

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039249.D
 Acq On : 15 Dec 2023 23:20
 Operator : JC/MD
 Sample : 05844-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:54:05 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)

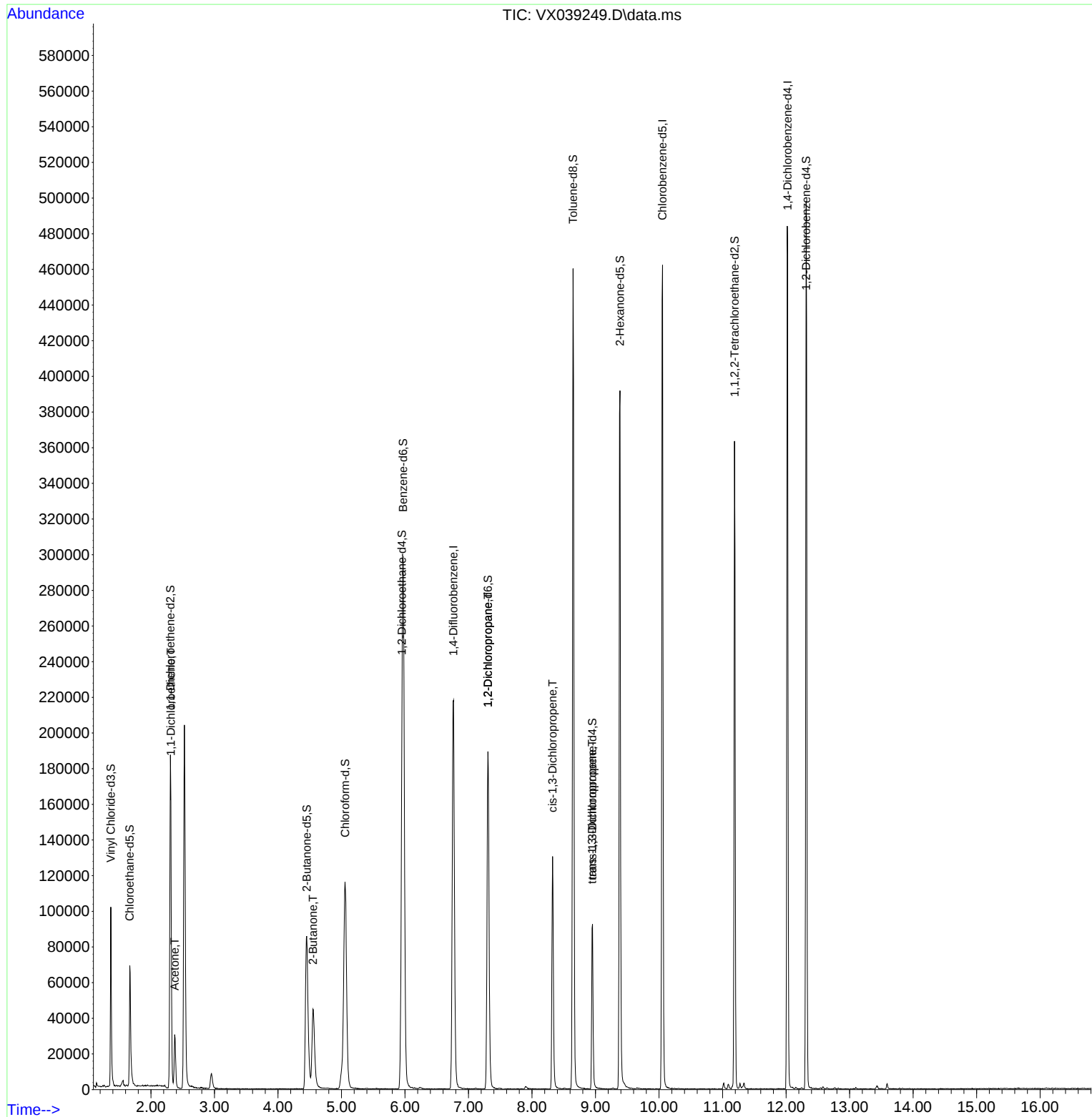
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	214963	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198120	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	92637	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62959	37.341	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.680%
7) Chloroethane-d5	1.666	69	50459	40.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.980%
11) 1,1-Dichloroethene-d2	2.306	65	33372	45.090	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.180%
21) 2-Butanone-d5	4.452	46	154545	101.261	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.260%
24) Chloroform-d	5.056	84	144530	48.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
26) 1,2-Dichloroethane-d4	5.952	65	102416	52.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.960%
32) Benzene-d6	5.970	84	290548	47.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.040%
36) 1,2-Dichloropropane-d6	7.306	67	95915	48.744	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	8.647	98	259576	46.846	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.700%
43) trans-1,3-Dichloroprop...	8.952	79	42792	42.734	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.460%
47) 2-Hexanone-d5	9.384	63	109280	92.984	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.980%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	137145	49.131	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.260%
66) 1,2-Dichlorobenzene-d4	12.317	152	89544	51.139	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.280%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	1260	0.910	ug/L #	1
13) Acetone	2.374	43	31511	21.492	ug/L	94
22) 2-Butanone	4.550	43	80124	44.529	ug/L	99
37) 1,2-Dichloropropane	7.306	63	11627	6.659	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3250	1.167	ug/L #	59
44) trans-1,3-Dichloropropene	8.946	75	2385	0.923	ug/L	99

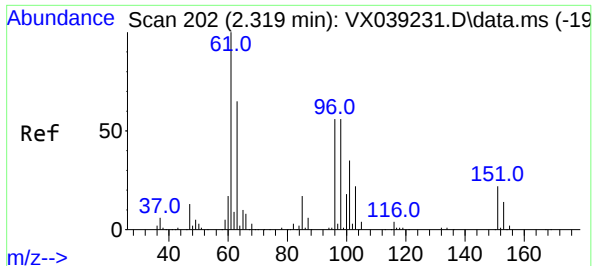
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.910 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX039249.D

Acq: 15 Dec 2023 23:20

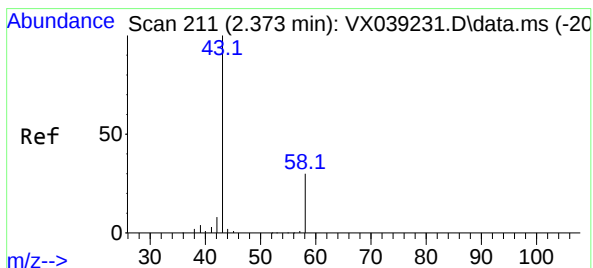
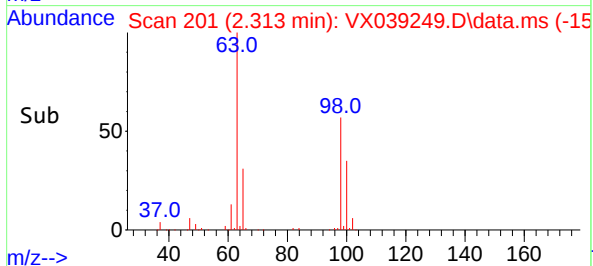
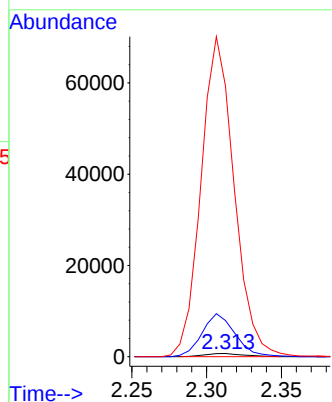
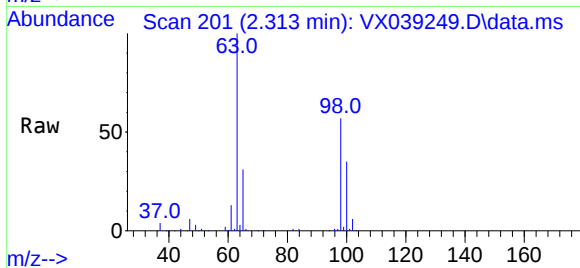
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 1260

Ion	Ratio	Lower	Upper
96	100		
61	1138.3	128.0	237.6#
63	8509.6	101.5	188.5#



#13

Acetone

Concen: 21.492 ug/L

RT: 2.374 min Scan# 211

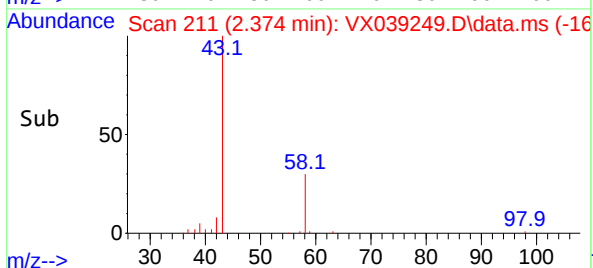
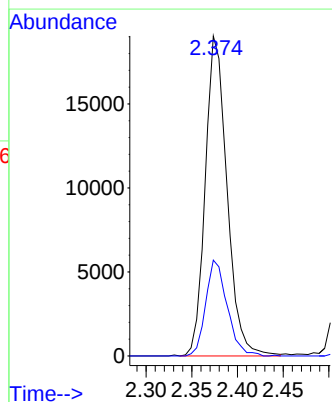
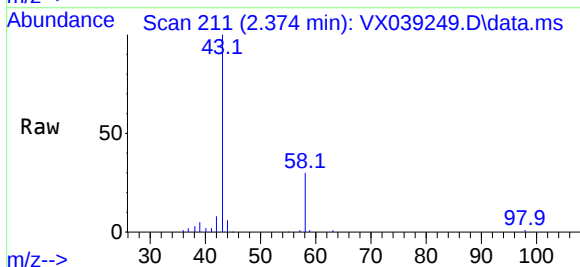
Delta R.T. -0.000 min

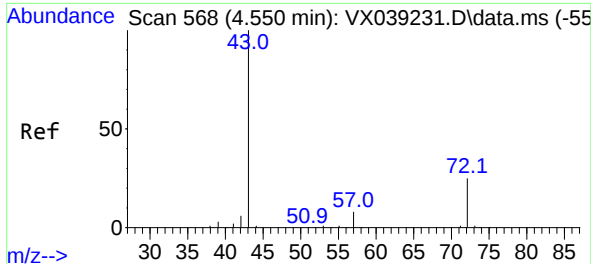
Lab File: VX039249.D

Acq: 15 Dec 2023 23:20

Tgt Ion: 43 Resp: 31511

Ion	Ratio	Lower	Upper
43	100		
58	29.3	0.0	65.8





#22

2-Butanone

Concen: 44.529 ug/L

RT: 4.550 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX039249.D

Acq: 15 Dec 2023 23:20

Instrument :

MSVOA_X

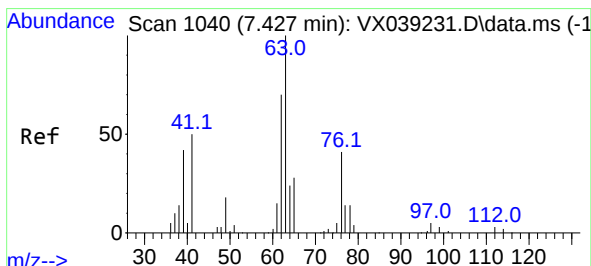
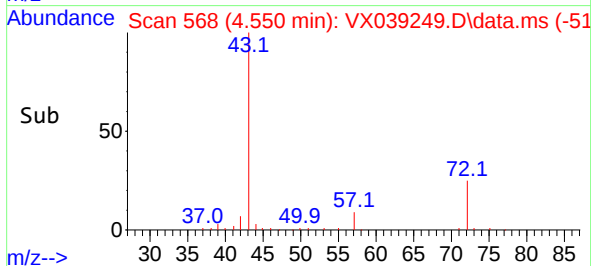
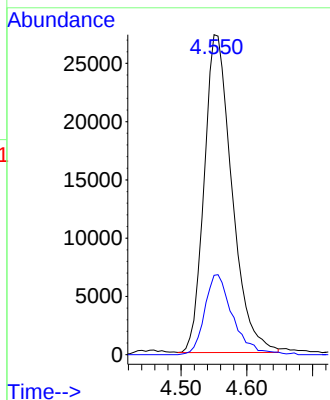
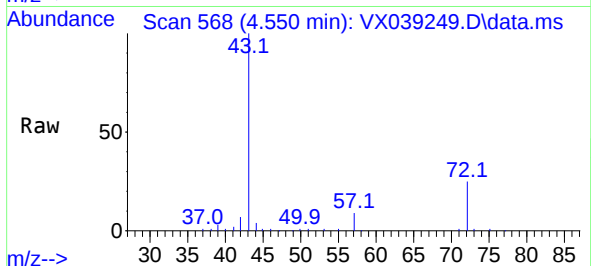
ClientSampleId :

Tgt Ion: 43 Resp: 80124

Ion Ratio Lower Upper

43 100

72 24.7 12.6 37.6



#37

1,2-Dichloropropane

Concen: 6.659 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX039249.D

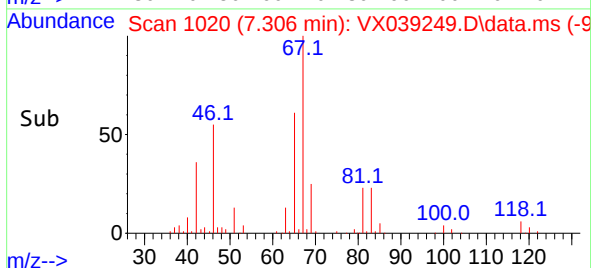
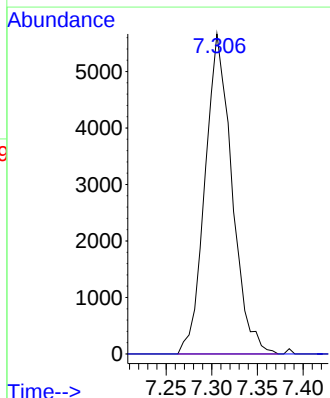
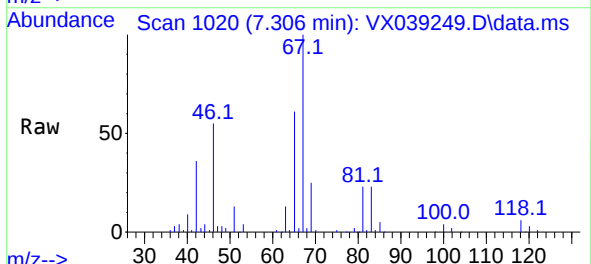
Acq: 15 Dec 2023 23:20

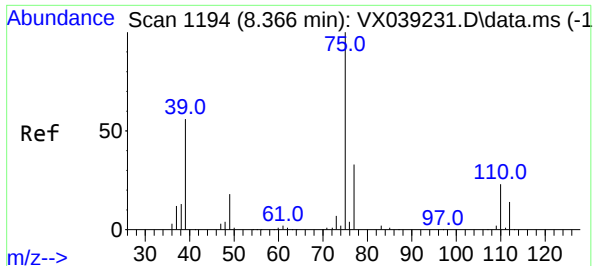
Tgt Ion: 63 Resp: 11627

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.167 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039249.D

Acq: 15 Dec 2023 23:20

Instrument :

MSVOA_X

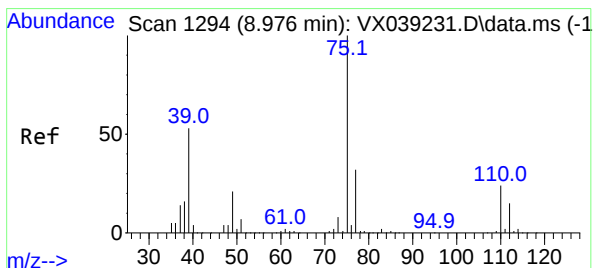
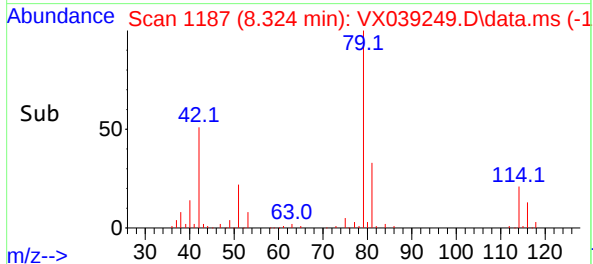
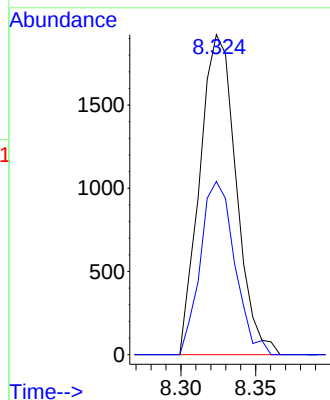
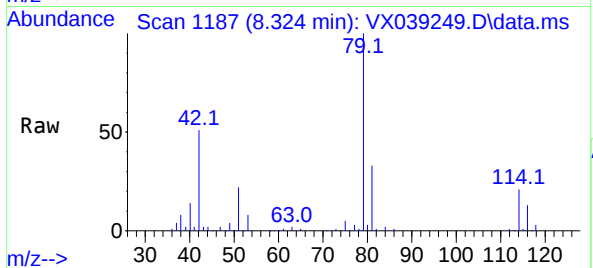
ClientSampleId :

Tgt Ion: 75 Resp: 3250

Ion Ratio Lower Upper

75 100

77 54.1 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.923 ug/L

RT: 8.946 min Scan# 1289

Delta R.T. -0.024 min

Lab File: VX039249.D

Acq: 15 Dec 2023 23:20

Tgt Ion: 75 Resp: 2385

Ion Ratio Lower Upper

75 100

77 30.7 22.0 40.8

