

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111124\
 Data File : VX043792.D
 Acq On : 11 Nov 2024 15:18
 Operator : JC/MD
 Sample : P4786-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E27M7

Quant Time: Nov 12 00:55:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 12 00:51:02 2024
 Response via : Initial Calibration

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

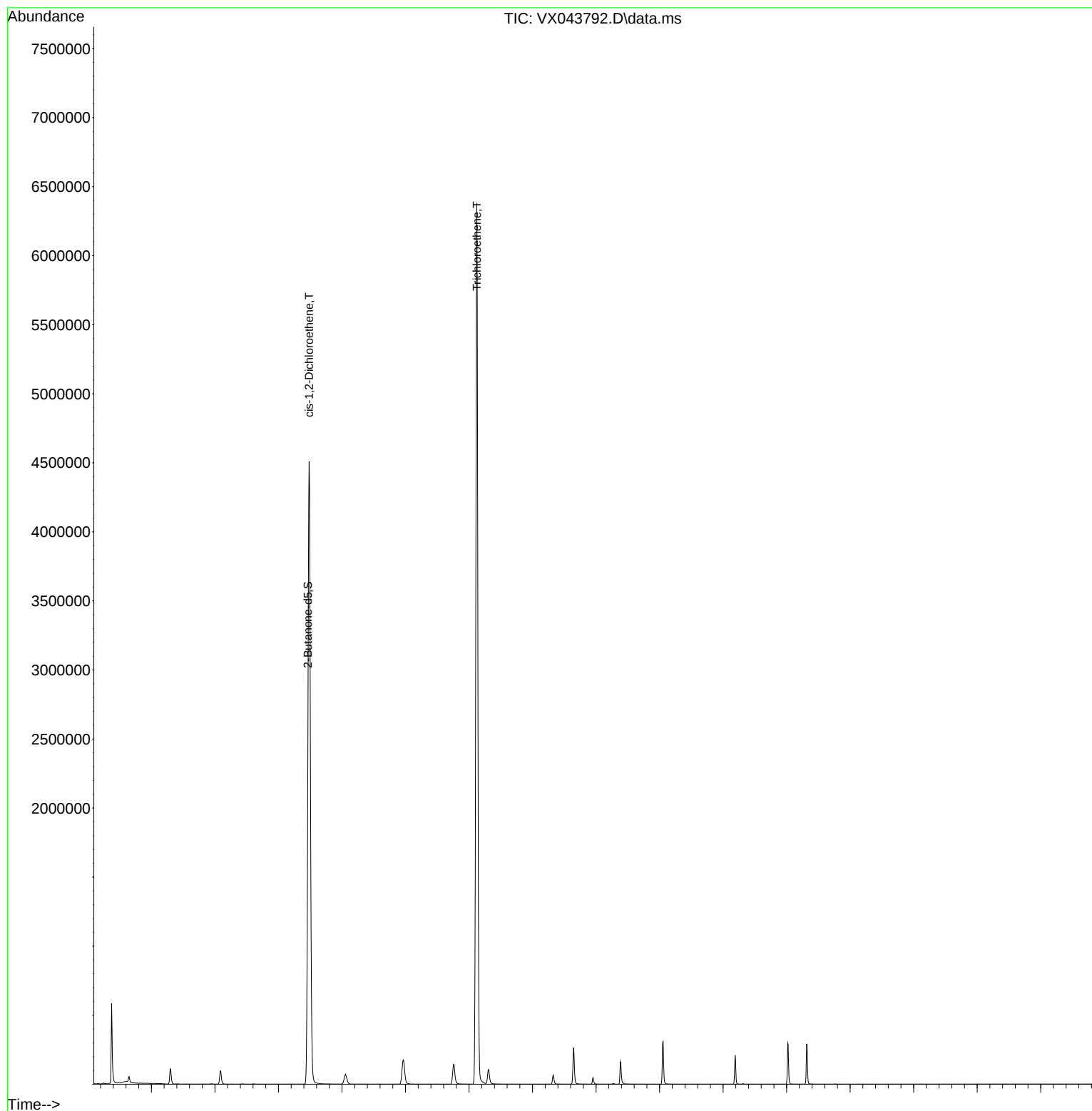
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	168377	50.000	ug/L	0.01
28) Chlorobenzene-d5	10.055	117	155889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68976	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	38476	42.894	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.780%
7) Chloroethane-d5	1.648	69	22844	59.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.500%
11) 1,1-Dichloroethene-d2	2.294	65	17521	42.312	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.620%
21) 2-Butanone-d5	4.465	46	63266	107.720	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.720%
24) Chloroform-d	5.056	84	90225	46.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	5.958	65	57878	47.115	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.240%
32) Benzene-d6	5.970	84	181446	45.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.040%
36) 1,2-Dichloropropane-d6	7.305	67	53679	43.777	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.560%
41) Toluene-d8	8.647	98	162910	44.496	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.952	79	24235	41.328	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.660%
47) 2-Hexanone-d5	9.384	63	49208	101.404	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.400%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	79019	50.226	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.460%
66) 1,2-Dichlorobenzene-d4	12.317	152	63279	52.949	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.900%
Target Compounds						
5) Vinyl chloride	1.374	62	353812	313.415	ug/L	97
12) 1,1-Dichloroethene	2.312	96	8757	9.750	ug/L #	42
17) trans-1,2-Dichloroethene	3.087	96	44186	45.727	ug/L	92
20) cis-1,2-Dichloroethene	4.483	96	3057671	2547.659	ug/L	95
34) Trichloroethene	7.123	95	2434233	2037.738	ug/L	97

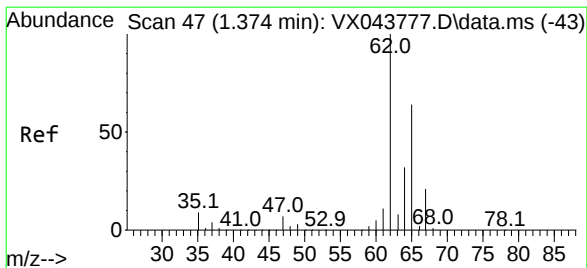
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 313.415 ug/L

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

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Instrument :

MSVOA_X

ClientSampleId :

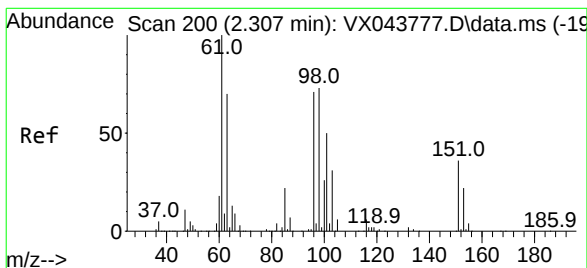
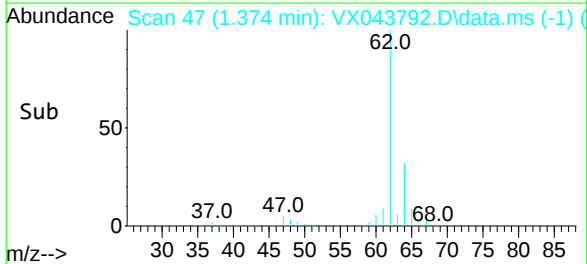
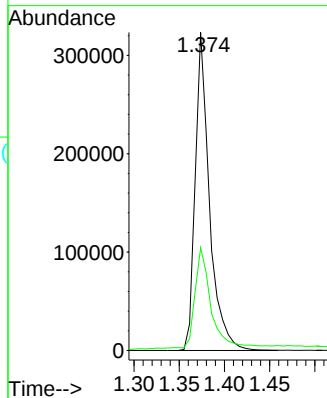
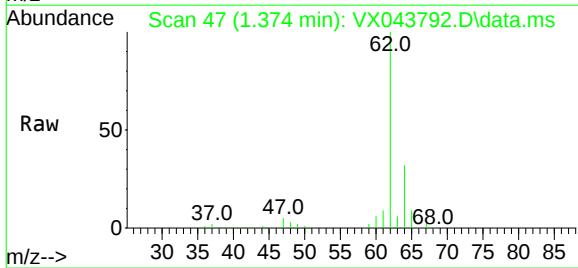
E27M7

Tgt Ion: 62 Resp: 353812

Ion Ratio Lower Upper

62 100

64 32.3 24.0 44.6



#12

1,1-Dichloroethene

Concen: 9.750 ug/L

RT: 2.312 min Scan# 201

Delta R.T. 0.006 min

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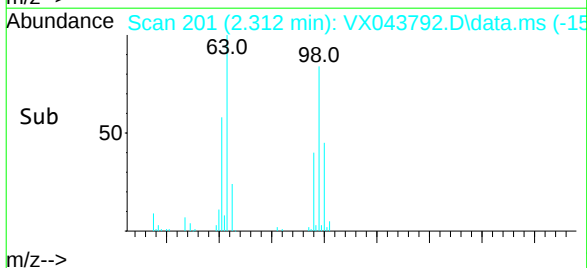
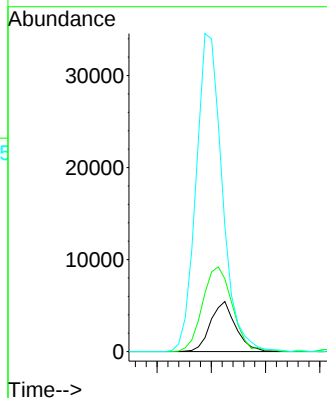
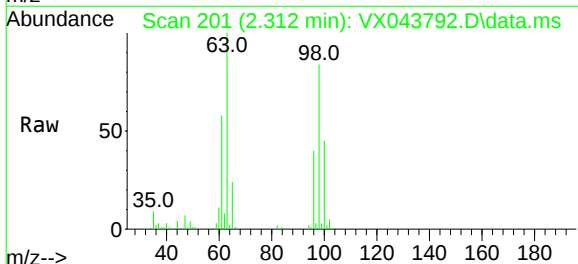
Tgt Ion: 96 Resp: 8757

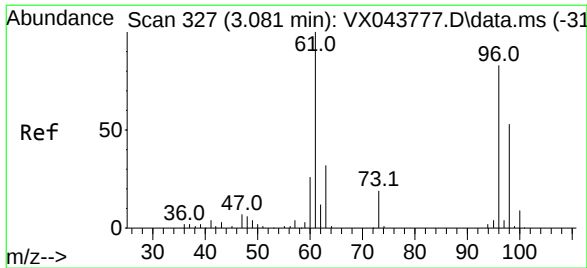
Ion Ratio Lower Upper

96 100

61 145.3 119.7 222.3

63 250.2 86.5 160.6#

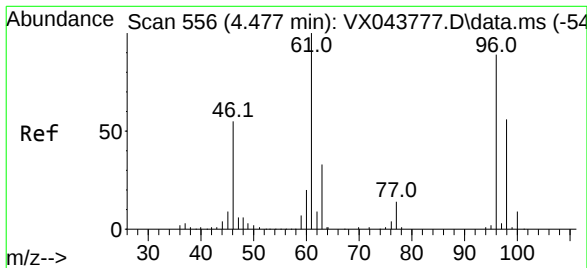
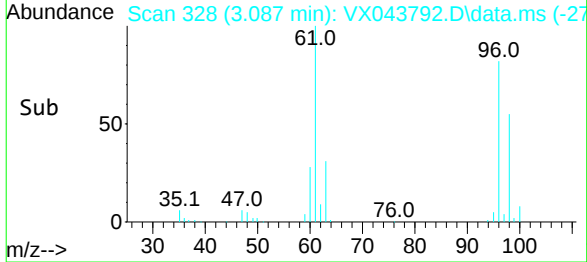
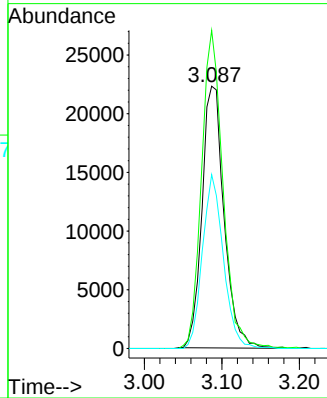
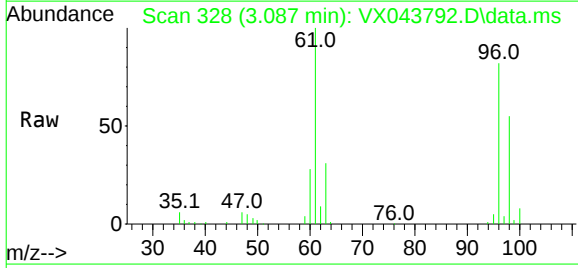




#17
trans-1,2-Dichloroethene
Concen: 45.727 ug/L
RT: 3.087 min Scan# 32
Delta R.T. 0.006 min
Lab File: VX043792.D
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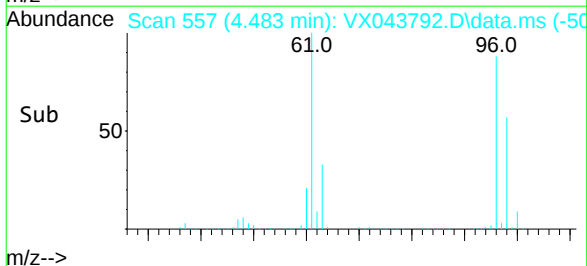
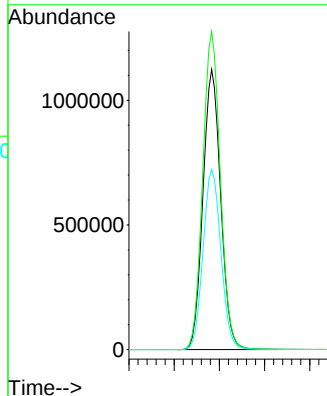
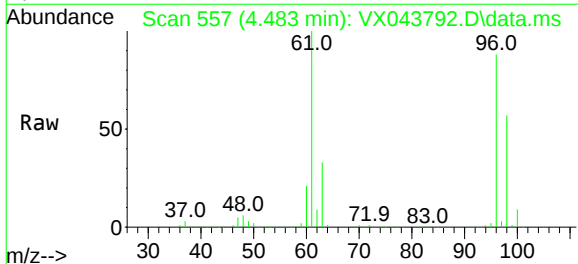
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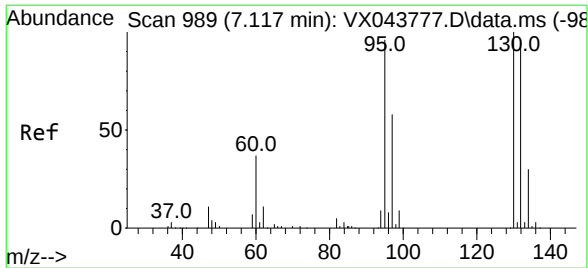
Tgt Ion: 96 Resp: 44186
Ion Ratio Lower Upper
96 100
61 121.3 93.4 173.6
98 66.3 44.1 81.9



#20
cis-1,2-Dichloroethene
Concen: 2547.659 ug/L
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX043792.D
Acq: 11 Nov 2024 15:18

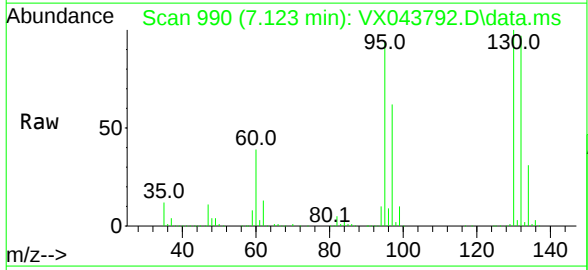
Tgt Ion: 96 Resp: 3057671
Ion Ratio Lower Upper
96 100
61 113.5 85.2 158.2
98 64.2 44.6 82.8





#34
 Trichloroethene
 Concen: 2037.738 ug/L
 RT: 7.123 min Scan# 99
 Delta R.T. 0.006 min
 Lab File: VX043792.D
 Acq: 11 Nov 2024 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 E27M7



Tgt Ion: 95 Resp: 2434233

Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.4	84.2
132	103.6	69.7	129.5
130	106.4	72.7	134.9

