

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039250.D
 Acq On : 15 Dec 2023 23:43
 Operator : JC/MD
 Sample : 05844-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:54:13 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)

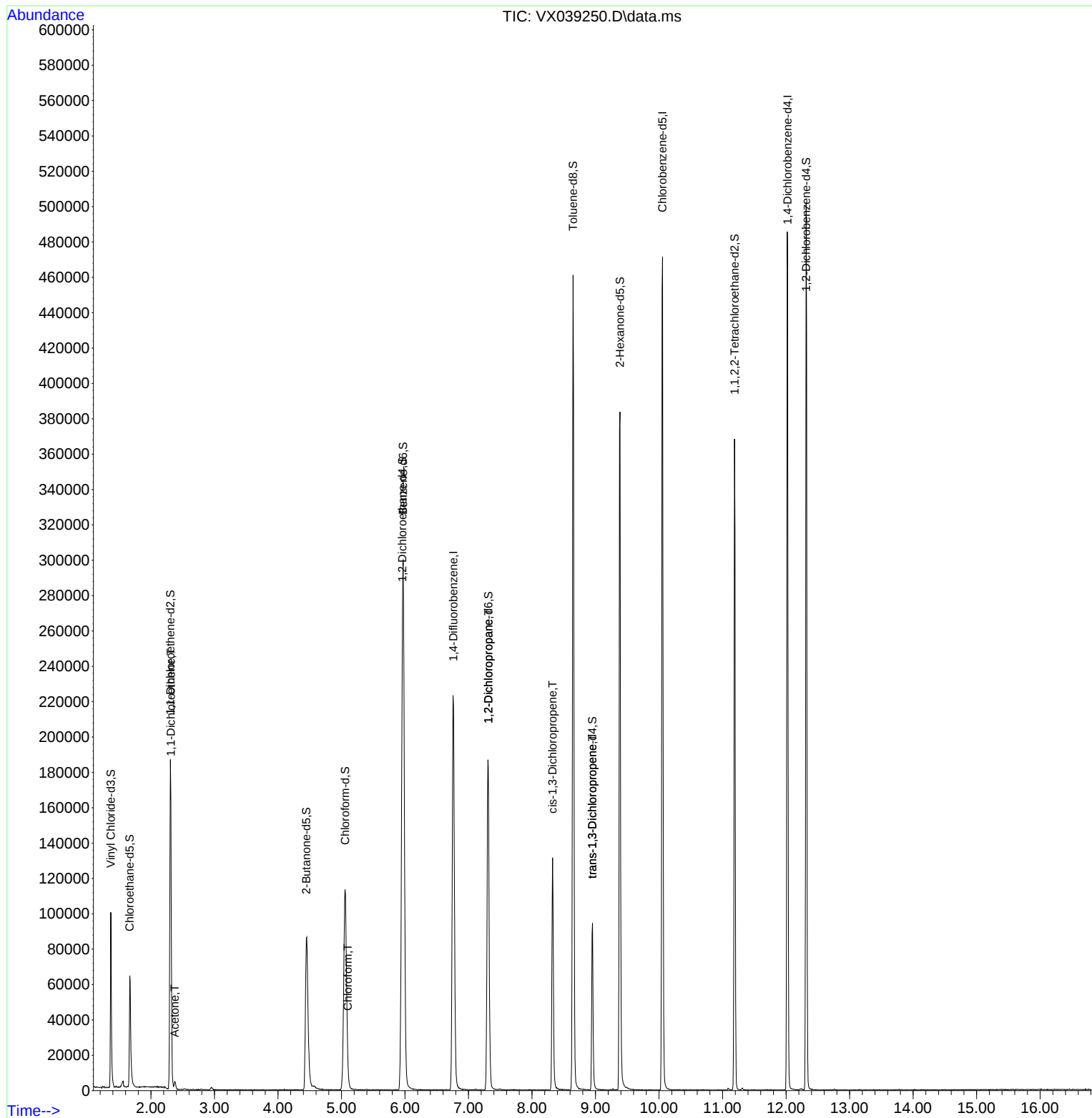
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	216853	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	199122	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	91331	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	63608	37.397	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.800%
7) Chloroethane-d5	1.666	69	50622	40.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.540%
11) 1,1-Dichloroethene-d2	2.306	65	34079	45.644	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.280%
21) 2-Butanone-d5	4.446	46	153964	100.001	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.000%
24) Chloroform-d	5.056	84	141547	47.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.020%
26) 1,2-Dichloroethane-d4	5.958	65	102029	52.323	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.640%
32) Benzene-d6	5.970	84	290617	47.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.580%
36) 1,2-Dichloropropane-d6	7.312	67	95365	48.221	ug/L	0.01
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.440%
41) Toluene-d8	8.647	98	258621	46.439	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.880%
43) trans-1,3-Dichloroprop...	8.951	79	43975	43.695	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.380%
47) 2-Hexanone-d5	9.384	63	108897	92.191	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.190%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	136302	48.583	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	12.317	152	90158	52.226	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.460%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.312	96	1254	0.898	ug/L #	1
13) Acetone	2.373	43	4466	3.019	ug/L	99
25) Chloroform	5.099	83	4195	1.445	ug/L	98
37) 1,2-Dichloropropane	7.312	63	11336	6.459	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3322	1.187	ug/L #	80
44) trans-1,3-Dichloropropene	8.951	75	2140	0.824	ug/L	98

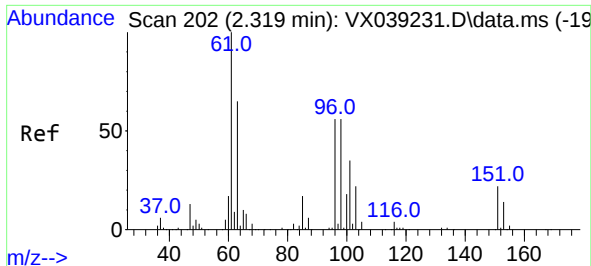
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.898 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX039250.D

Acq: 15 Dec 2023 23:43

Instrument :

MSVOA_X

ClientSampleId :

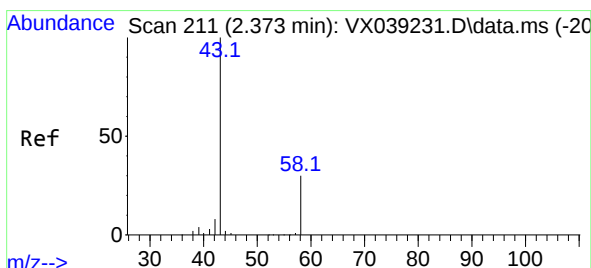
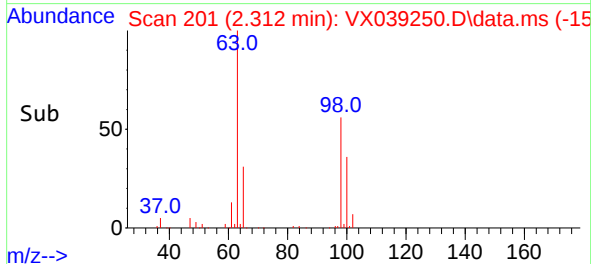
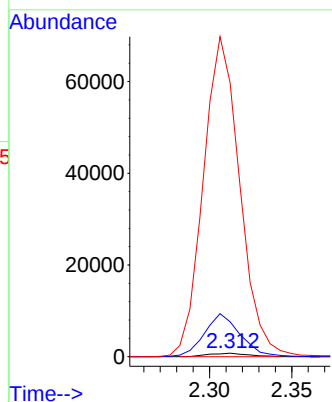
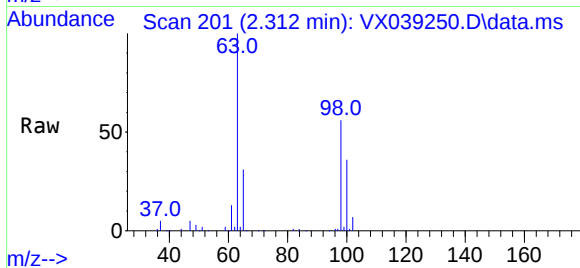
Tgt Ion: 96 Resp: 1254

Ion Ratio Lower Upper

96 100

61 1003.0 128.0 237.6#

63 7854.7 101.5 188.5#



#13

Acetone

Concen: 3.019 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039250.D

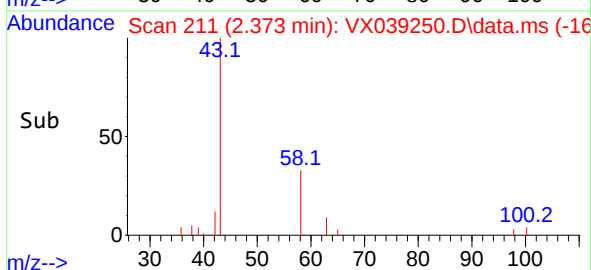
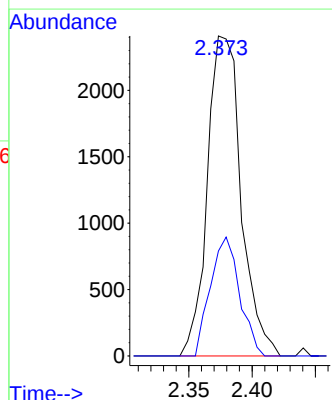
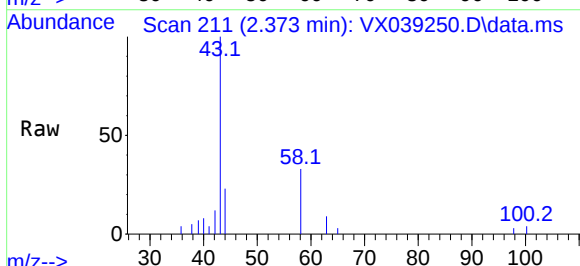
Acq: 15 Dec 2023 23:43

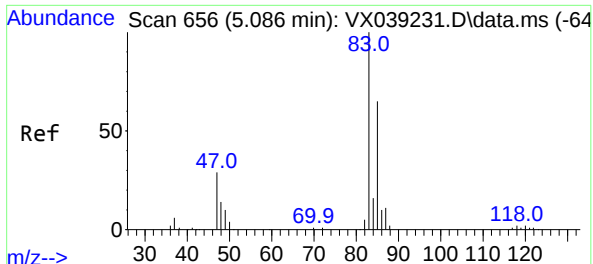
Tgt Ion: 43 Resp: 4466

Ion Ratio Lower Upper

43 100

58 32.2 0.0 65.8





#25

Chloroform

Concen: 1.445 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.018 min

Lab File: VX039250.D

Acq: 15 Dec 2023 23:43

Instrument :

MSVOA_X

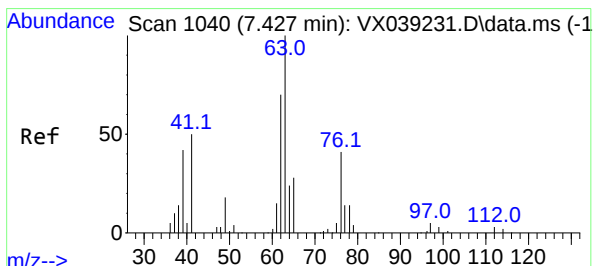
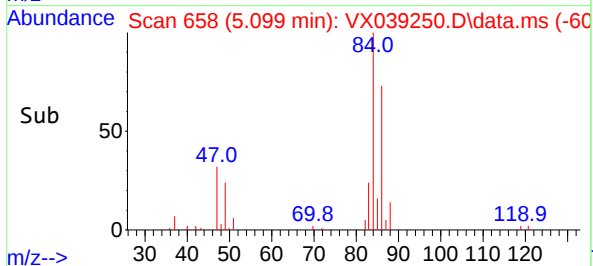
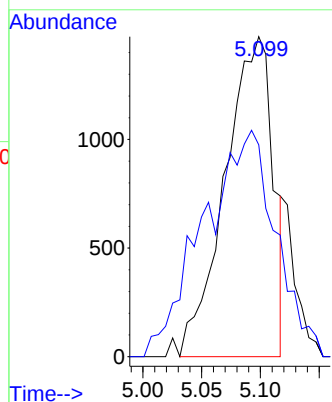
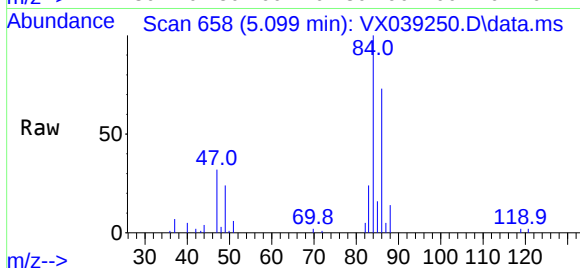
ClientSampleId :

Tgt Ion: 83 Resp: 4195

Ion Ratio Lower Upper

83 100

85 66.2 45.1 83.7



#37

1,2-Dichloropropane

Concen: 6.459 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.116 min

Lab File: VX039250.D

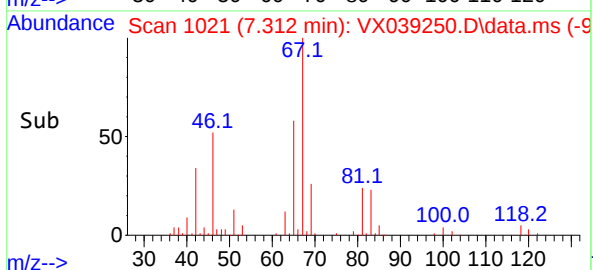
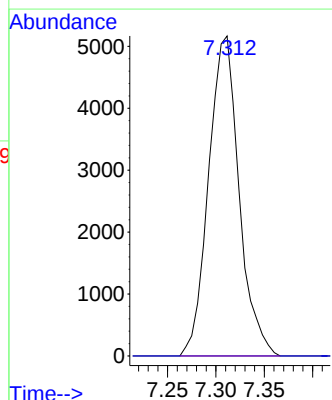
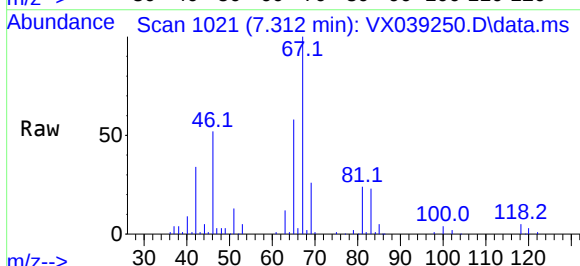
Acq: 15 Dec 2023 23:43

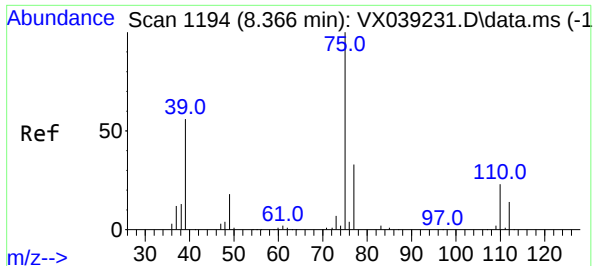
Tgt Ion: 63 Resp: 11336

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.187 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX039250.D

Acq: 15 Dec 2023 23:43

Instrument :

MSVOA_X

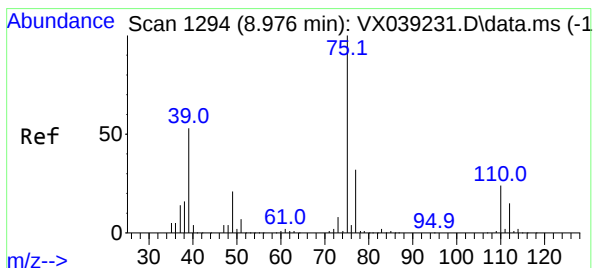
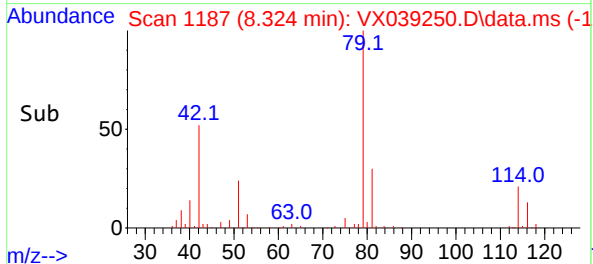
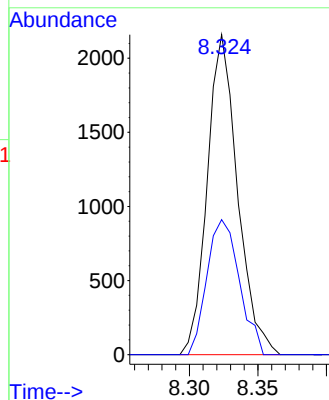
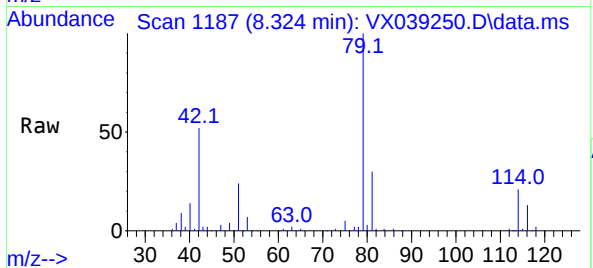
ClientSampleId :

Tgt Ion: 75 Resp: 3322

Ion Ratio Lower Upper

75 100

77 42.2 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.824 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.019 min

Lab File: VX039250.D

Acq: 15 Dec 2023 23:43

Tgt Ion: 75 Resp: 2140

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8

