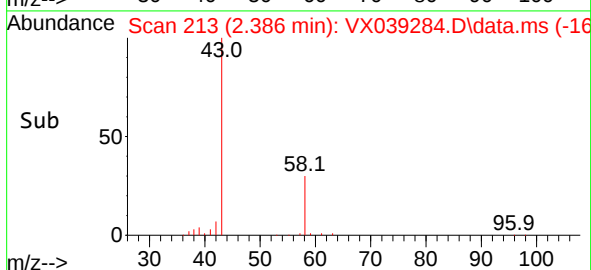
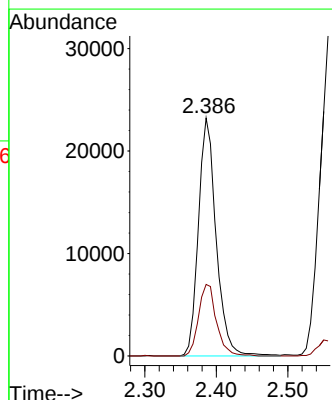
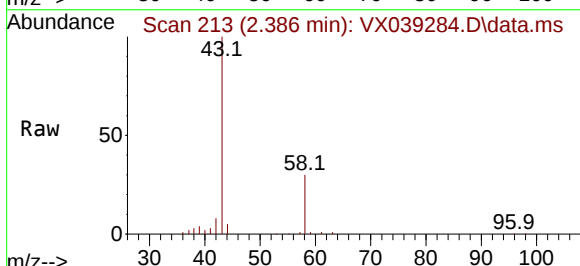
Acq: 16 Dec 2023 12:48

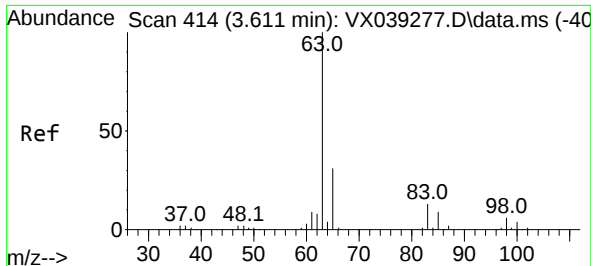
Tgt Ion: 43 Resp: 39991

Ion Ratio Lower Upper

43 100

58 30.3 0.0 65.8





#19

1,1-Dichloroethane

Concen: 4.079 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039284.D

Acq: 16 Dec 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

YCHD8DL

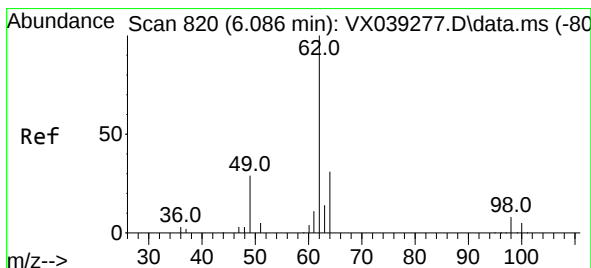
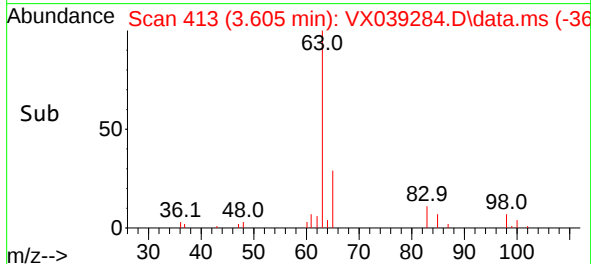
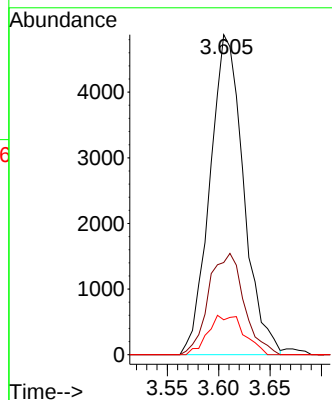
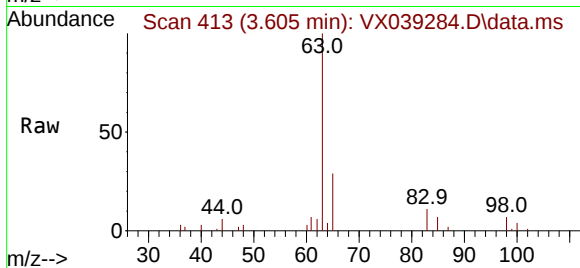
Tgt Ion: 63 Resp: 11101

Ion Ratio Lower Upper

63 100

65 28.8 21.1 39.3

83 10.9 9.7 17.9



#27

1,2-Dichloroethane

Concen: 2.211 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.012 min

Lab File: VX039284.D

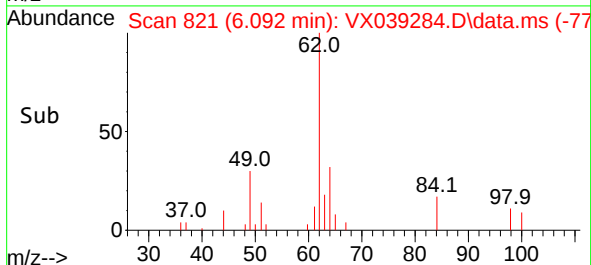
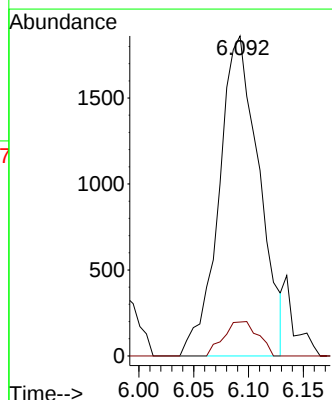
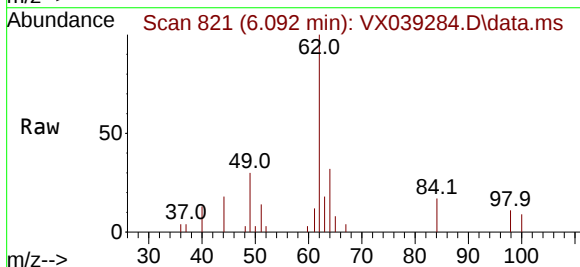
Acq: 16 Dec 2023 12:48

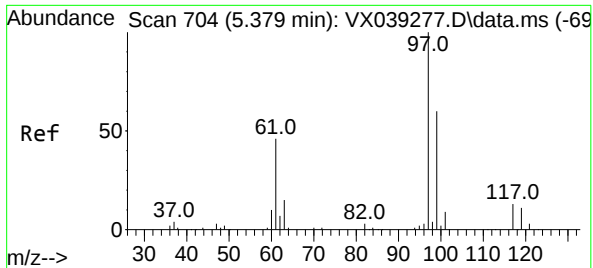
Tgt Ion: 62 Resp: 4738

Ion Ratio Lower Upper

62 100

98 10.6 8.0 12.0





#30
 1,1,1-Trichloroethane
 Concen: 6.941 ug/L
 RT: 5.385 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VX039284.D
 Acq: 16 Dec 2023 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHD8DL

Tgt Ion: 97 Resp: 15882
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.0 76.4
 61 47.8 36.7 55.1

