

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039267.D
 Acq On : 16 Dec 2023 06:11
 Operator : JC/MD
 Sample : 05845-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE8

Quant Time: Dec 16 20:15:56 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)

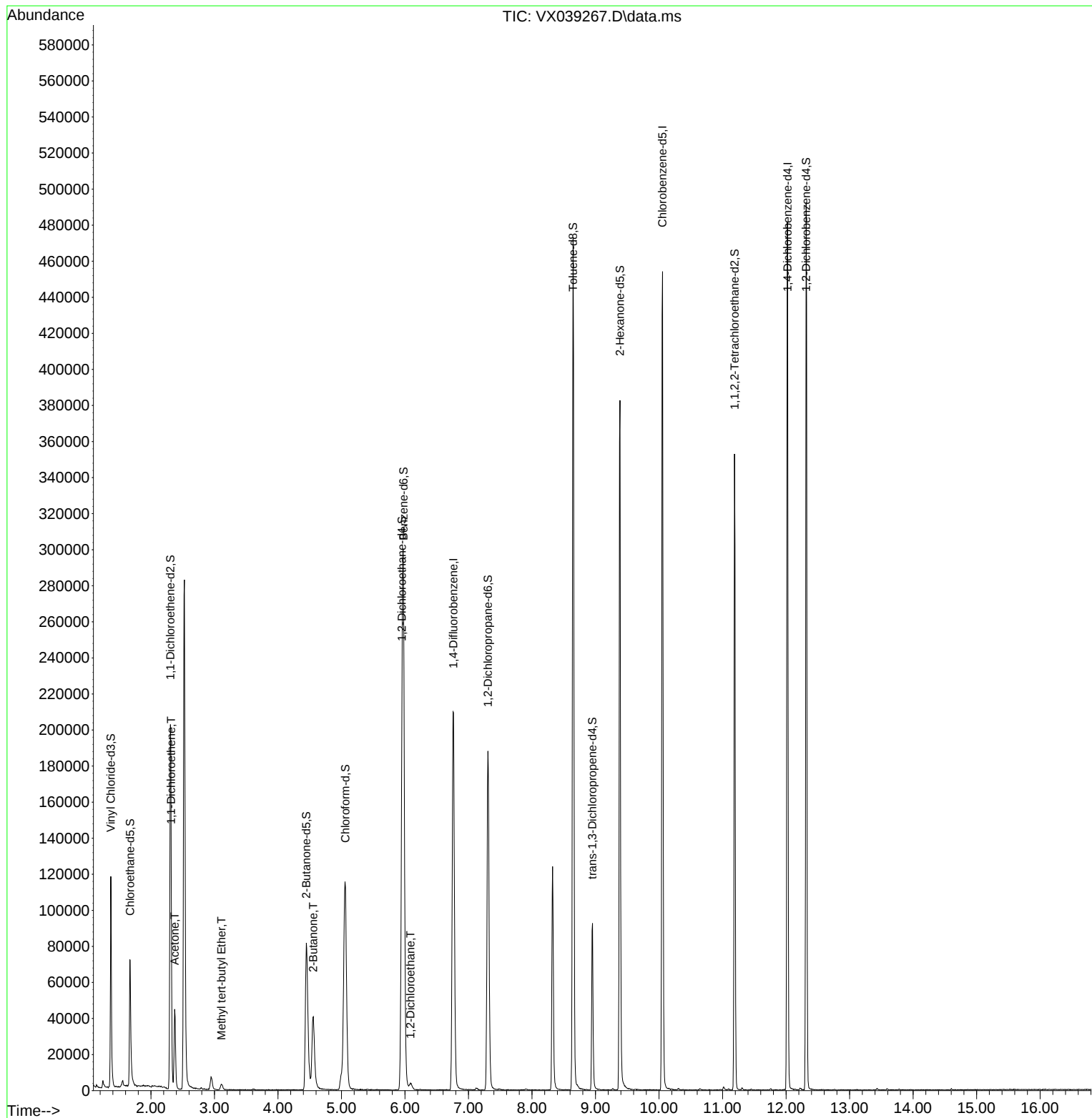
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	208845	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	195230	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	75534	46.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.220%
7) Chloroethane-d5	1.672	69	56099	46.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.660%
11) 1,1-Dichloroethene-d2	2.306	65	36957	51.397	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.800%
21) 2-Butanone-d5	4.446	46	144105	97.186	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.190%
24) Chloroform-d	5.062	84	146723	50.598	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.952	65	100660	53.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.200%
32) Benzene-d6	5.976	84	297331	49.348	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.700%
36) 1,2-Dichloropropane-d6	7.305	67	94865	48.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.840%
41) Toluene-d8	8.647	98	268384	49.153	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.300%
43) trans-1,3-Dichloroprop...	8.952	79	42443	43.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.020%
47) 2-Hexanone-d5	9.384	63	103562	89.423	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.420%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	133534	48.546	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.100%
66) 1,2-Dichlorobenzene-d4	12.317	152	89558	50.480	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.960%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	1990	1.479	ug/L #	1
13) Acetone	2.373	43	46472	32.624	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	3433	0.696	ug/L #	74
22) 2-Butanone	4.556	43	73841	42.239	ug/L	98
27) 1,2-Dichloroethane	6.086	62	3197	1.449	ug/L	100

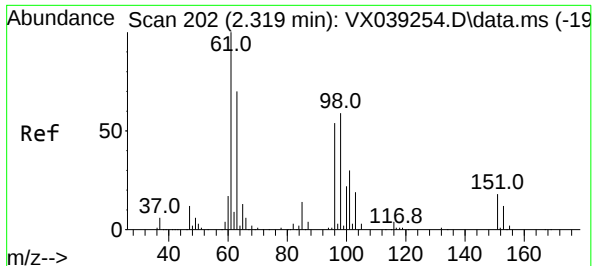
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.479 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX039267.D

Acq: 16 Dec 2023 06:11

Instrument :

MSVOA_X

ClientSampleId :

YCHE8

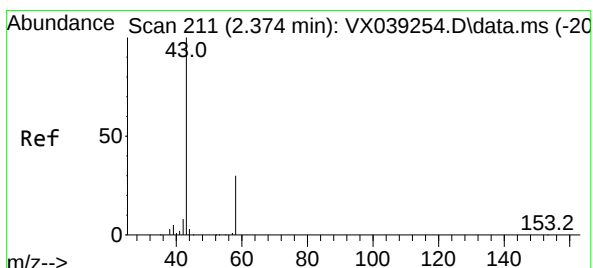
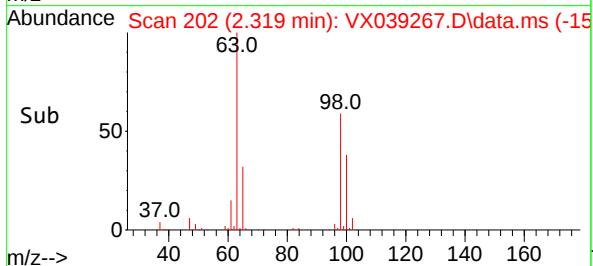
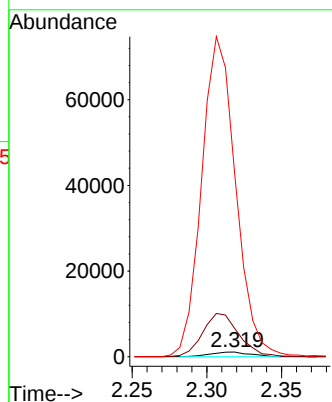
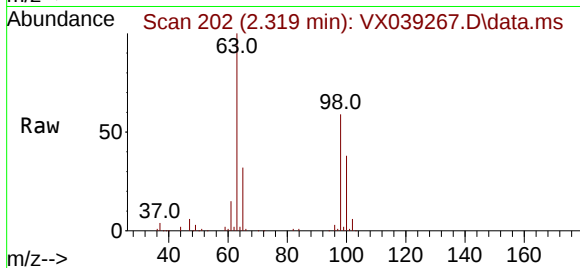
Tgt Ion: 96 Resp: 1990

Ion Ratio Lower Upper

96 100

61 607.0 128.0 237.6#

63 3930.3 101.5 188.5#



#13

Acetone

Concen: 32.624 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039267.D

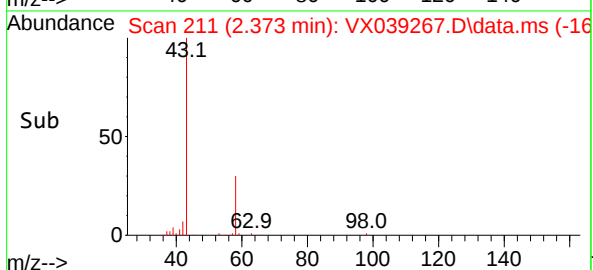
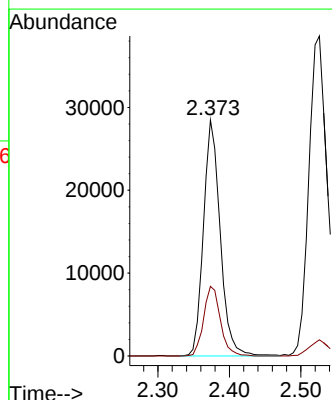
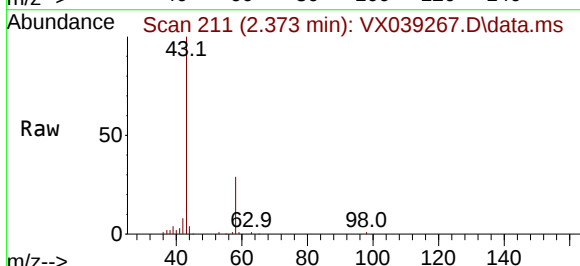
Acq: 16 Dec 2023 06:11

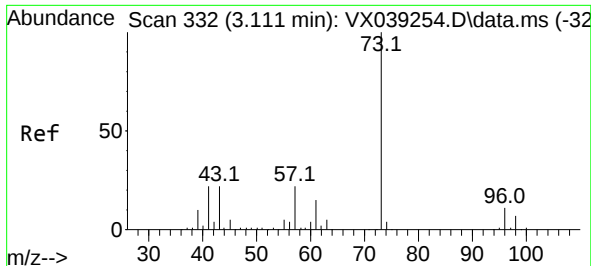
Tgt Ion: 43 Resp: 46472

Ion Ratio Lower Upper

43 100

58 29.4 0.0 65.8

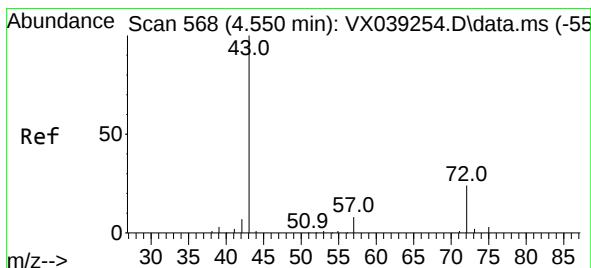
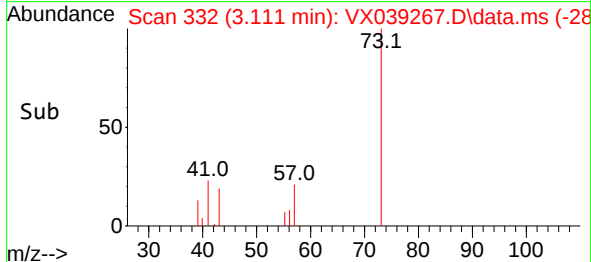
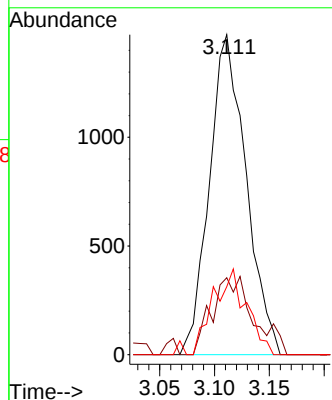
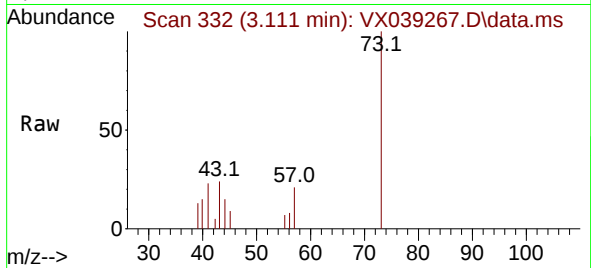




#18
Methyl tert-butyl Ether
Concen: 0.696 ug/L
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039267.D
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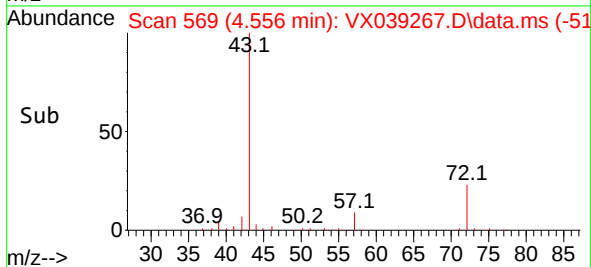
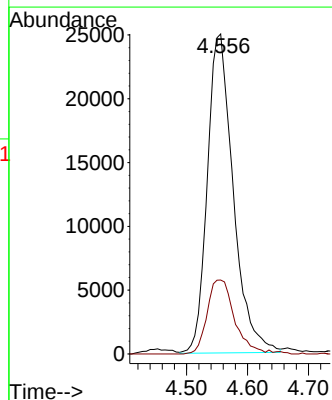
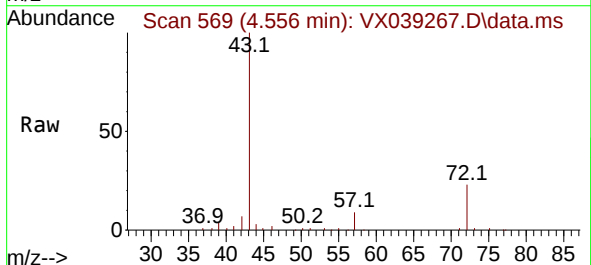
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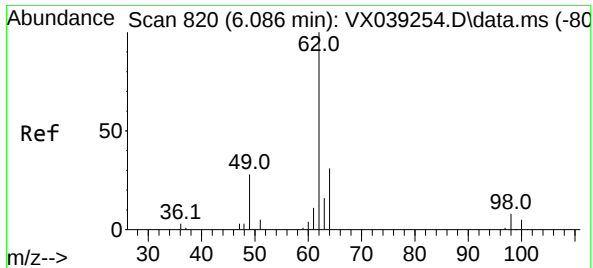
Tgt Ion: 73 Resp: 3433
Ion Ratio Lower Upper
73 100
43 15.3 16.9 25.3#
57 4.4 18.5 27.7#



#22
2-Butanone
Concen: 42.239 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX039267.D
Acq: 16 Dec 2023 06:11

Tgt Ion: 43 Resp: 73841
Ion Ratio Lower Upper
43 100
72 24.3 12.6 37.6





#27
 1,2-Dichloroethane
 Concen: 1.449 ug/L
 RT: 6.086 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VX039267.D
 Acq: 16 Dec 2023 06:11

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE8

Tgt Ion: 62 Resp: 3197
 Ion Ratio Lower Upper
 62 100
 98 9.8 8.0 12.0

