

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 :

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)

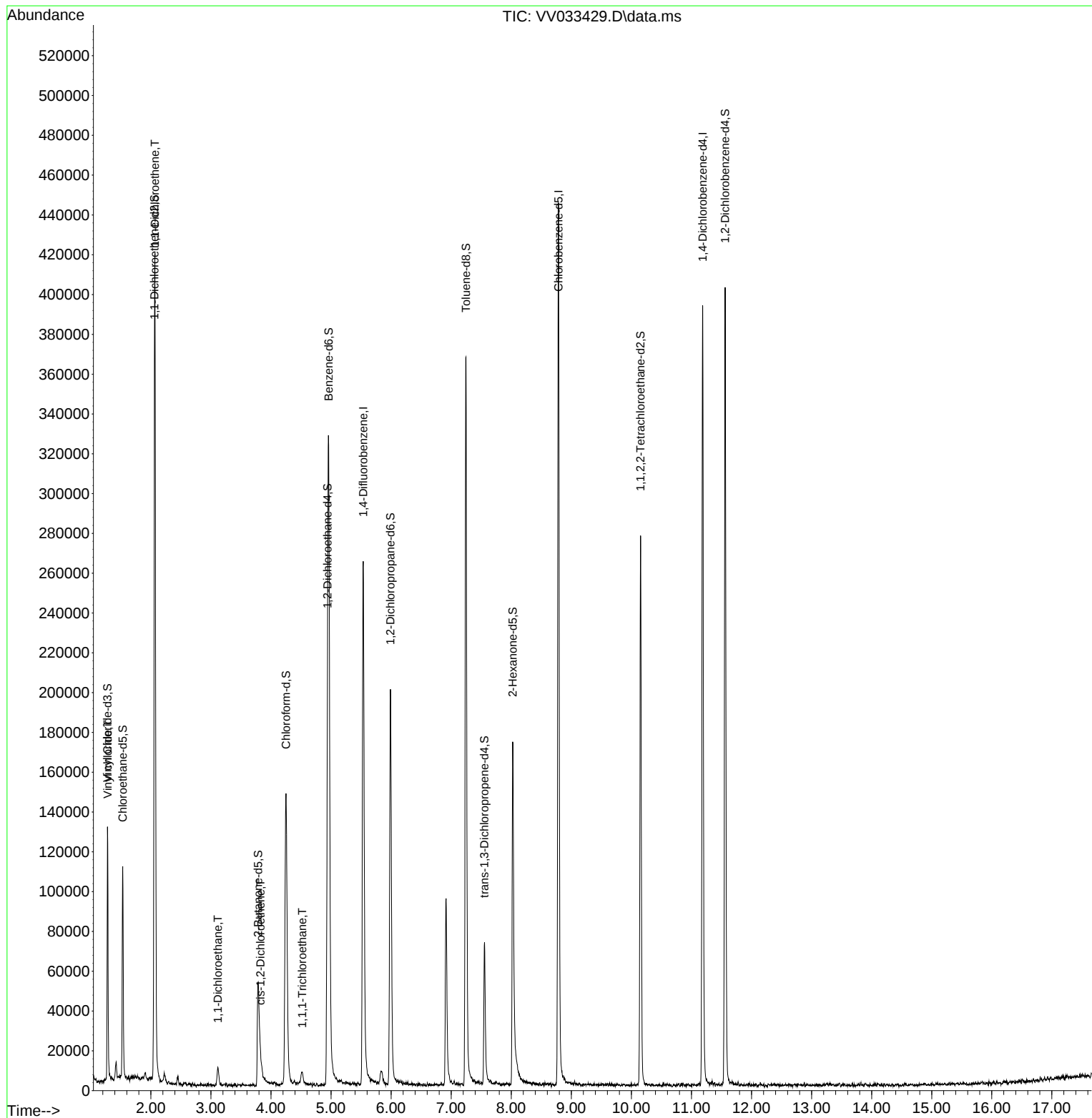
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	225844	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	237817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	100248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72271	41.554	ug/L	0.00
Spiked Amount	50.000	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
20) cis-1,2-Dichloroethene	3.825	96	1394	0.817	ug/L #	73
30) 1,1,1-Trichloroethane	4.519	97	5286	1.800	ug/L #	88

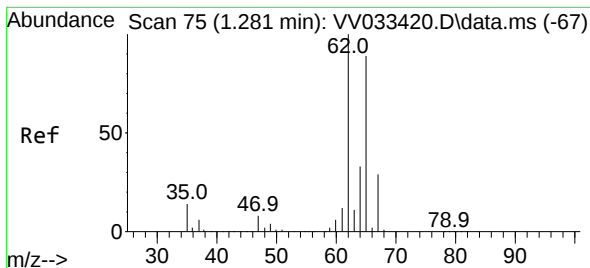
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033429.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 :

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





#5

Vinyl chloride

Concen: 4.309 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV033429.D

Acq: 16 Dec 2023 12:57

Instrument :

MSVOA_V

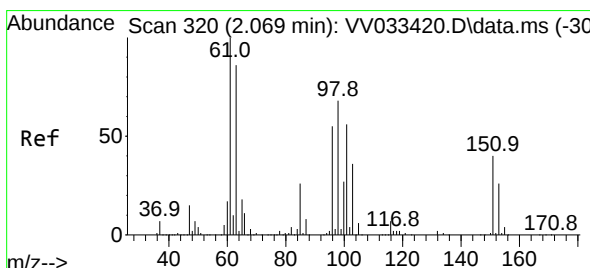
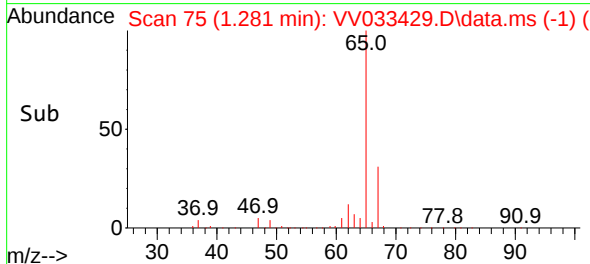
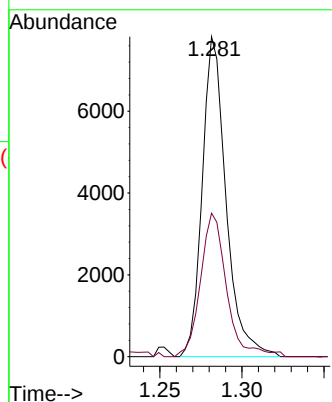
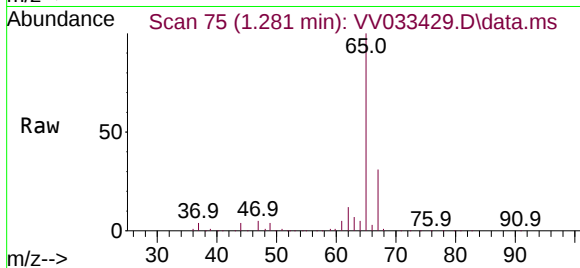
ClientSampleId :

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

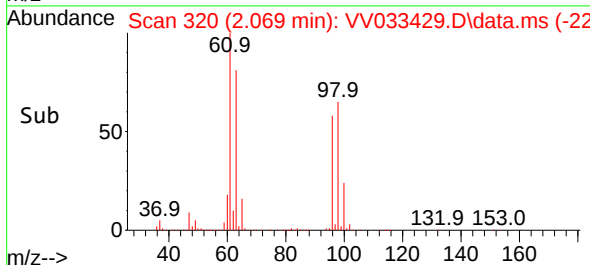
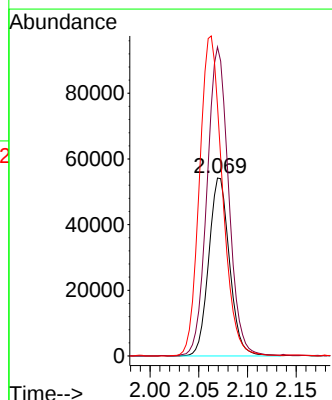
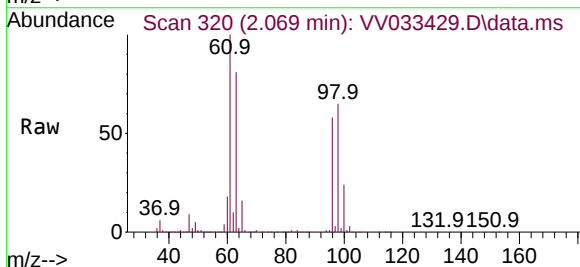
Tgt Ion: 96 Resp: 80420

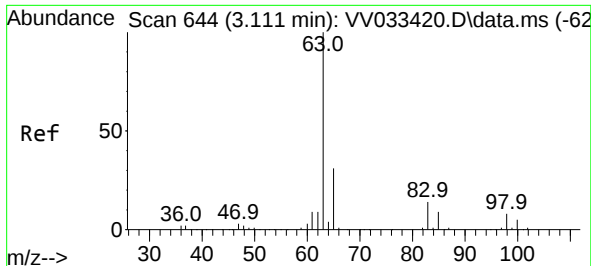
Ion Ratio Lower Upper

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

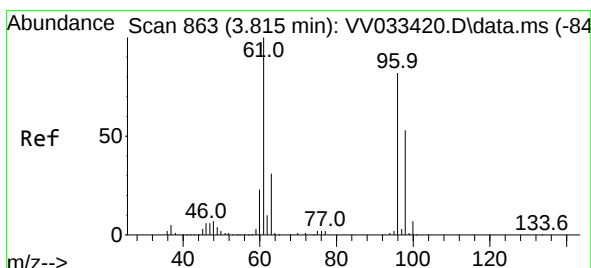
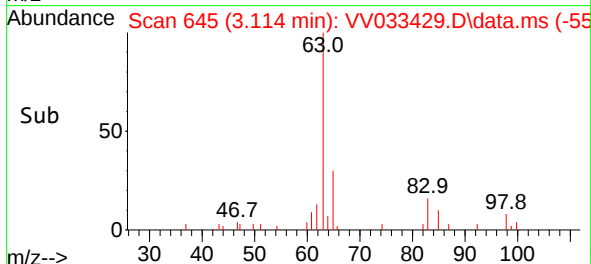
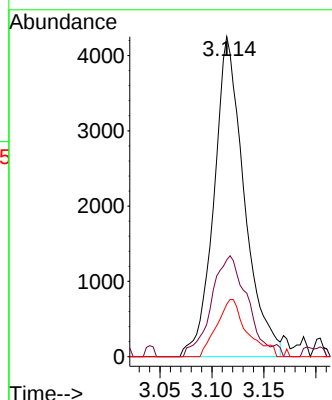
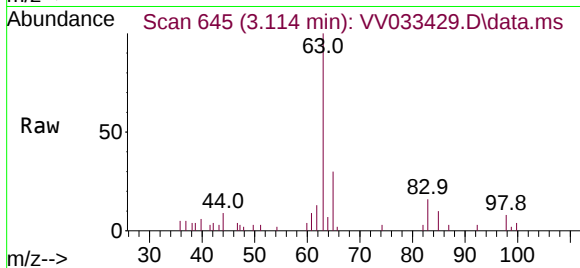
Acq: 16 Dec 2023 12:57

Instrument :

MSVOA_V

ClientSampleId :

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



#20

cis-1,2-Dichloroethene

Concen: 0.817 ug/L

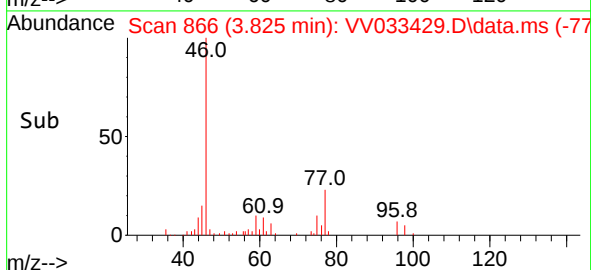
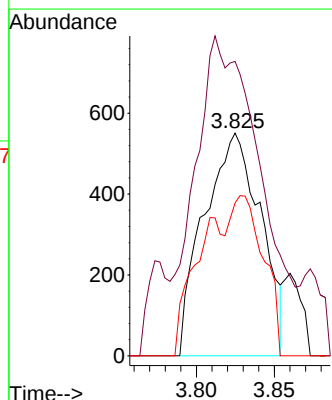
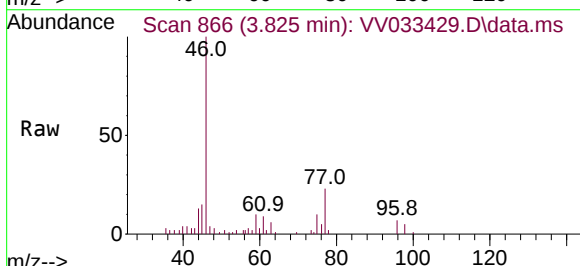
RT: 3.825 min Scan# 866

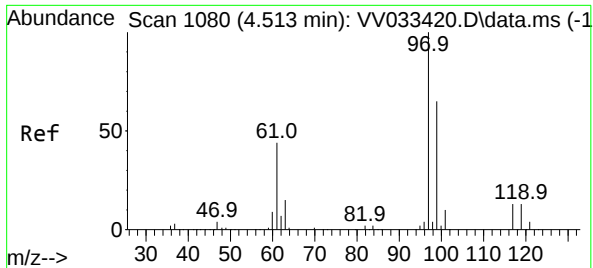
Delta R.T. 0.010 min

Lab File: VV033429.D

Acq: 16 Dec 2023 12:57

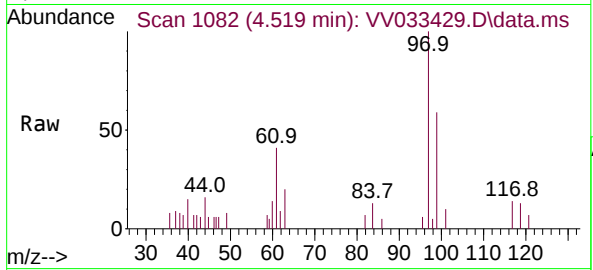
Tgt Ion: 96	Resp: 1394
Ion Ratio	Lower Upper
96	100
61	158.4 81.9 152.1#
98	68.6 44.3 82.3





#30
 1,1,1-Trichloroethane
 Concen: 1.800 ug/L
 RT: 4.519 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VV033429.D
 Acq: 16 Dec 2023 12:57

Instrument :
 MSVOA_V
 ClientSampleId :



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#

