

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033429.D
 Acq On : 16 Dec 2023 12:57
 Operator : SY/MD
 Sample : 05846-13DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 60 Sample Multiplier: 1

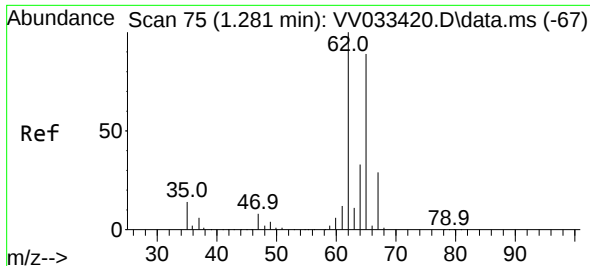
Instrument :
 MSVOA_V
 ClientSampleId :
 YCHD4DL

Quant Time: Dec 16 20:27:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	225844	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	237817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	100248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72271	41.554	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.100%		
7) Chloroethane-d5	1.532	69	69154	44.307	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.620%		
11) 1,1-Dichloroethene-d2	2.060	65	36947	42.675	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.360%		
21) 2-Butanone-d5	3.786	46	79881	91.132	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.130%		
24) Chloroform-d	4.249	84	155550	45.214	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.420%		
26) 1,2-Dichloroethane-d4	4.940	65	102616	48.555	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.100%		
32) Benzene-d6	4.960	84	286221	44.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.380%		
36) 1,2-Dichloropropane-d6	5.989	67	92049	47.351	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.700%		
41) Toluene-d8	7.246	98	242268	41.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.680%		
43) trans-1,3-Dichloroprop...	7.555	79	39396	41.351	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.700%		
47) 2-Hexanone-d5	8.024	63	56199	85.951	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.950%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	126168	45.157	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.320%		
66) 1,2-Dichlorobenzene-d4	11.561	152	97680	51.852	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.700%		
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	7891	4.309	ug/L #	80
12) 1,1-Dichloroethene	2.069	96	80420	50.531	ug/L	94
19) 1,1-Dichloroethane	3.114	63	8614	2.988	ug/L	95
30) 1,1,1-Trichloroethane	4.519	97	5286	1.800	ug/L #	88

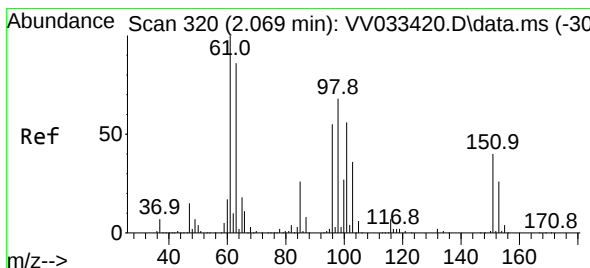
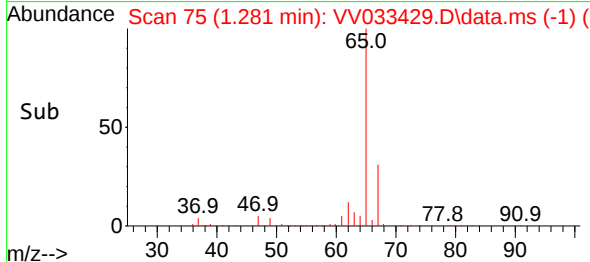
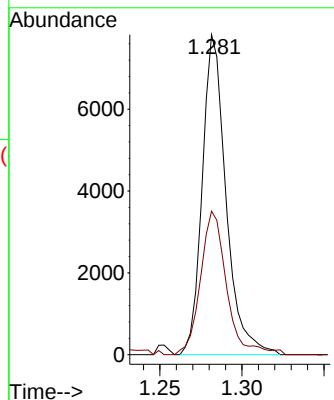
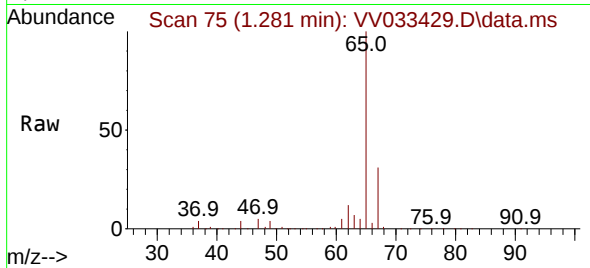
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 4.309 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
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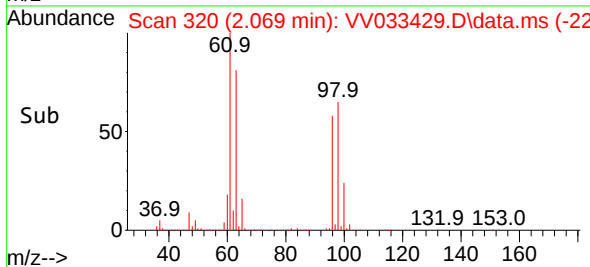
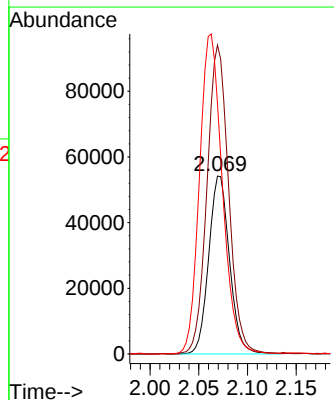
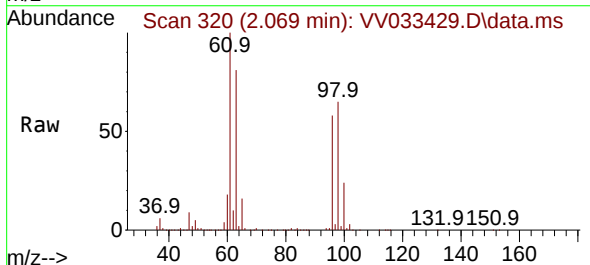
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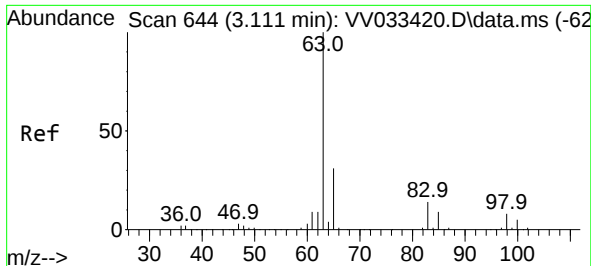
Tgt Ion: 62 Resp: 7891
 Ion Ratio Lower Upper
 62 100
 64 44.9 23.4 43.6#



#12
 1,1-Dichloroethene
 Concen: 50.531 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV033429.D
 Acq: 16 Dec 2023 12:57

Tgt Ion: 96 Resp: 80420
 Ion Ratio Lower Upper
 96 100
 61 173.7 124.3 230.8
 63 140.7 108.1 200.7





#19

1,1-Dichloroethane

Concen: 2.988 ug/L

RT: 3.114 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV033429.D

Acq: 16 Dec 2023 12:57

Instrument :

MSVOA_V

ClientSampleId :

YCHD4DL

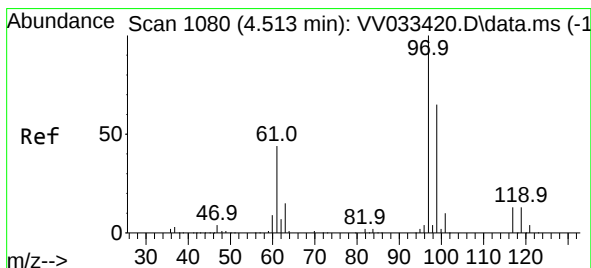
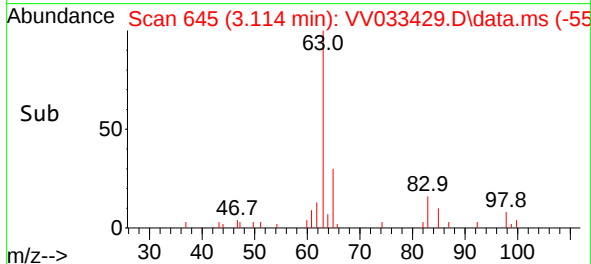
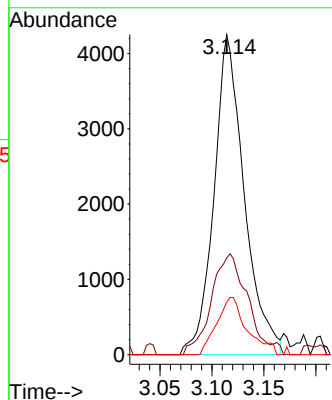
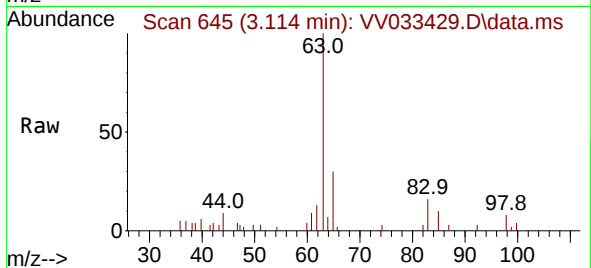
Tgt Ion: 63 Resp: 8614

Ion Ratio Lower Upper

63 100

65 32.7 21.1 39.3

83 16.4 9.7 17.9



#30

1,1,1-Trichloroethane

Concen: 1.800 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VV033429.D

Acq: 16 Dec 2023 12:57

Tgt Ion: 97 Resp: 5286

Ion Ratio Lower Upper

97 100

99 62.7 51.8 77.6

61 26.9 34.8 52.2#

