

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030486.D
 Acq On : 07 Aug 2022 00:32
 Operator : JC/MD
 Sample : N4021-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D39

Quant Time: Aug 07 05:47:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

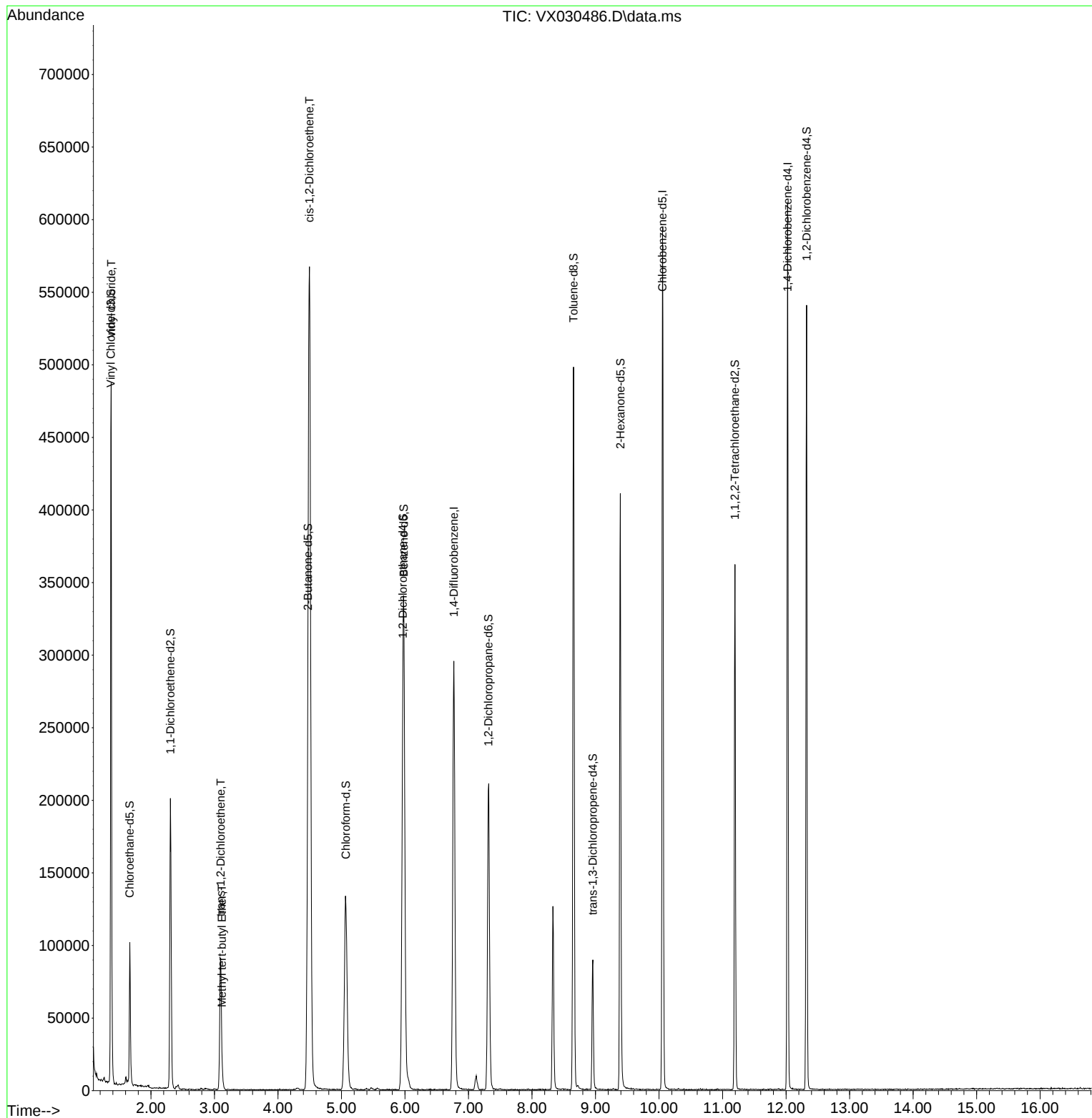
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	284406	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	251800	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	110427	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	75106	41.122	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.240%
7) Chloroethane-d5	1.666	69	58530	45.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.920%
11) 1,1-Dichloroethene-d2	2.306	63	109562	31.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.420%
21) 2-Butanone-d5	4.470	46	169765	100.319	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.320%
24) Chloroform-d	5.068	84	161570	42.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.940%
26) 1,2-Dichloroethane-d4	5.964	65	113439	44.436	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.880%
32) Benzene-d6	5.982	84	316152	43.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.660%
36) 1,2-Dichloropropane-d6	7.311	67	104584	44.692	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.380%
41) Toluene-d8	8.653	98	281733	41.439	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.880%
43) trans-1,3-Dichloroprop...	8.957	79	41280	35.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.920%
47) 2-Hexanone-d5	9.390	63	109676	91.948	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.950%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138860	45.170	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.340%
66) 1,2-Dichlorobenzene-d4	12.323	152	95189	44.442	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.880%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.373	62	252889	128.658	ug/L	98
17) trans-1,2-Dichloroethene	3.099	96	35383	19.186	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	6369	1.016	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	315879	152.264	ug/L	97

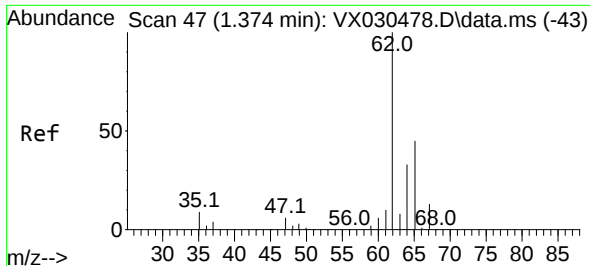
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 06 02:08:42 2022
Response via : Initial Calibration

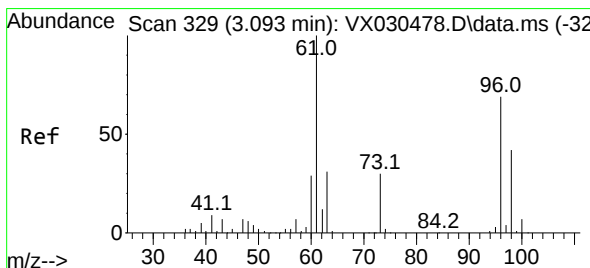
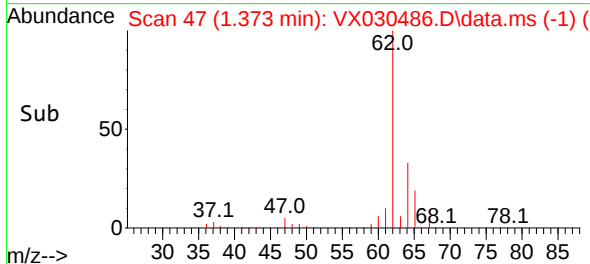
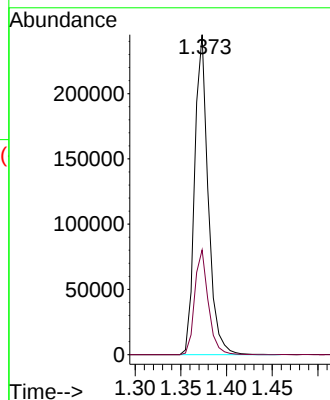
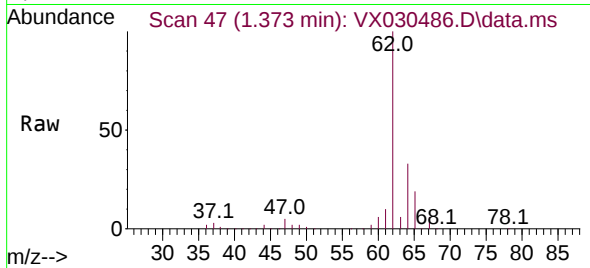




#5
 Vinyl chloride
 Concen: 128.658 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030486.D
 Acq: 07 Aug 2022 00:32

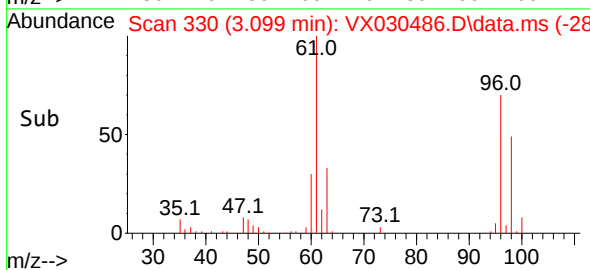
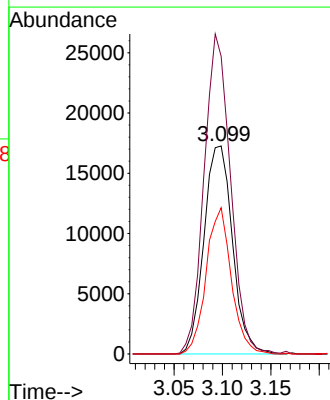
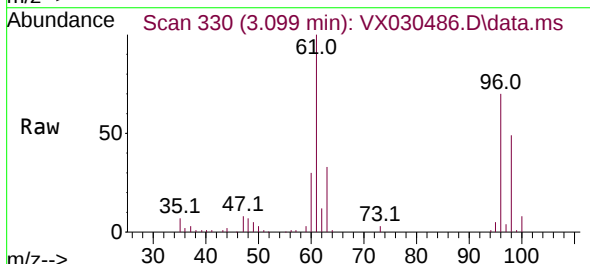
Instrument :
 MSVOA_X
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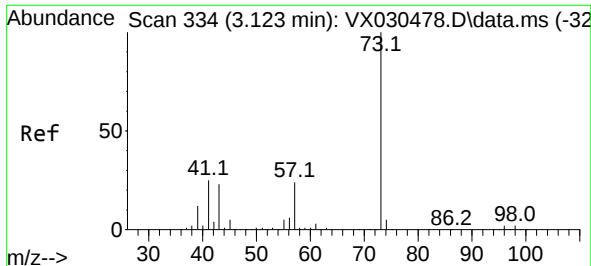
Tgt Ion: 62 Resp: 252889
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 19.186 ug/L
 RT: 3.099 min Scan# 330
 Delta R.T. 0.006 min
 Lab File: VX030486.D
 Acq: 07 Aug 2022 00:32

Tgt Ion: 96 Resp: 35383
 Ion Ratio Lower Upper
 96 100
 61 143.1 103.7 192.5
 98 70.3 41.5 77.1

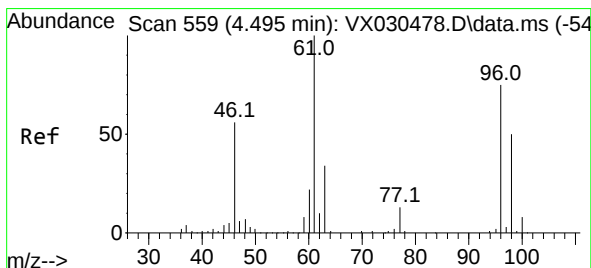
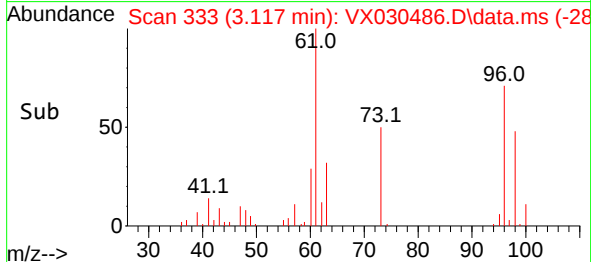
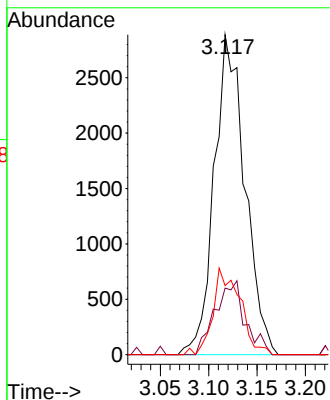
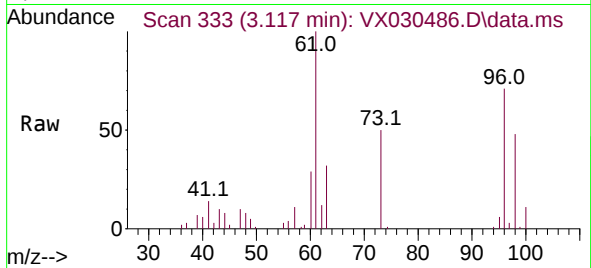




#18
Methyl tert-butyl Ether
Concen: 1.016 ug/L
RT: 3.117 min Scan# 31
Delta R.T. -0.007 min
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Instrument :
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Tgt Ion: 73 Resp: 6369
Ion Ratio Lower Upper
73 100
43 21.1 17.6 26.4
57 22.8 17.5 26.3



#20
cis-1,2-Dichloroethene
Concen: 152.264 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX030486.D
Acq: 07 Aug 2022 00:32

Tgt Ion: 96 Resp: 315879
Ion Ratio Lower Upper
96 100
61 138.1 94.0 174.6
68 0.0 0.0 0.0

