

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039244.D
 Acq On : 15 Dec 2023 21:25
 Operator : JC/MD
 Sample : 05844-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH2

Quant Time: Dec 16 05:06:58 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)

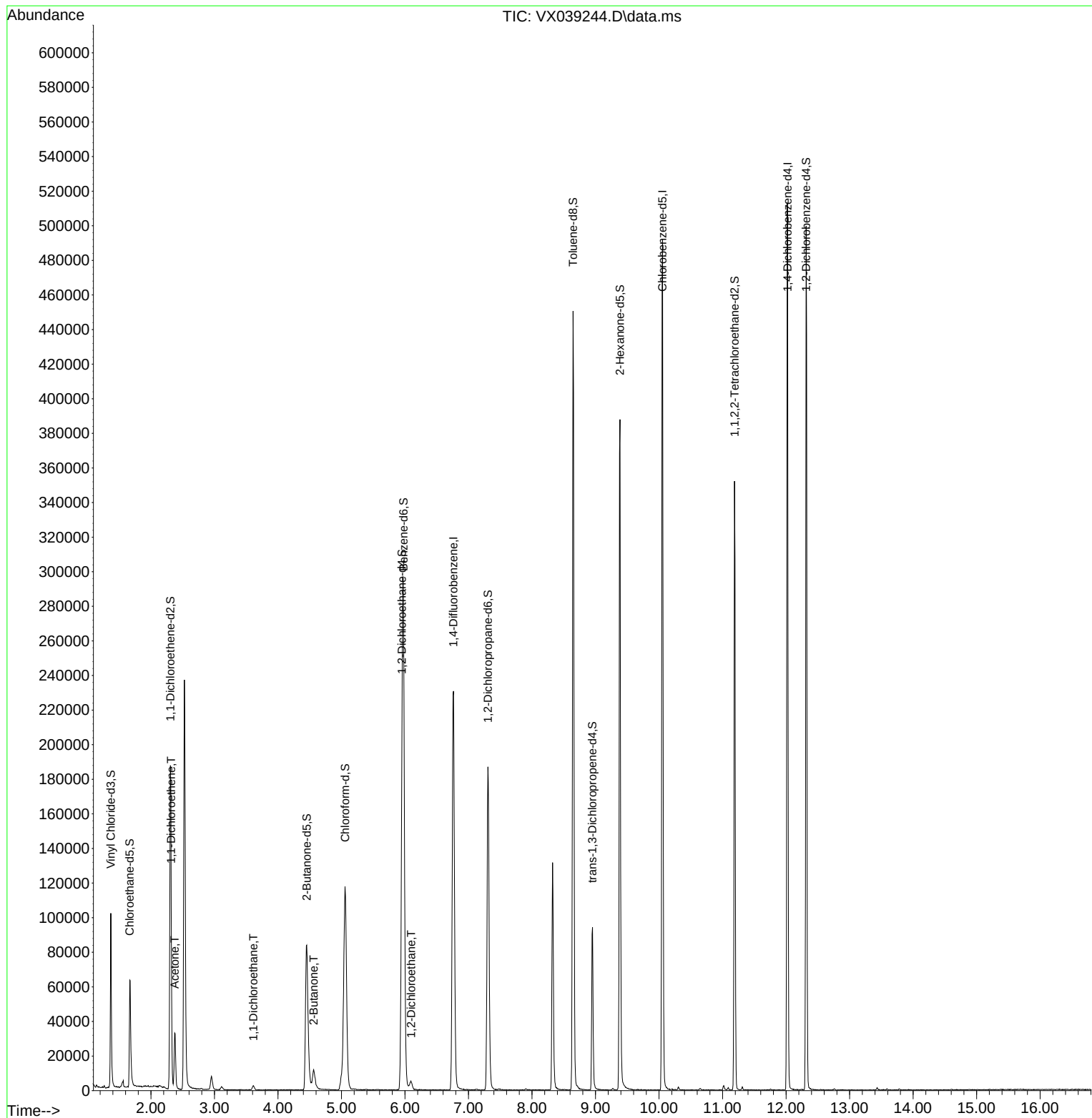
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	228724	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	211530	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97867	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	63396	35.338	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.680%
7) Chloroethane-d5	1.666	69	49430	37.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.560%
11) 1,1-Dichloroethene-d2	2.306	65	33288	42.271	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.540%
21) 2-Butanone-d5	4.452	46	149788	92.239	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.240%
24) Chloroform-d	5.056	84	143308	45.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.260%
26) 1,2-Dichloroethane-d4	5.952	65	100666	48.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
32) Benzene-d6	5.976	84	288779	44.235	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.480%
36) 1,2-Dichloropropane-d6	7.306	67	94263	44.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.740%
41) Toluene-d8	8.647	98	258216	43.646	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.300%
43) trans-1,3-Dichloroprop...	8.952	79	44092	41.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.480%
47) 2-Hexanone-d5	9.384	63	106396	84.790	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.790%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	136047	45.648	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.300%
66) 1,2-Dichlorobenzene-d4	12.317	152	90646	49.001	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	2560	1.737	ug/L #	1
13) Acetone	2.373	43	34629	22.197	ug/L	96
19) 1,1-Dichloroethane	3.611	63	3069	1.000	ug/L	96
22) 2-Butanone	4.562	43	19219	10.038	ug/L	99
27) 1,2-Dichloroethane	6.098	62	4434	1.835	ug/L #	86

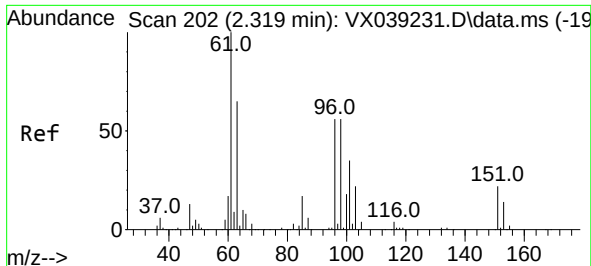
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 1.737 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX039244.D

Acq: 15 Dec 2023 21:25

Instrument :

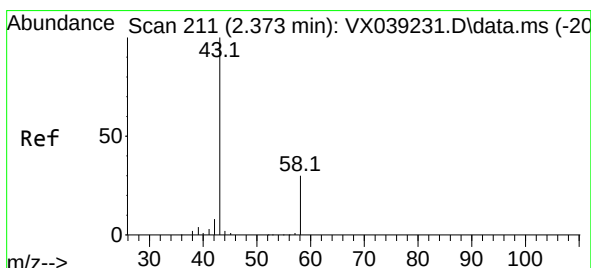
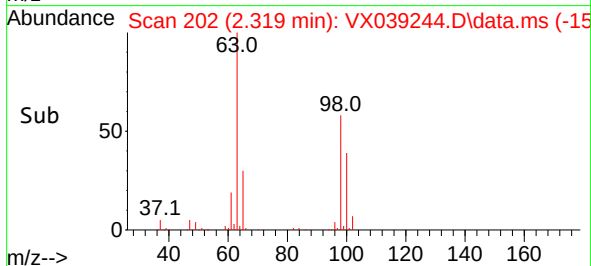
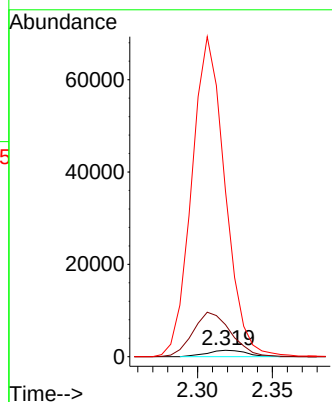
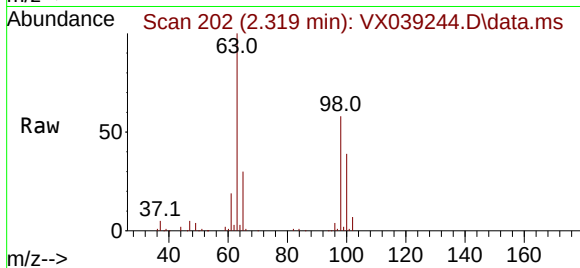
MSVOA_X

ClientSampleId :

YCHH2

Tgt Ion: 96 Resp: 2560

Ion	Ratio	Lower	Upper
96	100		
61	502.6	128.0	237.6#
63	2602.9	101.5	188.5#



#13

Acetone

Concen: 22.197 ug/L

RT: 2.373 min Scan# 211

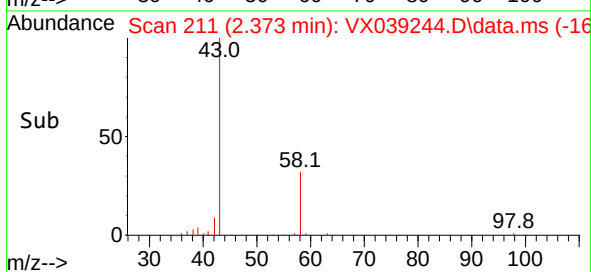
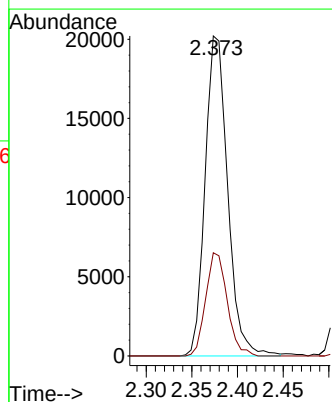
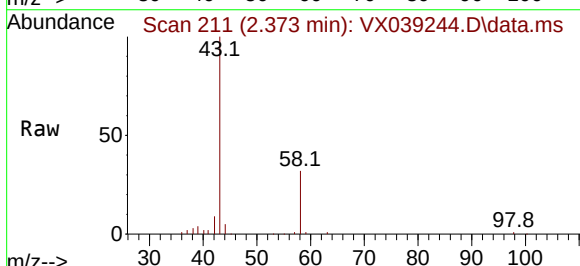
Delta R.T. -0.000 min

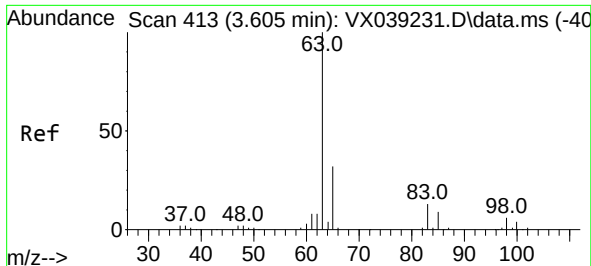
Lab File: VX039244.D

Acq: 15 Dec 2023 21:25

Tgt Ion: 43 Resp: 34629

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	65.8





#19

1,1-Dichloroethane

Concen: 1.000 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039244.D

Acq: 15 Dec 2023 21:25

Instrument :

MSVOA_X

ClientSampleId :

YCHH2

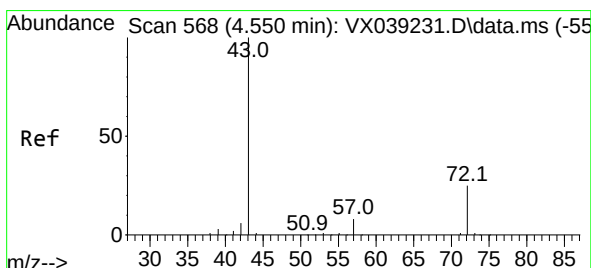
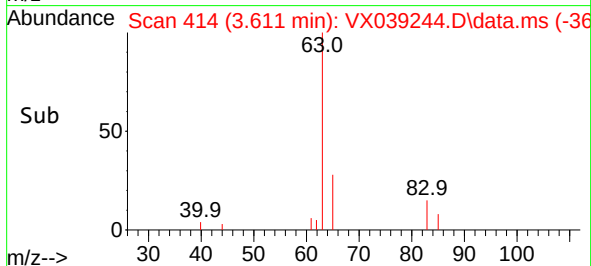
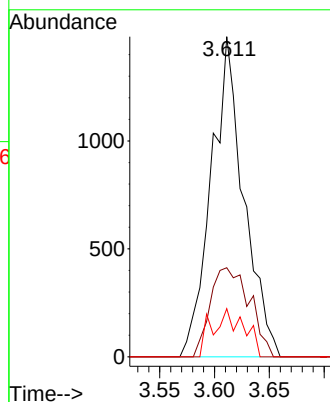
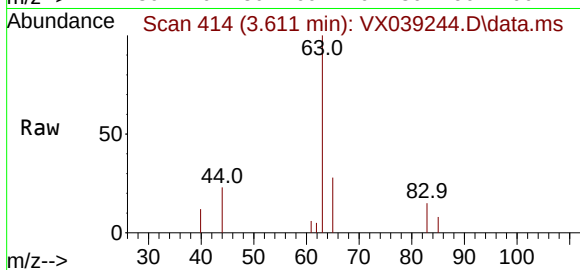
Tgt Ion: 63 Resp: 3069

Ion Ratio Lower Upper

63 100

65 27.8 21.1 39.3

83 15.0 9.7 17.9



#22

2-Butanone

Concen: 10.038 ug/L

RT: 4.562 min Scan# 570

Delta R.T. 0.018 min

Lab File: VX039244.D

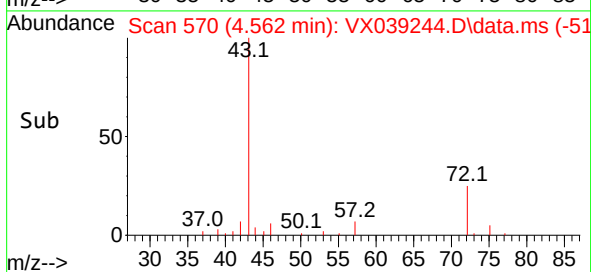
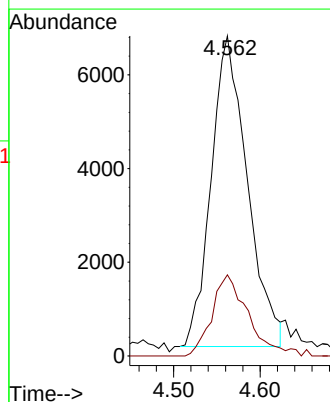
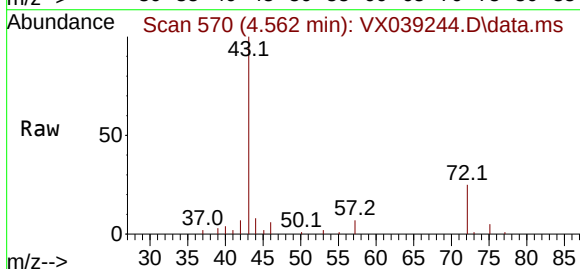
Acq: 15 Dec 2023 21:25

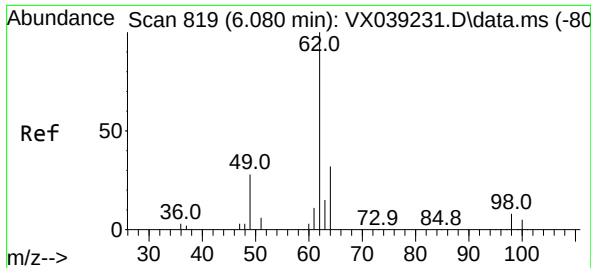
Tgt Ion: 43 Resp: 19219

Ion Ratio Lower Upper

43 100

72 25.7 12.6 37.6





#27

1,2-Dichloroethane

Concen: 1.835 ug/L

RT: 6.098 min Scan# 81

Delta R.T. 0.018 min

Lab File: VX039244.D

Acq: 15 Dec 2023 21:25

Instrument :

MSVOA_X

ClientSampleId :

YCHH2

Tgt Ion: 62 Resp: 4434

Ion Ratio Lower Upper

62 100

98 5.0 8.0 12.0#

