

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037075.D
 Acq On : 27 Aug 2024 11:14
 Operator : SY/MD
 Sample : P3691-16DL 5X
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 04:18:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 04:16:12 2024
 Response via : Initial Calibration

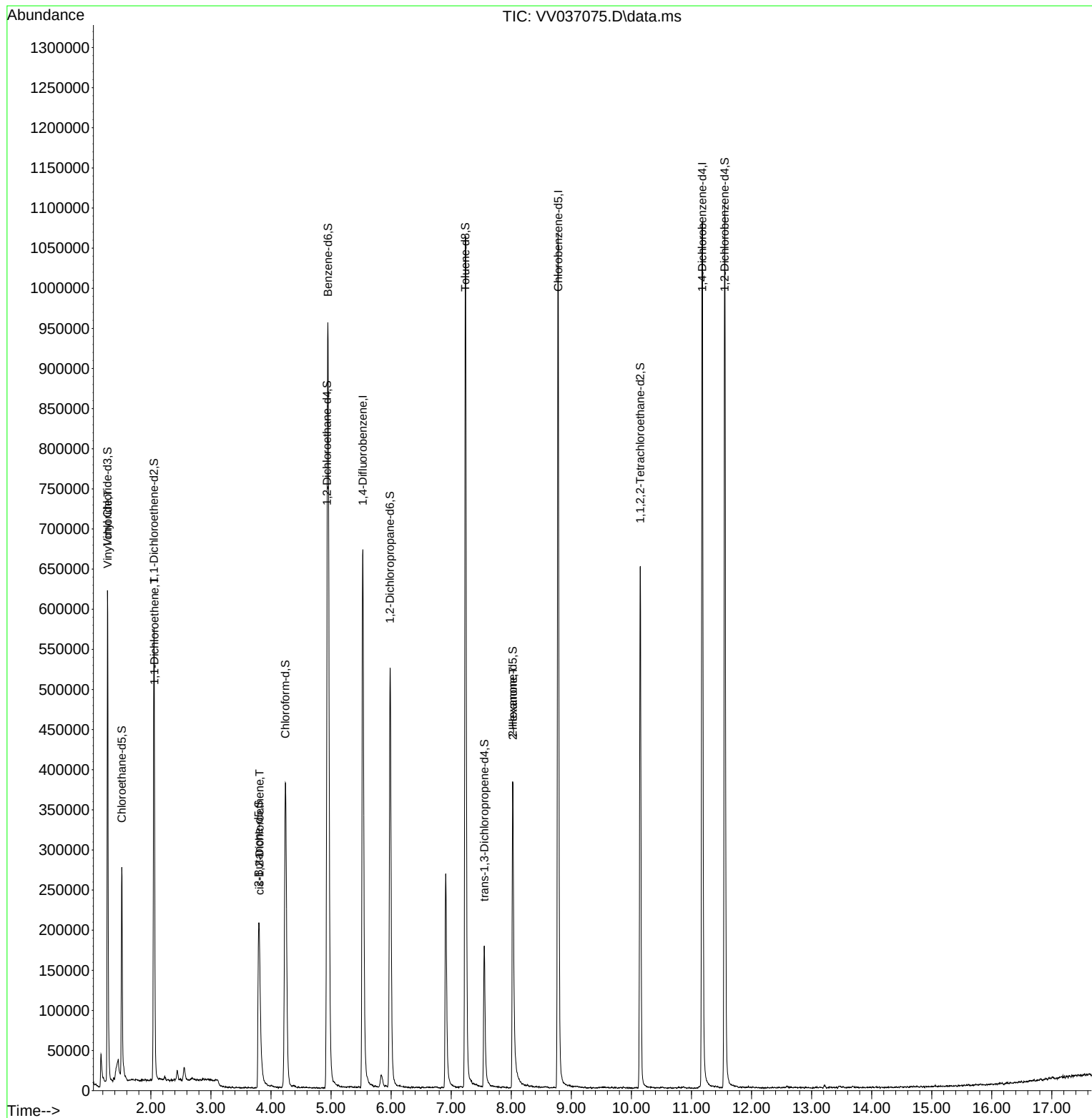
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	591507	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	568324	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	271482	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	201803	37.296	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.600%
7) Chloroethane-d5	1.516	69	184136	44.032	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.060%
11) 1,1-Dichloroethene-d2	2.053	65	95409	41.953	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.900%
21) 2-Butanone-d5	3.793	46	217094	103.607	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.610%
24) Chloroform-d	4.240	84	401056	47.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.720%
26) 1,2-Dichloroethane-d4	4.934	65	258433	48.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.920%
32) Benzene-d6	4.950	84	801450	46.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.380%
36) 1,2-Dichloropropane-d6	5.982	67	258338	48.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.100%
41) Toluene-d8	7.236	98	708723	45.747	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.500%
43) trans-1,3-Dichloroprop...	7.551	79	107620	43.266	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.540%
47) 2-Hexanone-d5	8.024	63	137626	93.793	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.790%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	319131	48.942	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.880%
66) 1,2-Dichlorobenzene-d4	11.554	152	269626	49.589	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.180%
Target Compounds						
5) Vinyl chloride	1.282	62	232106	43.983	ug/L	97
12) 1,1-Dichloroethene	2.060	96	4182	1.084	ug/L #	1
20) cis-1,2-Dichloroethene	3.809	96	50826	11.481	ug/L	97
48) 2-Hexanone	8.027	43	15943	4.612	ug/L #	76

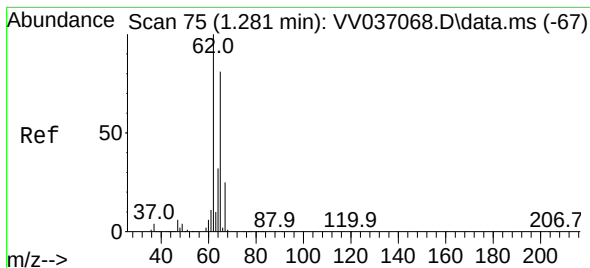
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 43.983 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

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Instrument :

MSVOA_V

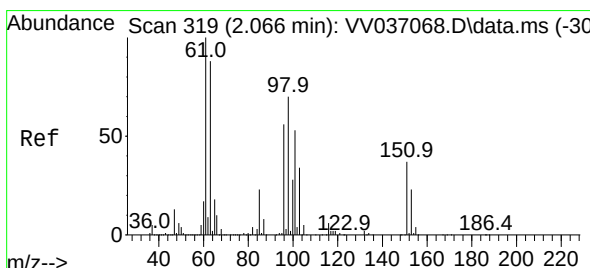
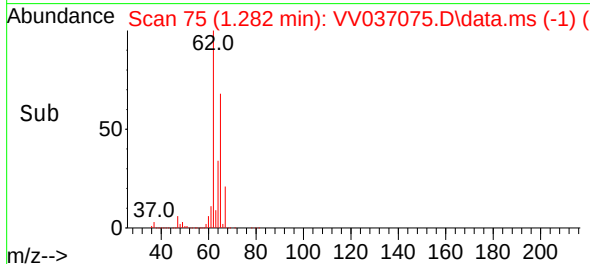
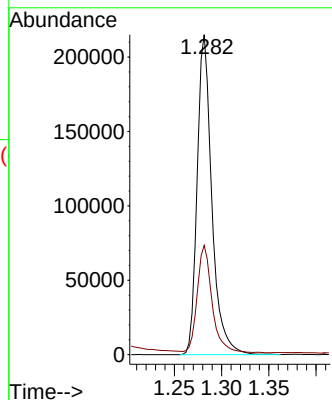
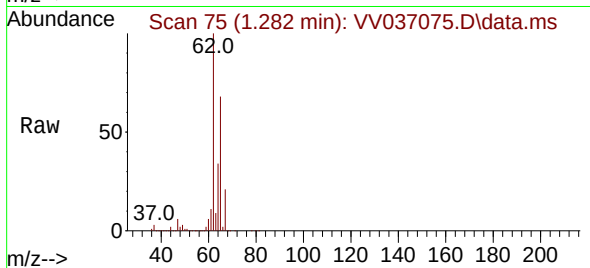
ClientSampleId :

Tgt Ion: 62 Resp: 232106

Ion Ratio Lower Upper

62 100

64 34.2 22.8 42.4



#12

1,1-Dichloroethene

Concen: 1.084 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.006 min

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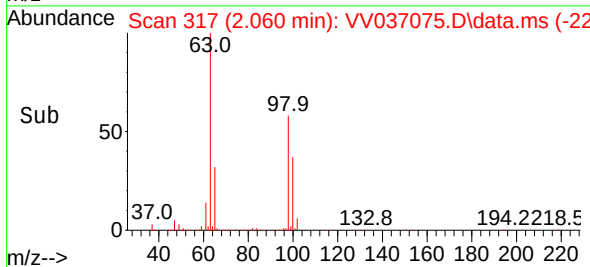
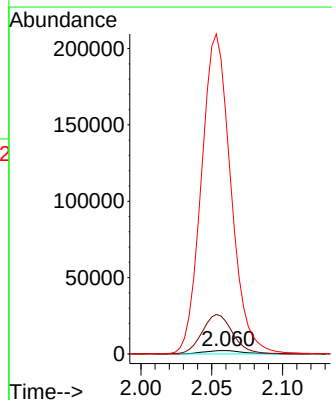
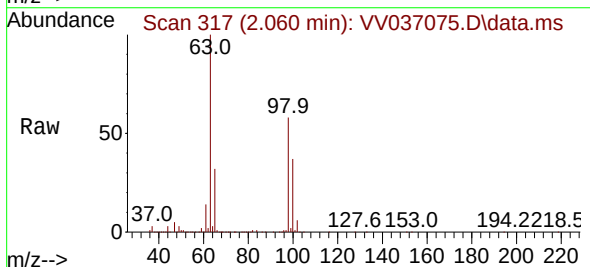
Tgt Ion: 96 Resp: 4182

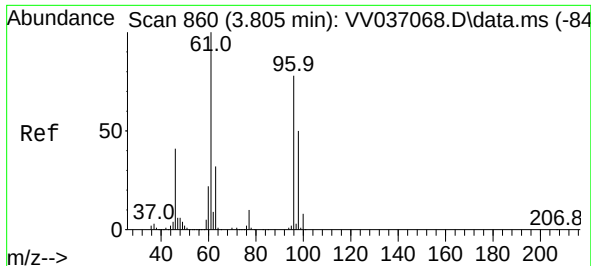
Ion Ratio Lower Upper

96 100

61 985.8 123.8 229.8#

63 7249.6 96.5 179.1#





#20

cis-1,2-Dichloroethene

Concen: 11.481 ug/L

RT: 3.809 min Scan# 8

Delta R.T. 0.003 min

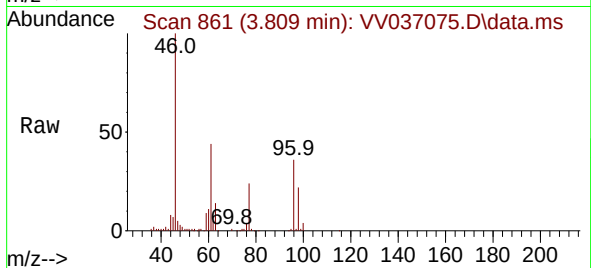
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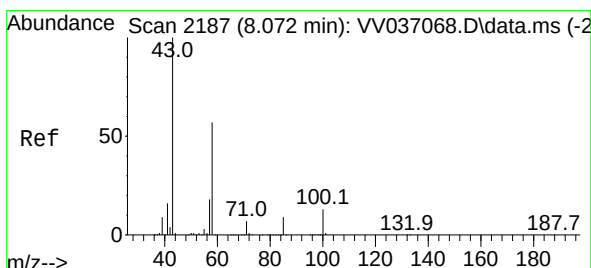
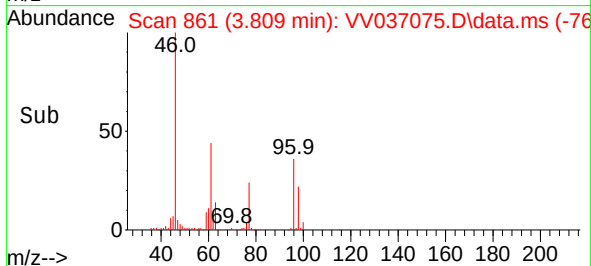
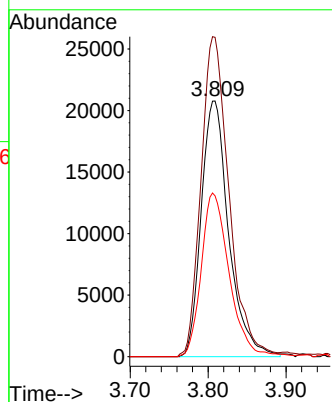
Tgt Ion: 96 Resp: 50826

Ion Ratio Lower Upper

96 100

61 124.9 89.9 166.9

98 62.9 44.8 83.2



#48

2-Hexanone

Concen: 4.612 ug/L

RT: 8.027 min Scan# 2173

Delta R.T. -0.045 min

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Acq: 27 Aug 2024 11:14

Tgt Ion: 43 Resp: 15943

Ion Ratio Lower Upper

43 100

58 37.8 46.0 69.0#

57 28.1 15.6 23.4#

100 5.9 10.6 16.0#

