

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039281.D
 Acq On : 16 Dec 2023 11:40
 Operator : JC/MD
 Sample : 05844-08DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG4DL

Quant Time: Dec 16 21:11:33 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

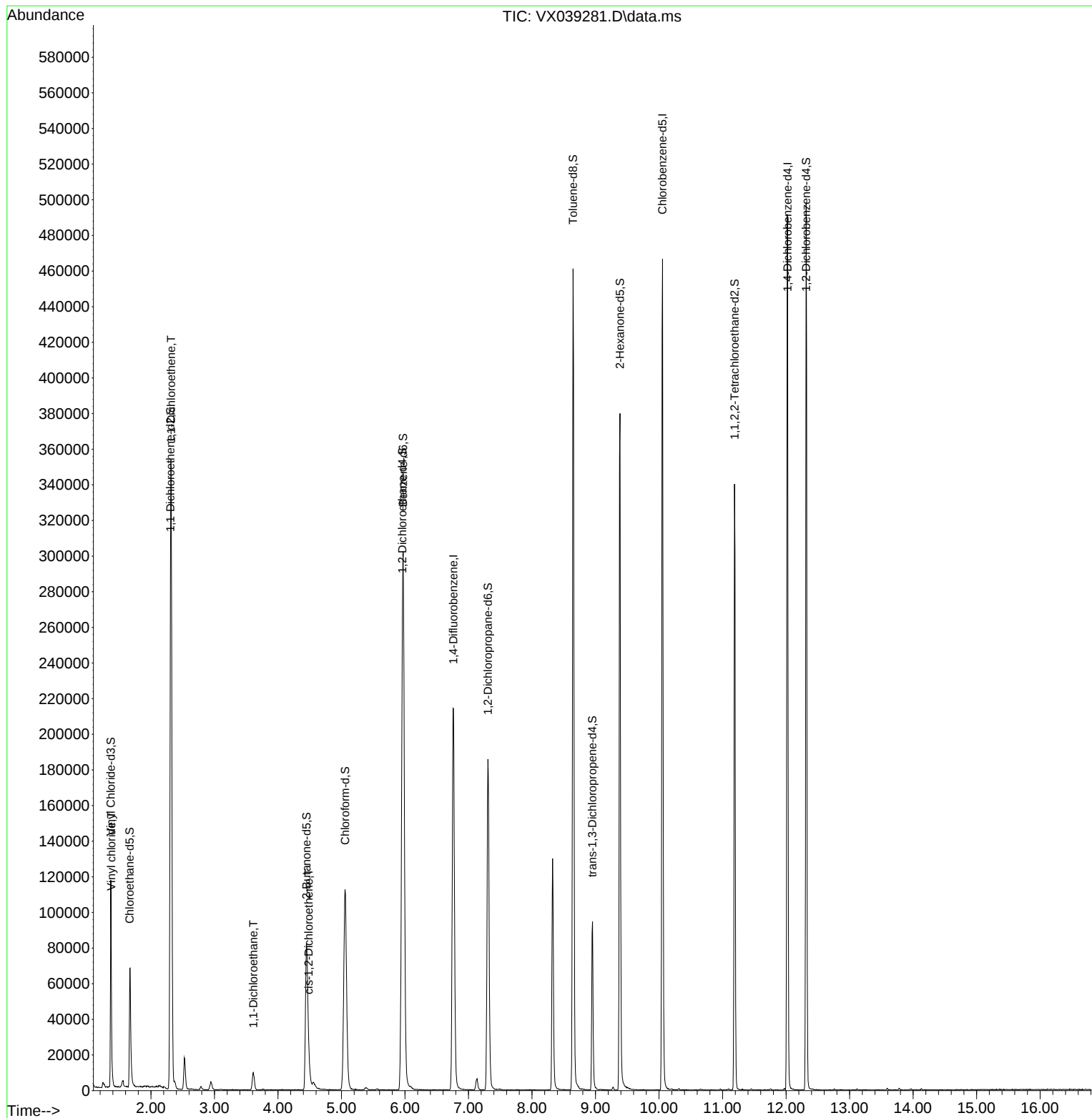
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	212736	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	195027	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	70880	42.479	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.960%	
7) Chloroethane-d5	1.666	69	53509	43.386	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	86.780%	
11) 1,1-Dichloroethene-d2	2.306	65	36776	50.210	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	100.420%	
21) 2-Butanone-d5	4.446	46	147779	97.841	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	97.840%	
24) Chloroform-d	5.056	84	141285	47.832	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.660%	
26) 1,2-Dichloroethane-d4	5.958	65	99056	51.782	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.560%	
32) Benzene-d6	5.970	84	295564	49.106	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.220%	
36) 1,2-Dichloropropane-d6	7.305	67	94517	48.795	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.600%	
41) Toluene-d8	8.647	98	263146	48.244	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.480%	
43) trans-1,3-Dichloroprop...	8.951	79	42720	43.339	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.680%	
47) 2-Hexanone-d5	9.384	63	106736	92.259	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.260%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131409	47.823	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.640%	
66) 1,2-Dichlorobenzene-d4	12.317	152	88394	48.768	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.540%	
Target Compounds						
5) Vinyl chloride	1.374	62	5068	2.900	ug/L	# 76
12) 1,1-Dichloroethene	2.319	96	72937	53.220	ug/L	98
19) 1,1-Dichloroethane	3.611	63	11100	3.888	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	2062	1.231	ug/L	87

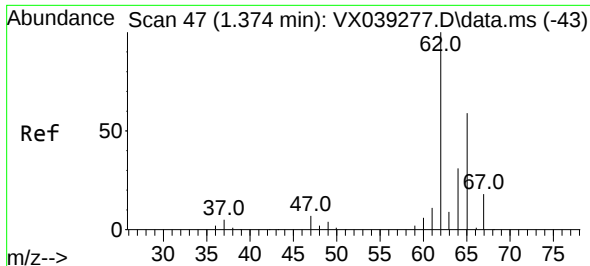
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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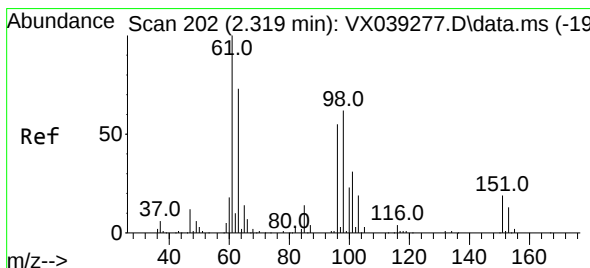
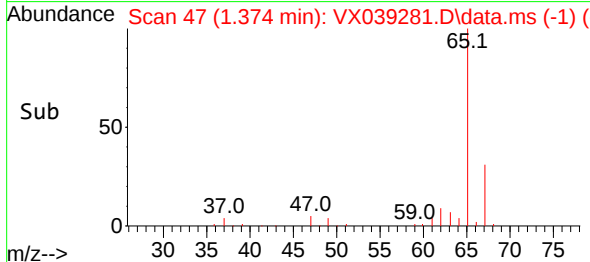
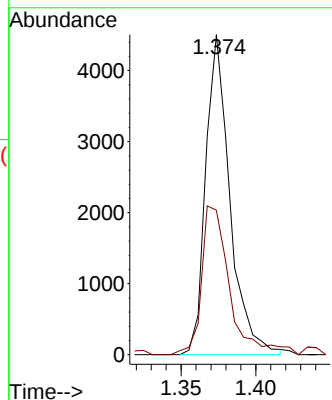
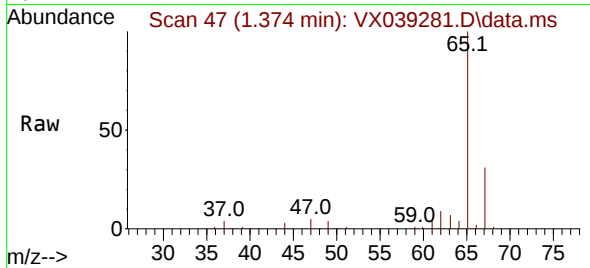




#5
 Vinyl chloride
 Concen: 2.900 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039281.D
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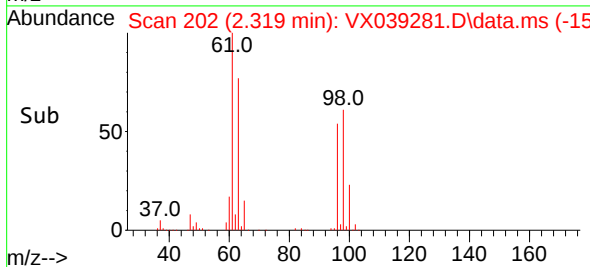
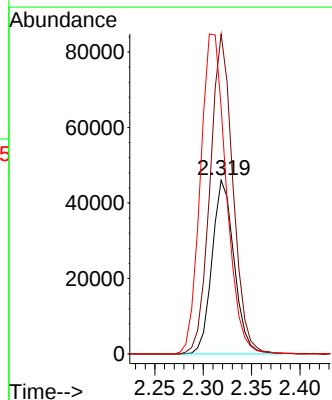
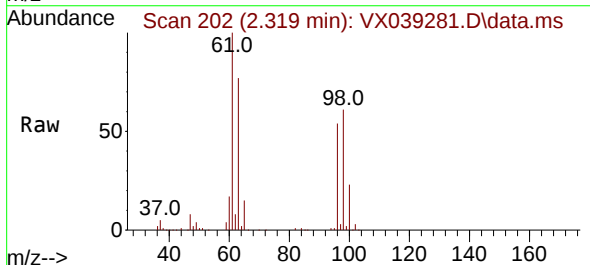
Instrument :
 MSVOA_X
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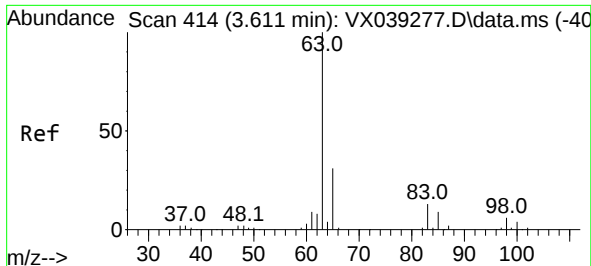
Tgt Ion: 62 Resp: 5068
 Ion Ratio Lower Upper
 62 100
 64 45.1 22.3 41.3#



#12
 1,1-Dichloroethene
 Concen: 53.220 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039281.D
 Acq: 16 Dec 2023 11:40

Tgt Ion: 96 Resp: 72937
 Ion Ratio Lower Upper
 96 100
 61 184.0 128.0 237.6
 63 141.8 101.5 188.5





#19

1,1-Dichloroethane

Concen: 3.888 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX039281.D

Acq: 16 Dec 2023 11:40

Instrument :

MSVOA_X

ClientSampleId :

YCHG4DL

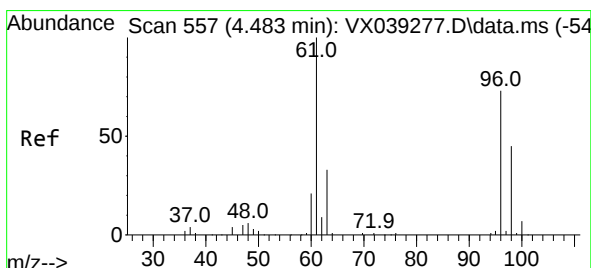
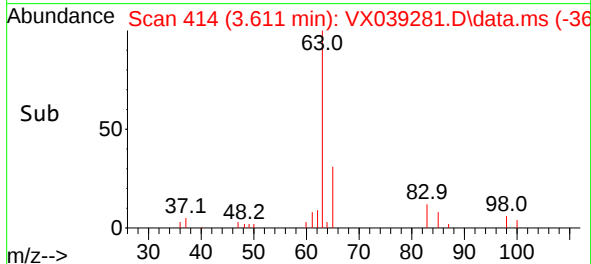
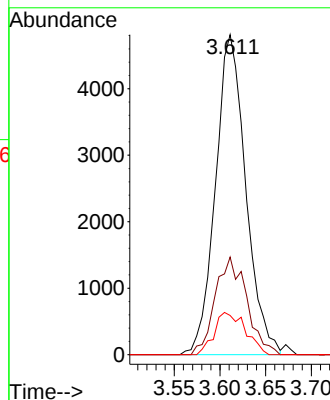
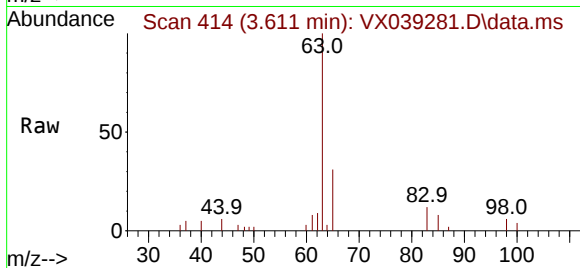
Tgt Ion: 63 Resp: 11100

Ion Ratio Lower Upper

63 100

65 30.5 21.1 39.3

83 12.3 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 1.231 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX039281.D

Acq: 16 Dec 2023 11:40

Tgt Ion: 96 Resp: 2062

Ion Ratio Lower Upper

96 100

61 115.2 91.7 170.3

98 54.9 44.2 82.2

