

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029443.D
 Acq On : 14 Jun 2022 03:27
 Operator : JC/MD
 Sample : N3248-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

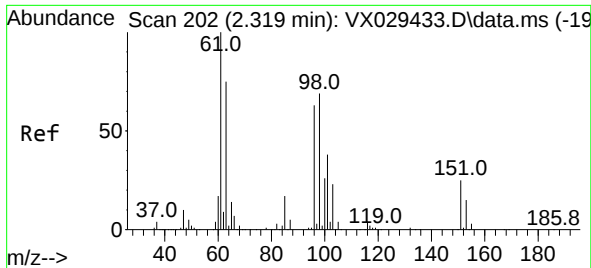
Instrument :
 MSVOA_X
 ClientSampleId :
 EXYY3

Quant Time: Jun 14 06:45:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 14 06:26:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	374193	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	336618	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	159357	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	114879	39.651	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.300%
7) Chloroethane-d5	1.666	69	87845	48.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.580%
11) 1,1-Dichloroethene-d2	2.306	63	165932	31.788	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.580%
21) 2-Butanone-d5	4.458	46	215469	98.090	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.090%
24) Chloroform-d	5.062	84	238418	43.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.958	65	158412	44.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.580%
32) Benzene-d6	5.976	84	479601	45.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
36) 1,2-Dichloropropane-d6	7.312	67	146576	47.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.200%
41) Toluene-d8	8.653	98	428522	43.229	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.460%
43) trans-1,3-Dichloroprop...	8.952	79	58273	38.374	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.740%
47) 2-Hexanone-d5	9.384	63	166380	99.886	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.890%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	216358	47.912	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.820%
66) 1,2-Dichlorobenzene-d4	12.323	152	152815	46.125	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.240%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	11292	4.451	ug/L	# 1
19) 1,1-Dichloroethane	3.611	63	82554	17.200	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	11475	3.736	ug/L	93
30) 1,1,1-Trichloroethane	5.391	97	339284	72.675	ug/L	97
34) Trichloroethene	7.129	95	15649	4.034	ug/L	95
46) Tetrachloroethene	9.275	164	10547	4.736	ug/L	93

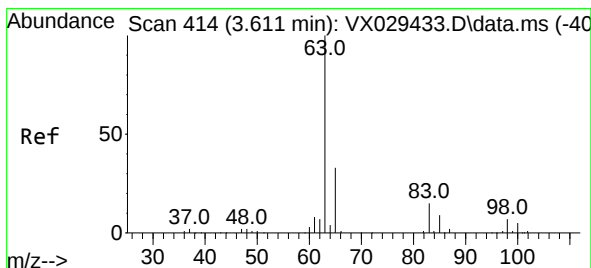
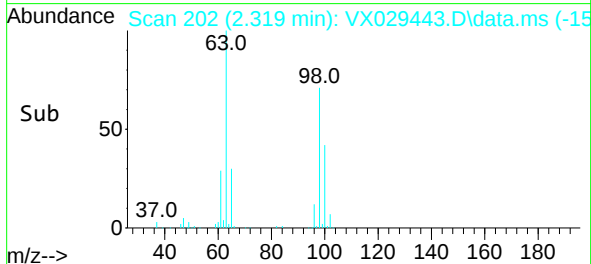
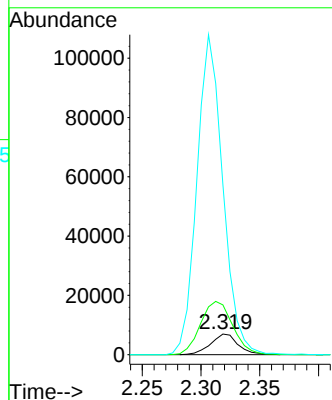
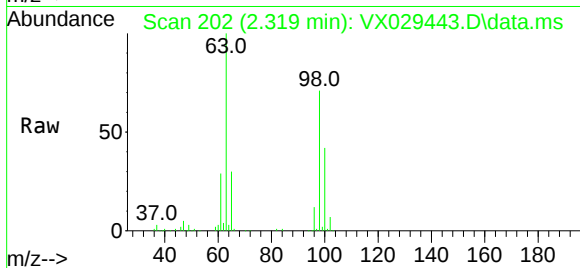
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
1,1-Dichloroethene
Concen: 4.451 ug/L
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
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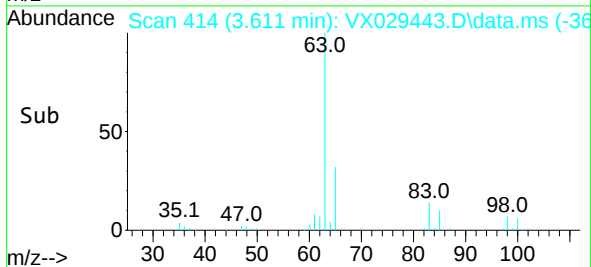
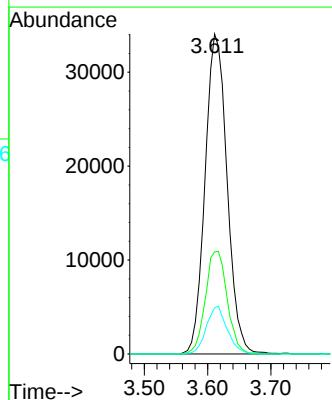
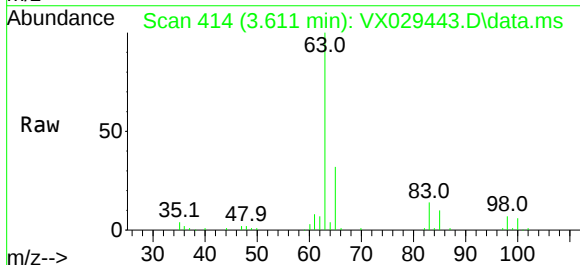
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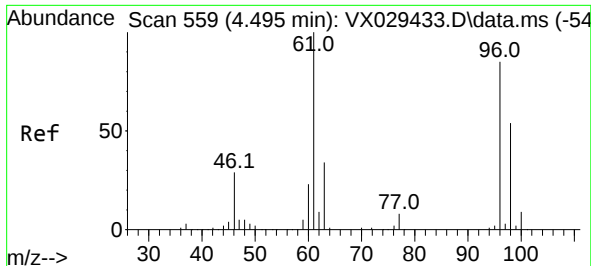
Tgt Ion: 96 Resp: 11292
Ion Ratio Lower Upper
96 100
61 240.5 118.2 219.4#
63 821.6 109.6 203.4#



#19
1,1-Dichloroethane
Concen: 17.200 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX029443.D
Acq: 14 Jun 2022 03:27

Tgt Ion: 63 Resp: 82554
Ion Ratio Lower Upper
63 100
65 31.9 22.9 42.5
83 14.4 10.1 18.9





#20

cis-1,2-Dichloroethene

Concen: 3.736 ug/L

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX029443.D

Acq: 14 Jun 2022 03:27

Instrument :

MSVOA_X

ClientSampleId :

EXYY3

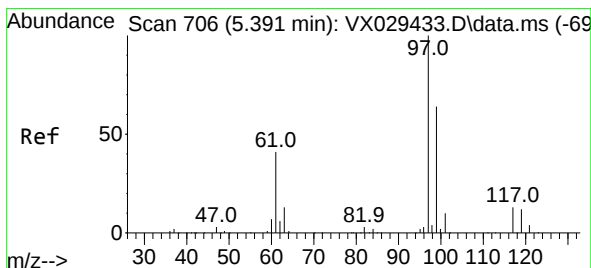
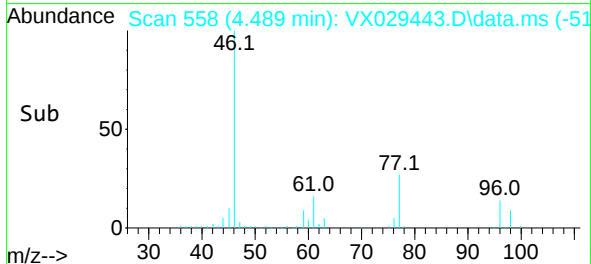
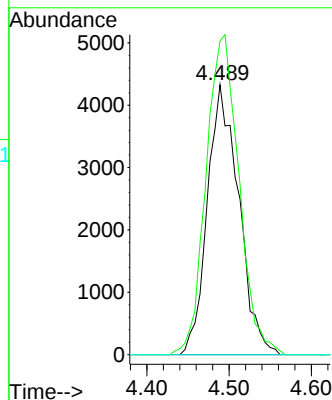
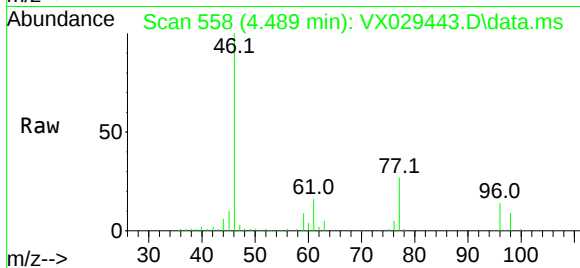
Tgt Ion: 96 Resp: 11475

Ion Ratio Lower Upper

96 100

61 116.3 86.7 161.1

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 72.675 ug/L

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029443.D

Acq: 14 Jun 2022 03:27

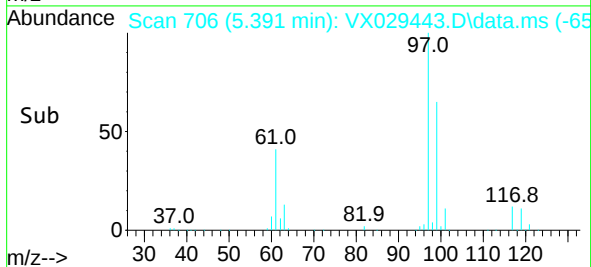
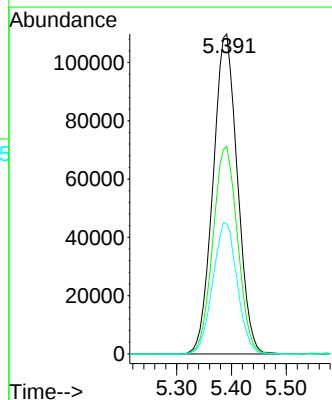
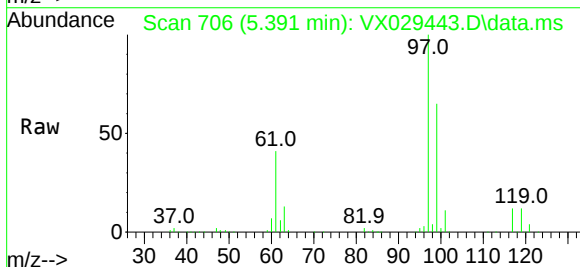
Tgt Ion: 97 Resp: 339284

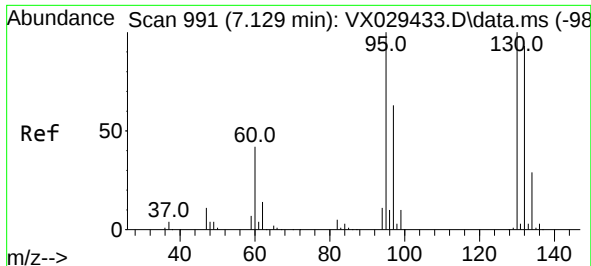
Ion Ratio Lower Upper

97 100

99 65.4 51.5 77.3

61 41.1 35.2 52.8

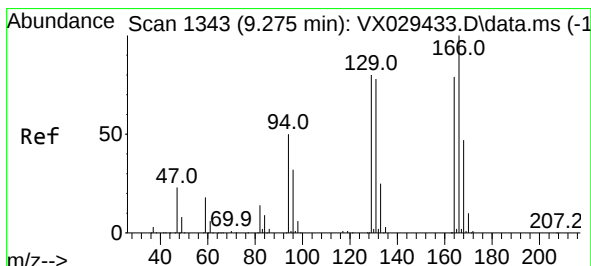
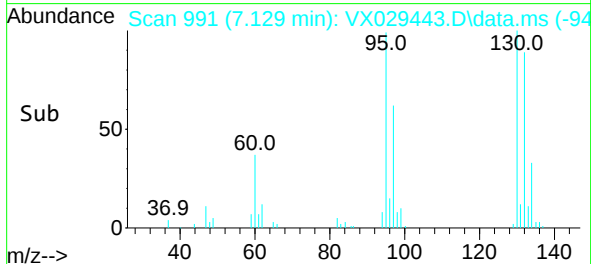
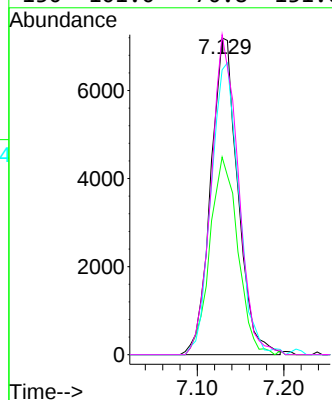
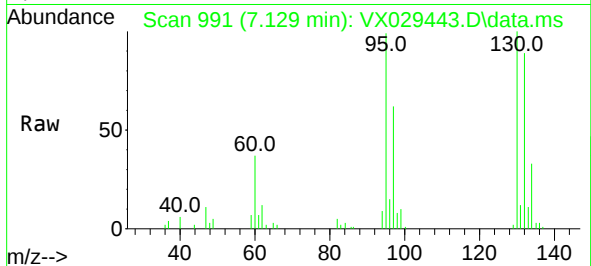




#34
Trichloroethene
Concen: 4.034 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029443.D
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Instrument :
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Tgt Ion: 95 Resp: 15649
Ion Ratio Lower Upper
95 100
97 62.4 45.5 84.5
132 89.9 69.9 129.7
130 101.0 70.8 131.6



#46
Tetrachloroethene
Concen: 4.736 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029443.D
Acq: 14 Jun 2022 03:27

Tgt Ion: 164 Resp: 10547
Ion Ratio Lower Upper
164 100
129 101.4 65.5 121.7
131 104.6 64.3 119.3
166 128.0 88.7 164.7

