

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122723\
 Data File : VX039488.D
 Acq On : 27 Dec 2023 11:58
 Operator : JC/MD
 Sample : 05989-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F7A60

Quant Time: Dec 28 04:07:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 28 04:06:47 2023
 Response via : Initial Calibration

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

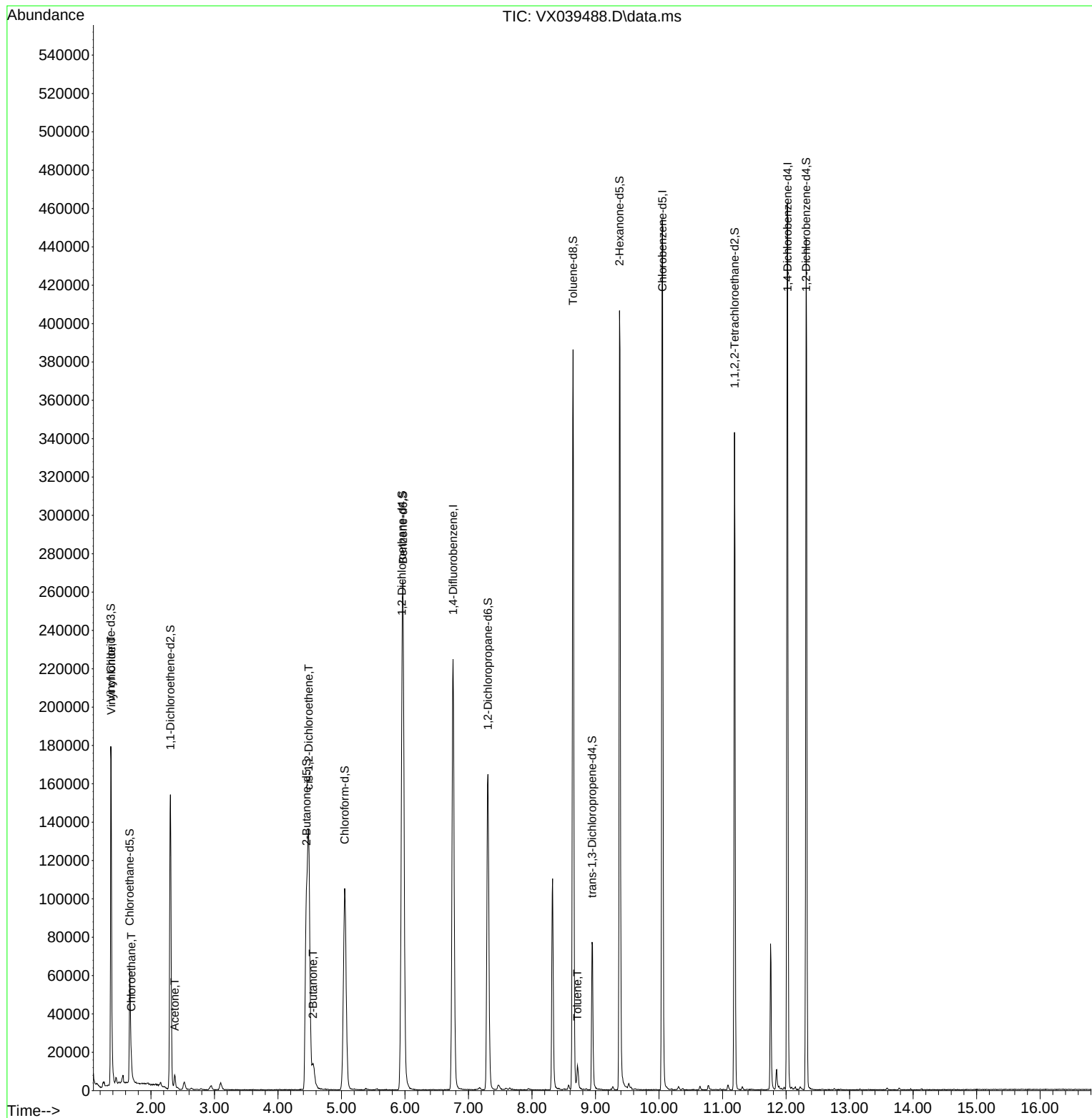
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	215502	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	89768	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	54685	32.353	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.700%		
7) Chloroethane-d5	1.666	69	45911	36.747	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.500%		
11) 1,1-Dichloroethene-d2	2.306	65	27808	37.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.960%		
21) 2-Butanone-d5	4.446	46	163339	106.755	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.750%		
24) Chloroform-d	5.050	84	130301	43.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
26) 1,2-Dichloroethane-d4	5.952	65	89213	46.038	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.080%		
32) Benzene-d6	5.970	84	255013	41.531	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.060%		
36) 1,2-Dichloropropane-d6	7.305	67	84576	42.800	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.600%		
41) Toluene-d8	8.647	98	222293	39.948	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.900%#		
43) trans-1,3-Dichloroprop...	8.945	79	36805	36.600	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.200%		
47) 2-Hexanone-d5	9.378	63	116157	98.418	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.420%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131167	46.791	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.580%		
66) 1,2-Dichlorobenzene-d4	12.317	152	79129	46.635	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.260%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	75213	42.484	ug/L	95
8) Chloroethane	1.691	64	3242	3.239	ug/L #	77
13) Acetone	2.373	43	7424	5.051	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	69000	40.669	ug/L	96
22) 2-Butanone	4.550	43	23030	12.767	ug/L	97
42) Toluene	8.714	91	8225	1.227	ug/L	99

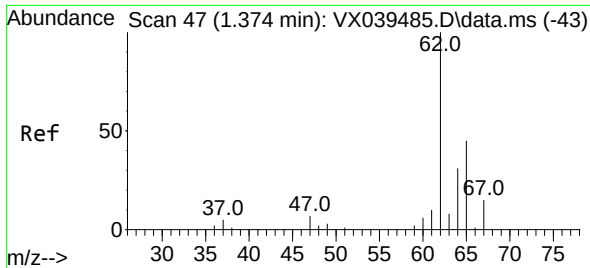
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 28 04:06:47 2023
Response via : Initial Calibration

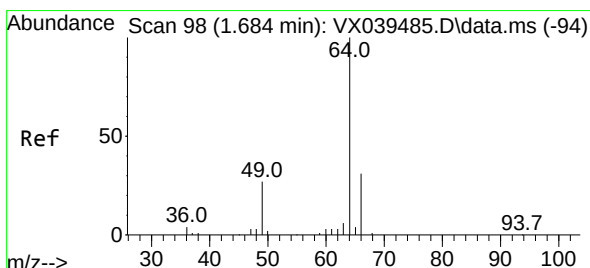
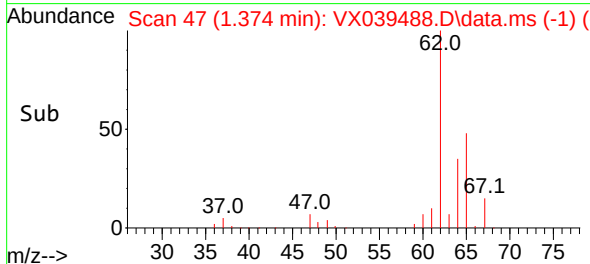
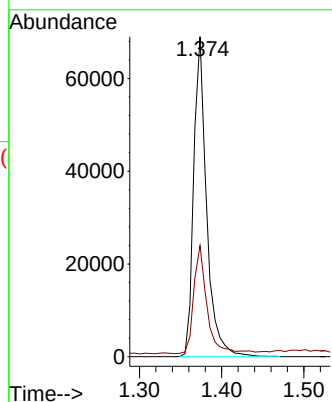
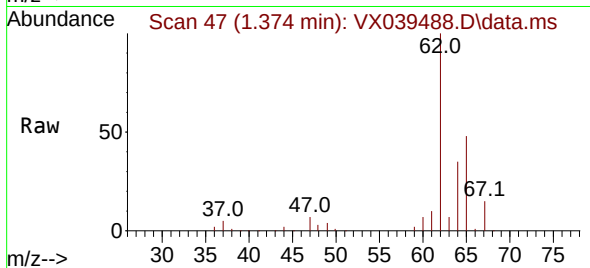




#5
 Vinyl chloride
 Concen: 42.484 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039488.D
 Acq: 27 Dec 2023 11:58

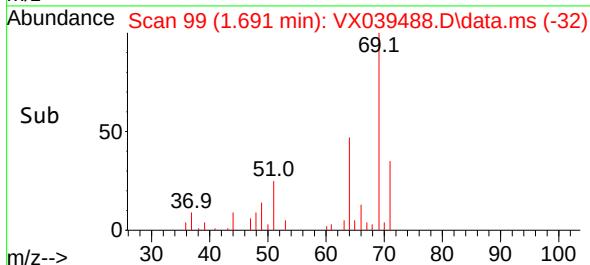
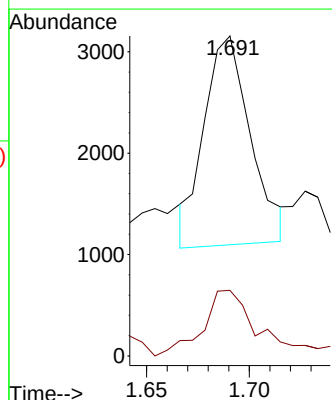
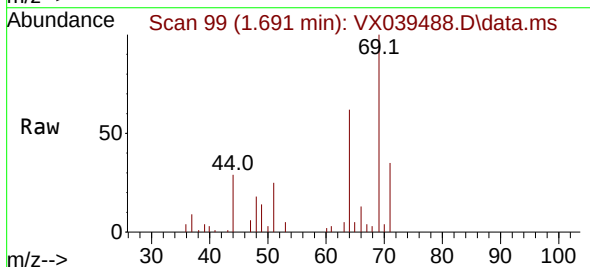
Instrument :
 MSVOA_X
 ClientSampleId :
 F7A60

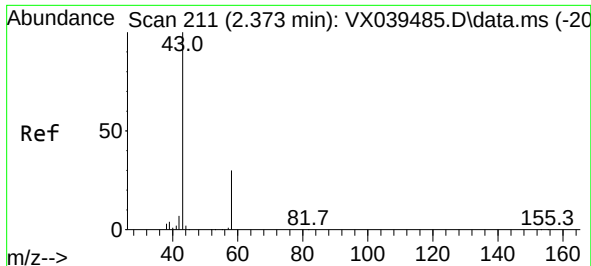
Tgt Ion: 62 Resp: 75213
 Ion Ratio Lower Upper
 62 100
 64 34.7 22.3 41.3



#8
 Chloroethane
 Concen: 3.239 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. 0.006 min
 Lab File: VX039488.D
 Acq: 27 Dec 2023 11:58

Tgt Ion: 64 Resp: 3242
 Ion Ratio Lower Upper
 64 100
 66 20.5 23.4 43.6#

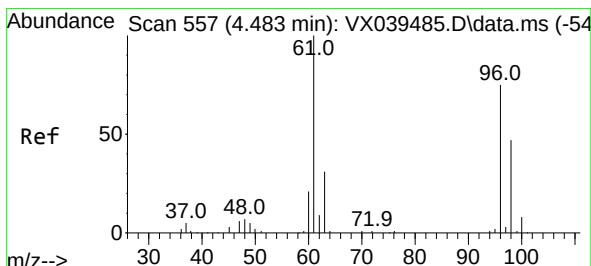
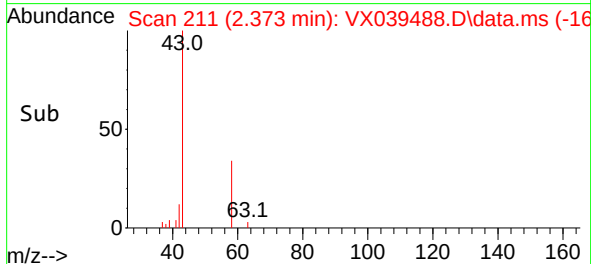
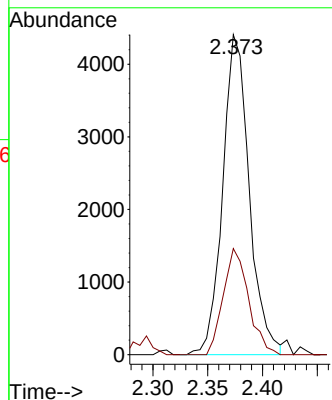
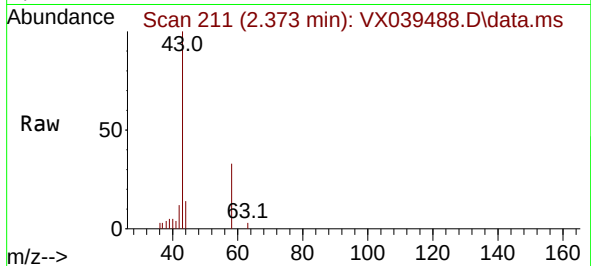




#13
Acetone
Concen: 5.051 ug/L
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039488.D
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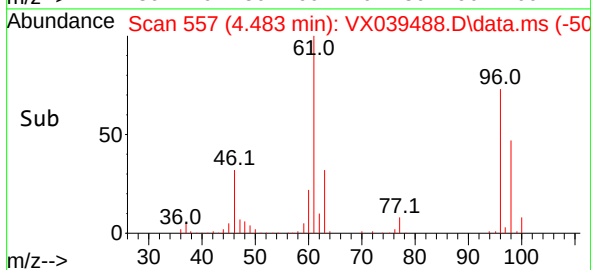
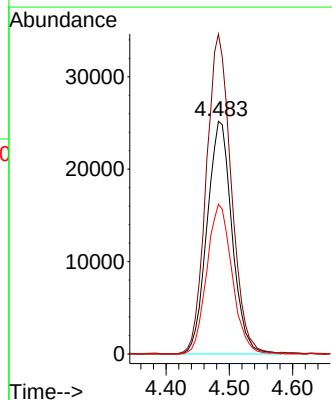
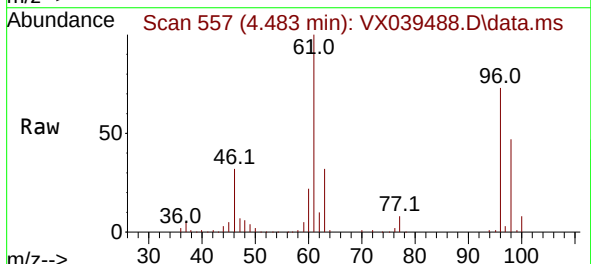
Instrument :
MSVOA_X
ClientSampleId :
F7A60

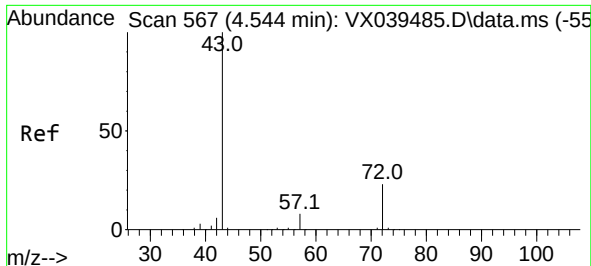
Tgt Ion: 43 Resp: 7424
Ion Ratio Lower Upper
43 100
58 31.6 0.0 65.8



#20
cis-1,2-Dichloroethene
Concen: 40.669 ug/L
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX039488.D
Acq: 27 Dec 2023 11:58

Tgt Ion: 96 Resp: 69000
Ion Ratio Lower Upper
96 100
61 137.5 91.7 170.3
98 64.4 44.2 82.2





#22

2-Butanone

Concen: 12.767 ug/L

RT: 4.550 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX039488.D

Acq: 27 Dec 2023 11:58

Instrument :

MSVOA_X

ClientSampleId :

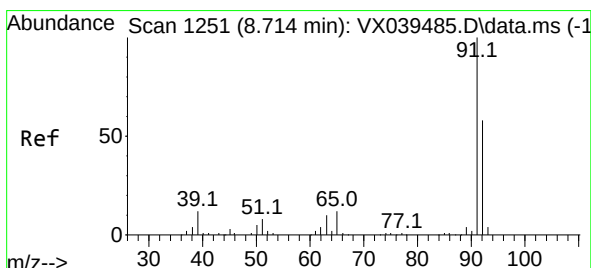
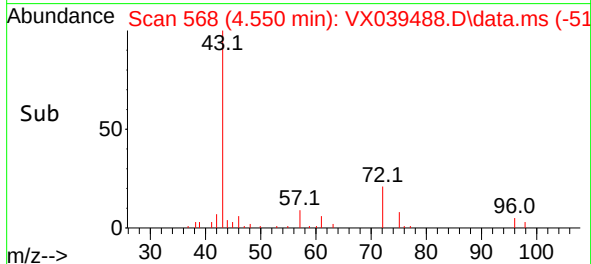
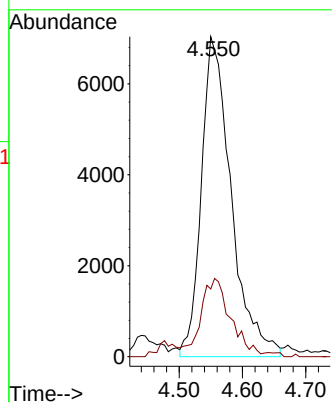
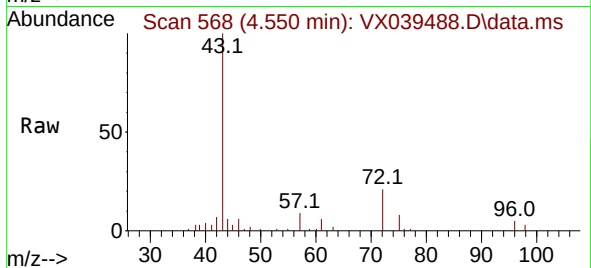
F7A60

Tgt Ion: 43 Resp: 23030

Ion Ratio Lower Upper

43 100

72 23.7 12.6 37.6



#42

Toluene

Concen: 1.227 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX039488.D

Acq: 27 Dec 2023 11:58

Tgt Ion: 91 Resp: 8225

Ion Ratio Lower Upper

91 100

92 58.4 40.2 74.6

