

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082824\
 Data File : VV037132.D
 Acq On : 28 Aug 2024 15:50
 Operator : SY/MD
 Sample : P3692-23RE
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

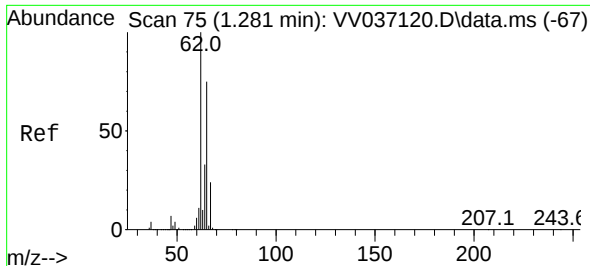
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 29 04:47:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 04:43:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	595161	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	572170	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	266835	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	271680	49.902	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	99.800%	
7) Chloroethane-d5	1.532	69	210909	50.125	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	100.240%	
11) 1,1-Dichloroethene-d2	2.056	65	114287	49.945	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	99.900%	
21) 2-Butanone-d5	3.796	46	233870	110.928	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	110.930%	
24) Chloroform-d	4.243	84	431007	50.583	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.160%	
26) 1,2-Dichloroethane-d4	4.937	65	274968	51.243	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.480%	
32) Benzene-d6	4.953	84	880949	50.976	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.960%	
36) 1,2-Dichloropropane-d6	5.986	67	275719	50.938	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.880%	
41) Toluene-d8	7.240	98	772598	49.535	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.080%	
43) trans-1,3-Dichloroprop...	7.551	79	117459	46.904	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.800%	
47) 2-Hexanone-d5	8.024	63	162873	110.252	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	110.250%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	344185	52.429	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	104.860%	
66) 1,2-Dichlorobenzene-d4	11.555	152	278044	52.027	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.060%	
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	9066	1.707	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	3719	0.902	ug/L #	29
12) 1,1-Dichloroethene	2.060	96	3070	0.791	ug/L #	1
19) 1,1-Dichloroethane	3.105	63	16159	2.019	ug/L	98
35) Methylcyclohexane	5.986	83	66088	9.333	ug/L #	20
48) 2-Hexanone	8.027	43	20243	5.816	ug/L #	74

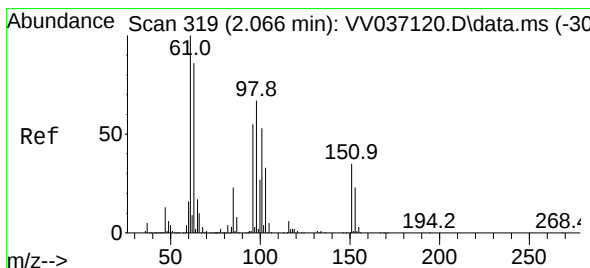
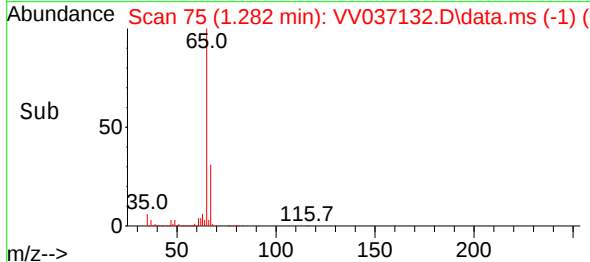
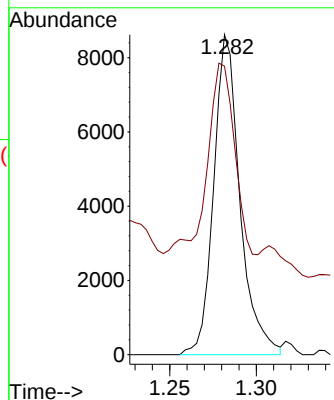
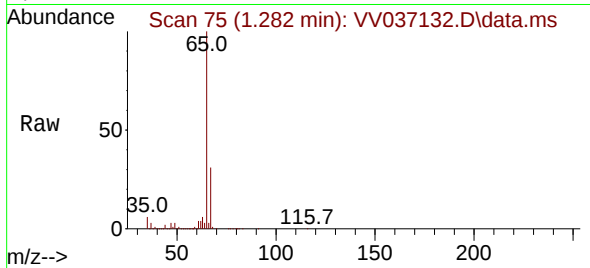
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 1.707 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV037132.D
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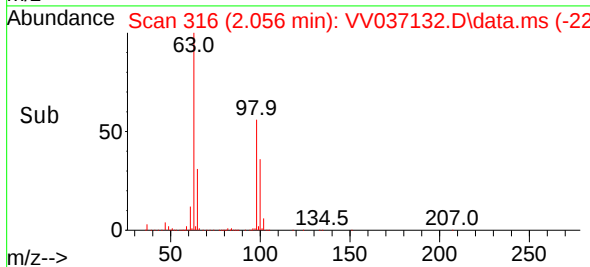
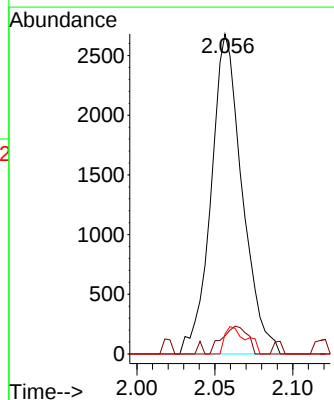
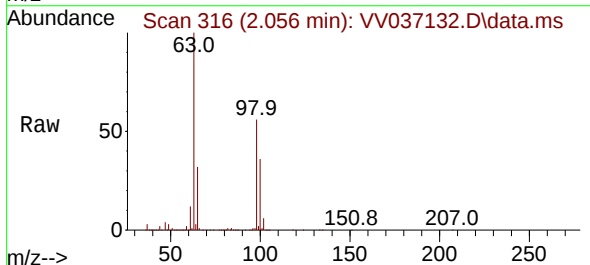
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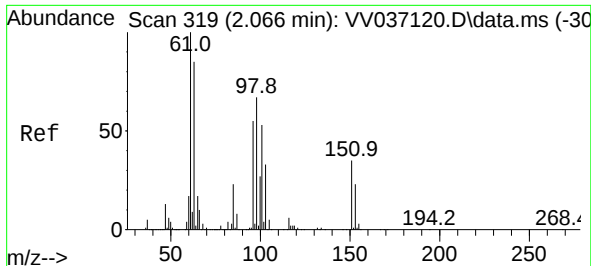
Tgt Ion: 62 Resp: 9066
 Ion Ratio Lower Upper
 62 100
 64 90.1 22.8 42.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.902 ug/L
 RT: 2.056 min Scan# 316
 Delta R.T. -0.009 min
 Lab File: VV037132.D
 Acq: 28 Aug 2024 15:50

Tgt Ion: 101 Resp: 3719
 Ion Ratio Lower Upper
 101 100
 85 7.0 35.6 53.4#
 151 4.5 55.0 82.4#





#12

1,1-Dichloroethene

Concen: 0.791 ug/L

RT: 2.060 min Scan# 319

Delta R.T. -0.006 min

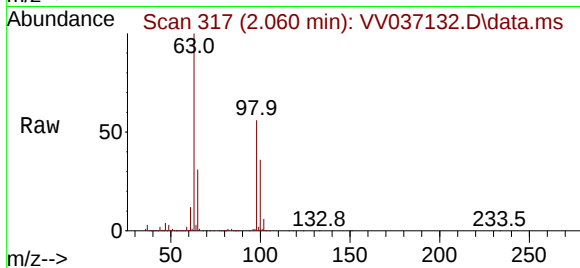
Lab File: VV037132.D

Acq: 28 Aug 2024 15:50

Instrument :

MSVOA_V

ClientSampleId :



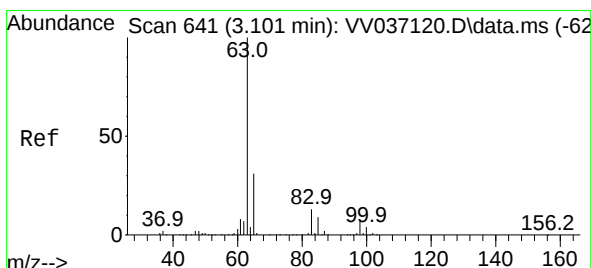
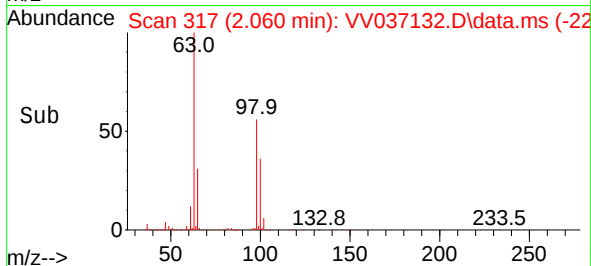
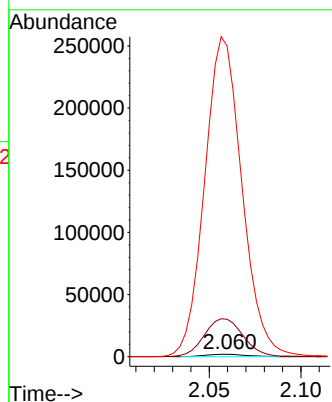
Tgt Ion: 96 Resp: 3070

Ion Ratio Lower Upper

96 100

61 1513.9 123.8 229.8#

63 12568.3 96.5 179.1#



#19

1,1-Dichloroethane

Concen: 2.019 ug/L

RT: 3.105 min Scan# 642

Delta R.T. 0.003 min

Lab File: VV037132.D

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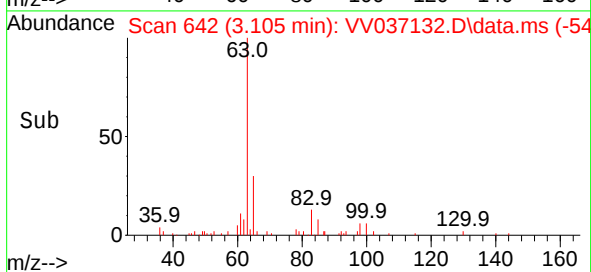
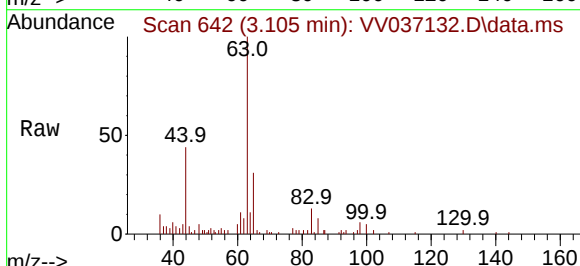
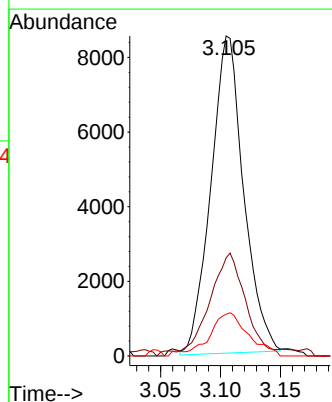
Tgt Ion: 63 Resp: 16159

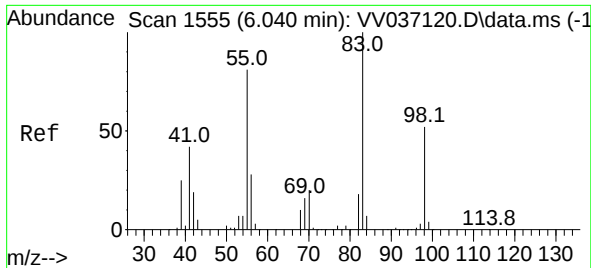
Ion Ratio Lower Upper

63 100

65 30.6 22.0 41.0

83 14.5 9.2 17.0





#35

Methylcyclohexane

Concen: 9.333 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.054 min

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Instrument :

MSVOA_V

ClientSampleId :

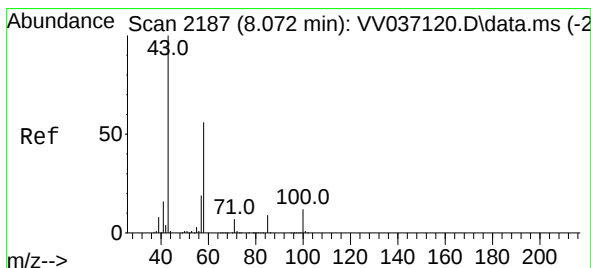
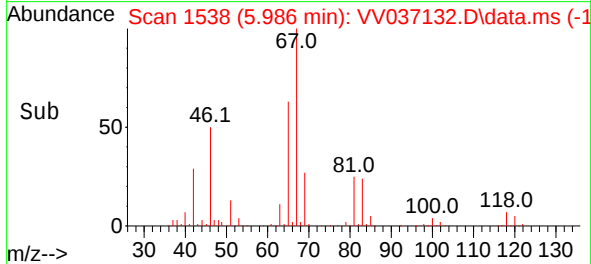
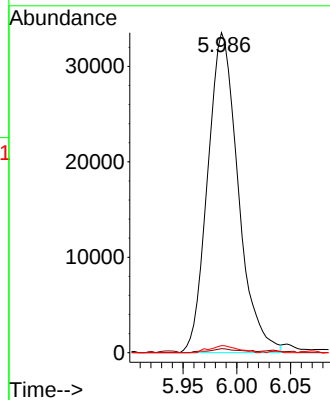
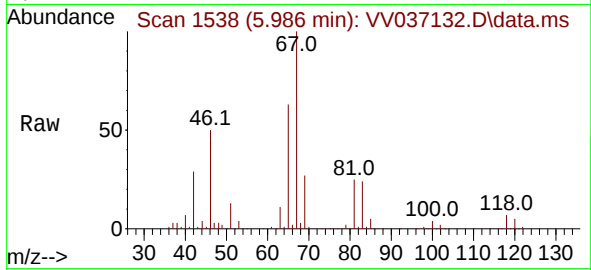
Tgt Ion: 83 Resp: 66088

Ion Ratio Lower Upper

83 100

55 1.2 61.2 91.8#

98 1.7 39.3 58.9#



#48

2-Hexanone

Concen: 5.816 ug/L

RT: 8.027 min Scan# 2173

Delta R.T. -0.045 min

Lab File: VV037132.D

Acq: 28 Aug 2024 15:50

Tgt Ion: 43 Resp: 20243

Ion Ratio Lower Upper

43 100

58 36.5 46.0 69.0#

57 28.9 15.6 23.4#

100 3.5 10.6 16.0#

