

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033428.D
 Acq On : 16 Dec 2023 12:34
 Operator : SY/MD
 Sample : 05846-12DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:27:06 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)

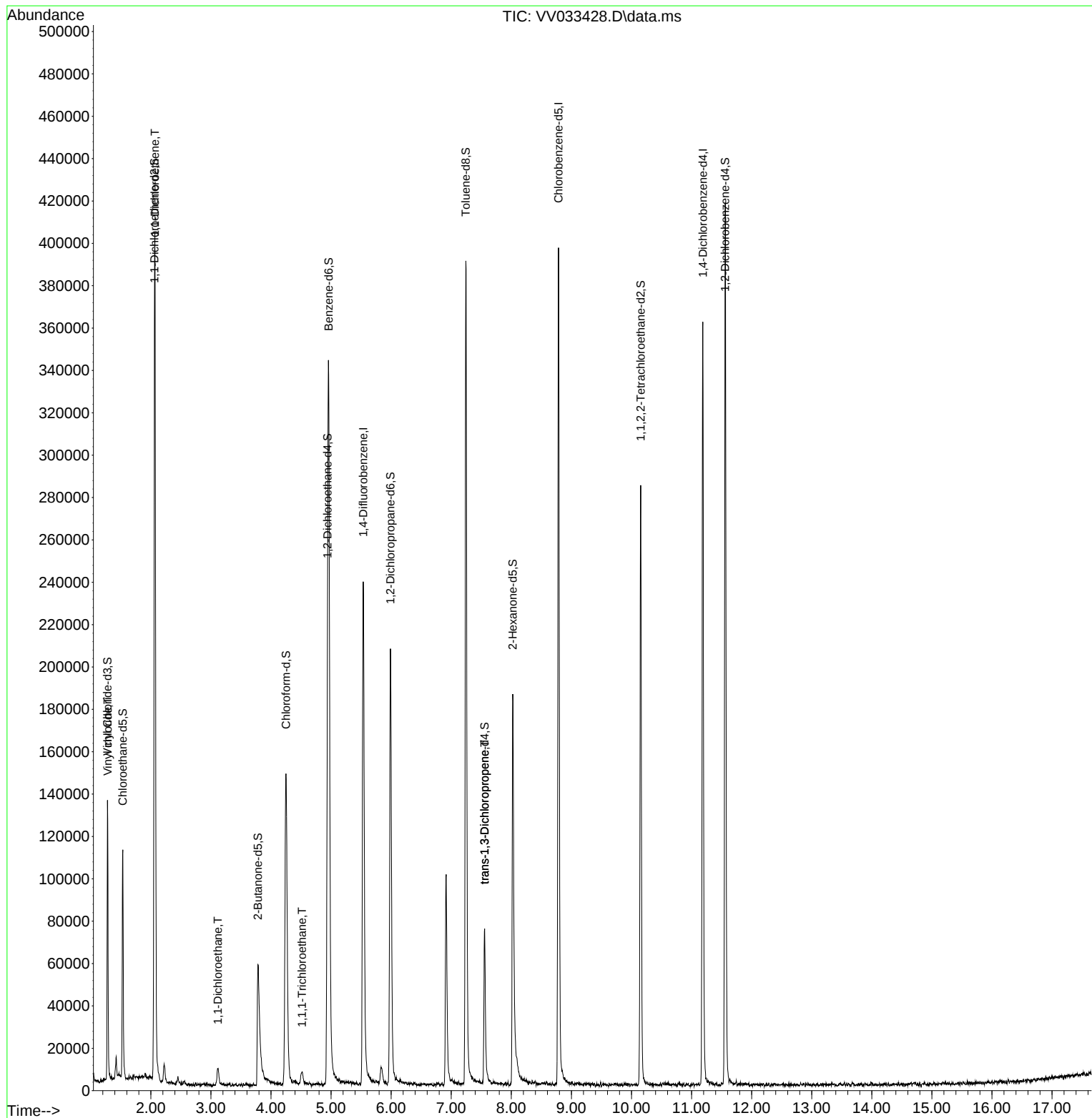
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	206112	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	214407	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	90929	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75148	47.345	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.680%		
7) Chloroethane-d5	1.532	69	69539	48.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.640%		
11) 1,1-Dichloroethene-d2	2.060	65	38007	48.102	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.200%		
21) 2-Butanone-d5	3.783	46	89896	112.376	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.380%		
24) Chloroform-d	4.249	84	158342	50.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.860%		
26) 1,2-Dichloroethane-d4	4.941	65	105535	54.716	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.440%		
32) Benzene-d6	4.960	84	293850	50.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.780%		
36) 1,2-Dichloropropane-d6	5.989	67	92063	52.529	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.060%		
41) Toluene-d8	7.243	98	254393	48.145	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.280%		
43) trans-1,3-Dichloroprop...	7.555	79	41400	48.199	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.400%		
47) 2-Hexanone-d5	8.024	63	61864	104.946	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.950%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	129709	51.493	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.980%		
66) 1,2-Dichlorobenzene-d4	11.561	152	100838	59.014	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	118.020%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	8180	4.895	ug/L	85
12) 1,1-Dichloroethene	2.069	96	72979	50.246	ug/L	98
19) 1,1-Dichloroethane	3.114	63	7992	3.037	ug/L	93
30) 1,1,1-Trichloroethane	4.516	97	4307	1.627	ug/L #	84
44) trans-1,3-Dichloropropene	7.555	75	2365	1.045	ug/L	90

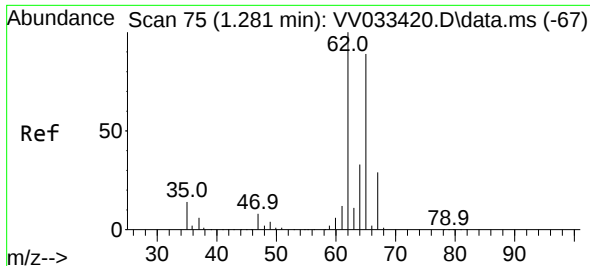
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 16 20:24:09 2023
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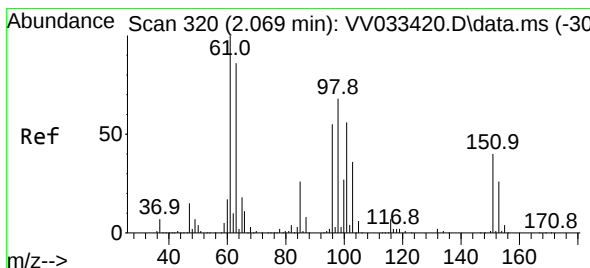
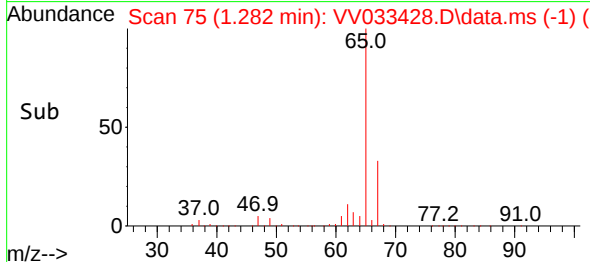
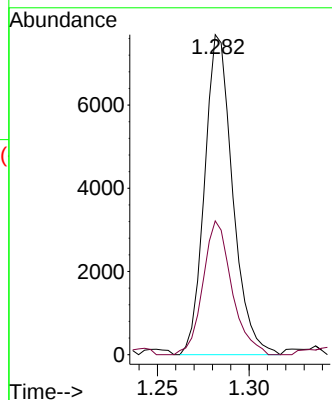
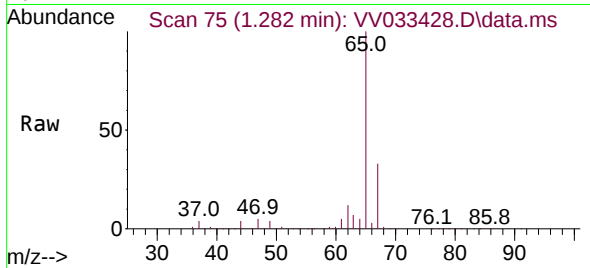




#5
 Vinyl chloride
 Concen: 4.895 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV033428.D
 Acq: 16 Dec 2023 12:34

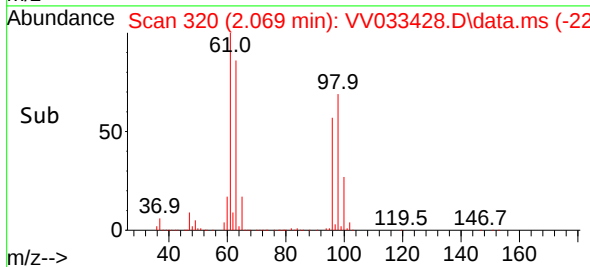
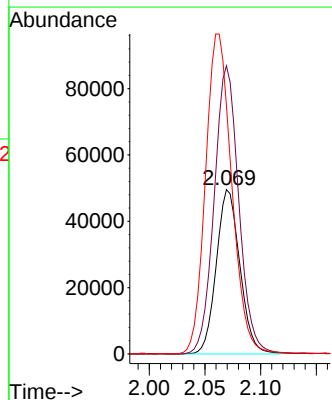
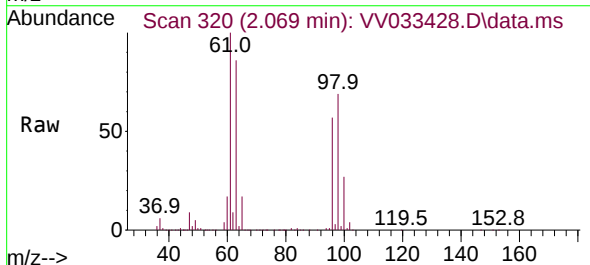
Instrument :
 MSVOA_V
 ClientSampleId :

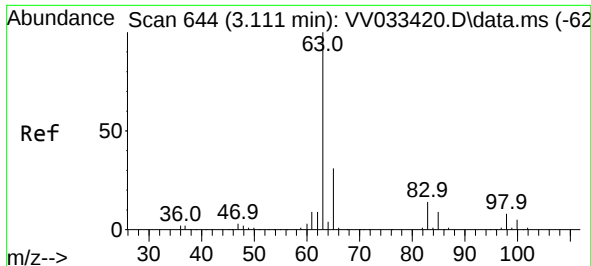
Tgt Ion: 62 Resp: 8180
 Ion Ratio Lower Upper
 62 100
 64 41.8 23.4 43.6



#12
 1,1-Dichloroethene
 Concen: 50.246 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV033428.D
 Acq: 16 Dec 2023 12:34

Tgt Ion: 96 Resp: 72979
 Ion Ratio Lower Upper
 96 100
 61 175.4 124.3 230.8
 63 151.1 108.1 200.7





#19

1,1-Dichloroethane

Concen: 3.037 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033428.D

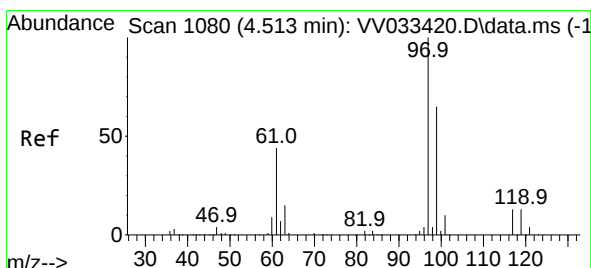
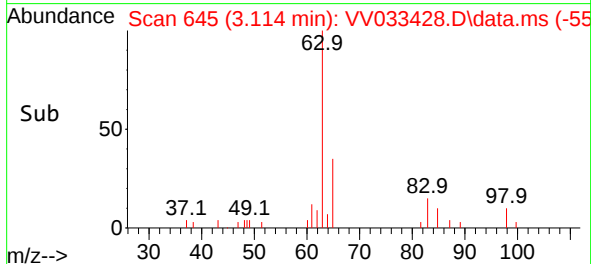
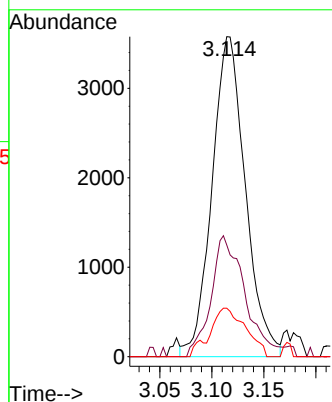
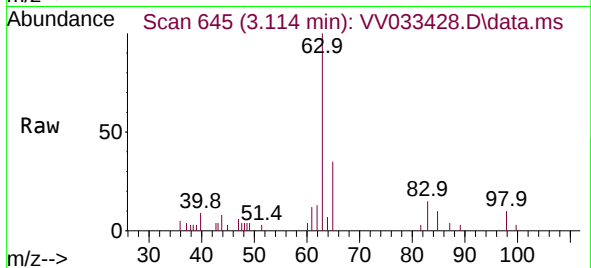
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 7992
Ion Ratio	Lower Upper
63 100	
65 34.9	21.1 39.3
83 15.2	9.7 17.9



#30

1,1,1-Trichloroethane

Concen: 1.627 ug/L

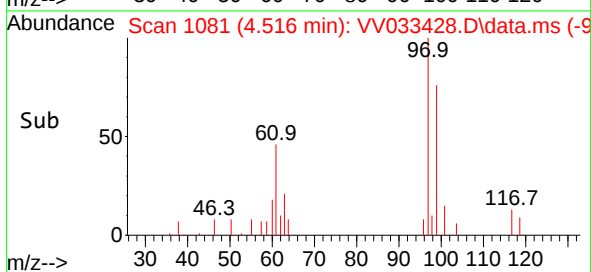
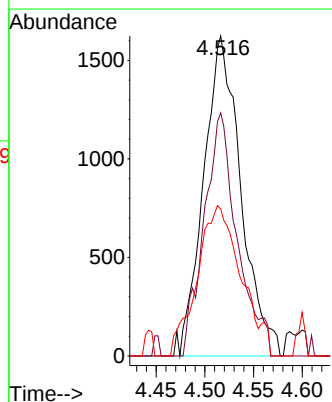
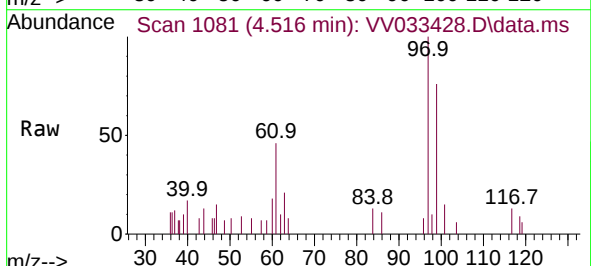
RT: 4.516 min Scan# 1081

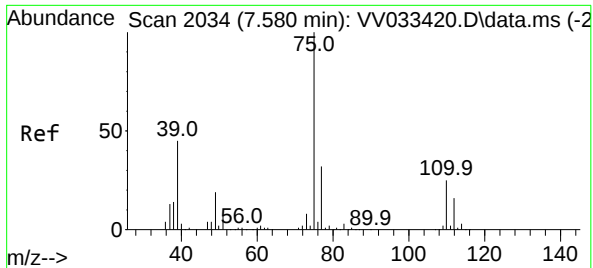
Delta R.T. 0.003 min

Lab File: VV033428.D

Acq: 16 Dec 2023 12:34

Tgt Ion: 97	Resp: 4307
Ion Ratio	Lower Upper
97 100	
99 51.2	51.8 77.6#
61 53.2	34.8 52.2#





#44
 trans-1,3-Dichloropropene
 Concen: 1.045 ug/L
 RT: 7.555 min Scan# 20
 Delta R.T. -0.026 min
 Lab File: VV033428.D
 Acq: 16 Dec 2023 12:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 2365
 Ion Ratio Lower Upper
 75 100
 77 37.5 22.4 41.6

