

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035324.D
 Acq On : 22 Apr 2024 11:49
 Operator : SY/MD
 Sample : VV0422WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:28:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

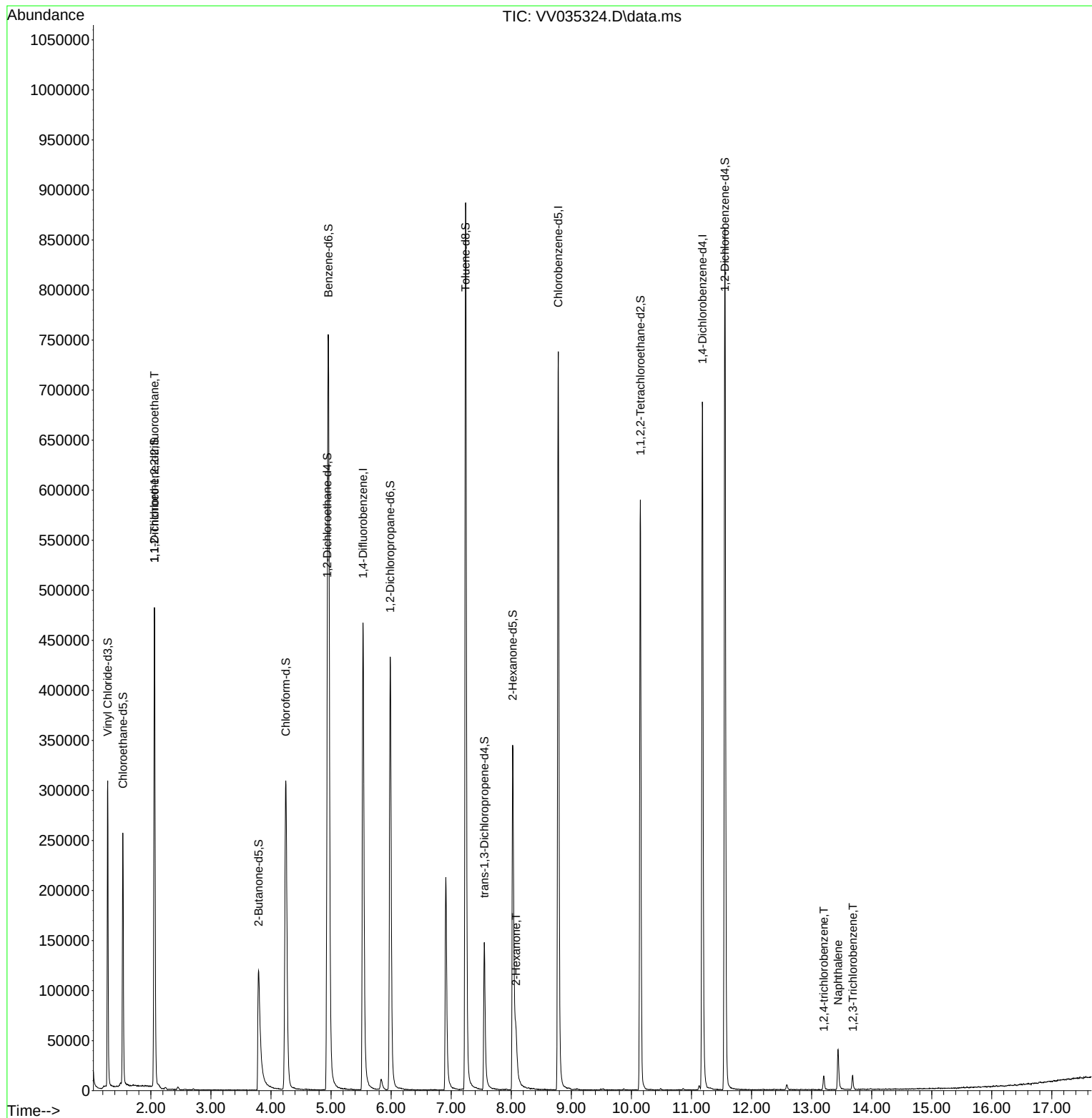
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene		5.532	114	414869	50.000	ug/L	0.00
28) Chlorobenzene-d5		8.783	117	409915	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.185	152	186655	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.281	65	203860	50.881	ug/L	0.00
Spiked Amount	50.000	Range 60	- 135	Recovery	=	101.760%	
7) Chloroethane-d5		1.535	69	164063	47.144	ug/L	0.00
Spiked Amount	50.000	Range 70	- 130	Recovery	=	94.280%	
11) 1,1-Dichloroethene-d2		2.059	65	83972	47.812	ug/L	0.00
Spiked Amount	50.000	Range 60	- 125	Recovery	=	95.620%	
21) 2-Butanone-d5		3.793	46	220709	92.882	ug/L	0.00
Spiked Amount	100.000	Range 40	- 130	Recovery	=	92.880%	
24) Chloroform-d		4.246	84	340110	50.488	ug/L	0.00
Spiked Amount	50.000	Range 70	- 125	Recovery	=	100.980%	
26) 1,2-Dichloroethane-d4		4.937	65	213938	50.022	ug/L	0.00
Spiked Amount	50.000	Range 70	- 125	Recovery	=	100.040%	
32) Benzene-d6		4.956	84	697203	50.635	ug/L	0.00
Spiked Amount	50.000	Range 70	- 125	Recovery	=	101.260%	
36) 1,2-Dichloropropane-d6		5.985	67	221457	50.649	ug/L	0.00
Spiked Amount	50.000	Range 70	- 120	Recovery	=	101.300%	
41) Toluene-d8		7.239	98	612759	49.415	ug/L	0.00
Spiked Amount	50.000	Range 80	- 120	Recovery	=	98.820%	
43) trans-1,3-Dichloroprop...		7.551	79	94796	44.597	ug/L	0.00
Spiked Amount	50.000	Range 60	- 125	Recovery	=	89.200%	
47) 2-Hexanone-d5		8.024	63	120012	72.597	ug/L	0.00
Spiked Amount	100.000	Range 45	- 130	Recovery	=	72.600%	
56) 1,1,2,2-Tetrachloroeth...		10.149	84	292439	48.569	ug/L	0.00
Spiked Amount	50.000	Range 65	- 120	Recovery	=	97.140%	
66) 1,2-Dichlorobenzene-d4		11.557	152	225677	53.850	ug/L	0.00
Spiked Amount	50.000	Range 80	- 120	Recovery	=	107.700%	
Target Compounds							Qvalue
10) 1,1,2-Trichloro-1,2,2-...		2.059	101	2308	0.709	ug/L #	26
48) 2-Hexanone		8.082	43	33519	8.356	ug/L #	94
70) 1,2,4-trichlorobenzene		13.204	180	5015	1.205	ug/L	96
71) Naphthalene		13.442	128	36484	3.159	ug/L	98
72) 1,2,3-Trichlorobenzene		13.686	180	4825	1.176	ug/L	98

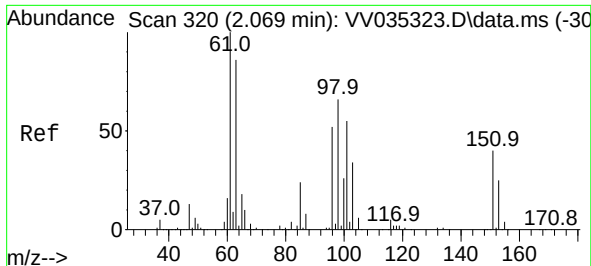
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.709 ug/L

RT: 2.059 min Scan# 317

Delta R.T. -0.010 min

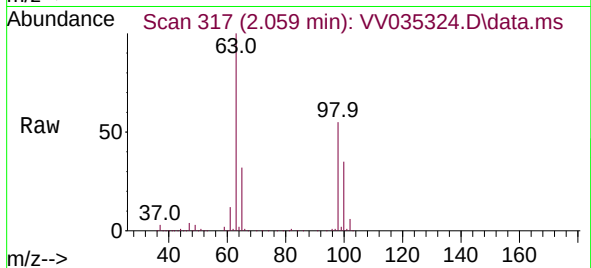
Lab File: VV035324.D

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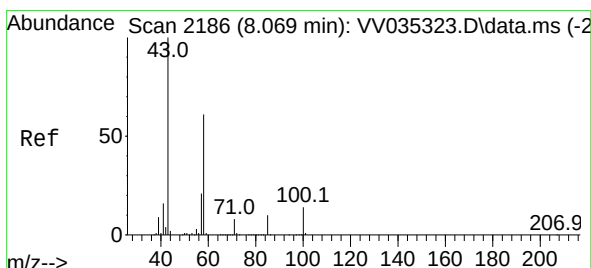
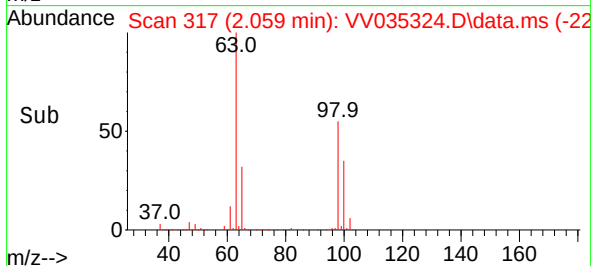
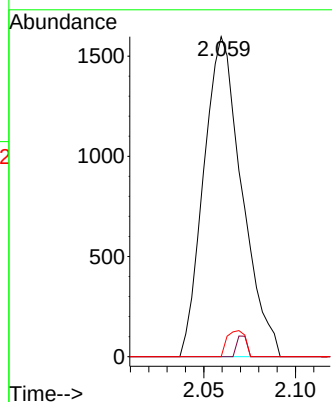
Tgt Ion: 101 Resp: 2308

Ion Ratio Lower Upper

101 100

85 1.7 35.3 52.9#

151 3.9 55.0 82.4#



#48

2-Hexanone

Concen: 8.356 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. 0.013 min

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Tgt Ion: 43 Resp: 33519

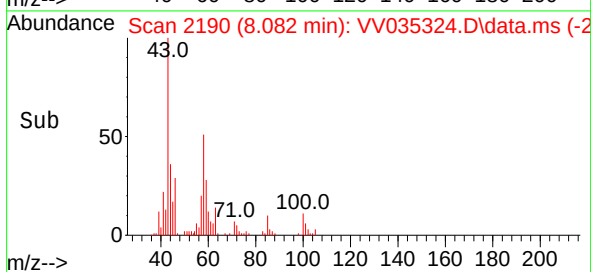
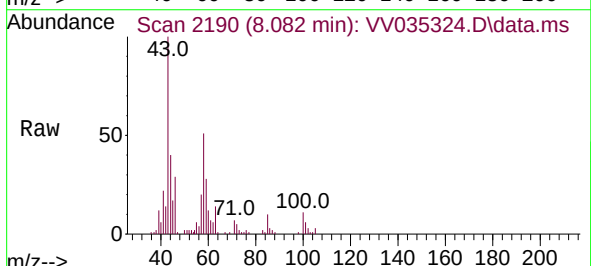
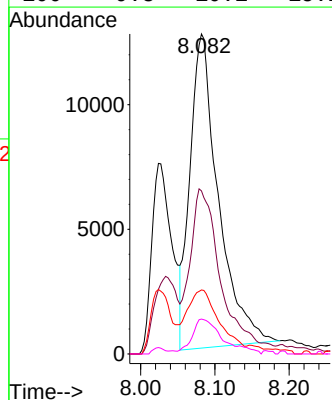
Ion Ratio Lower Upper

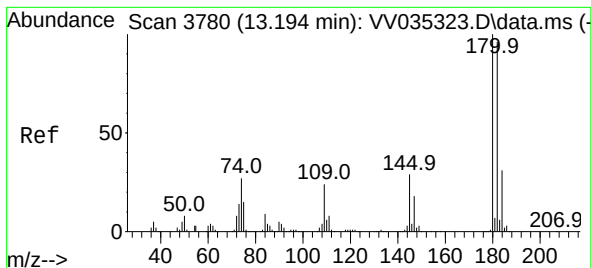
43 100

58 51.4 45.4 68.2

57 21.4 16.2 24.4

100 9.3 10.1 15.1#





#70

1,2,4-trichlorobenzene

Concen: 1.205 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.009 min

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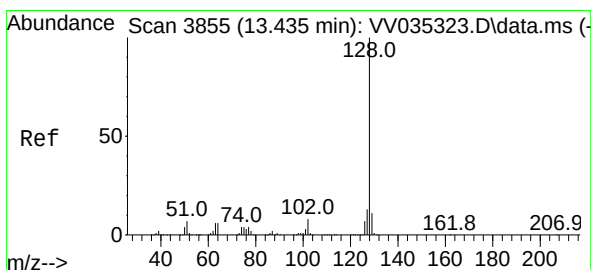
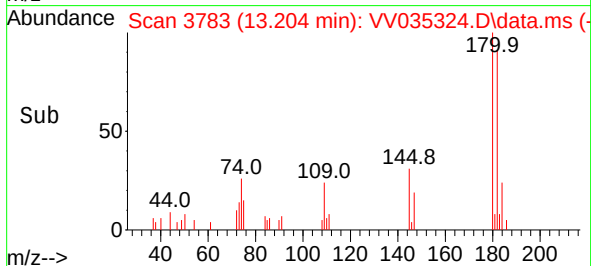
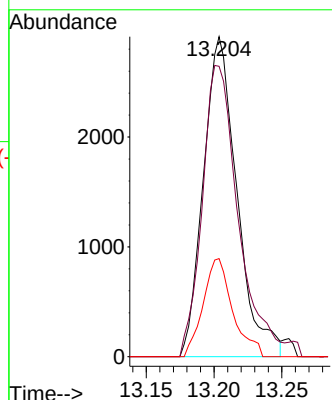
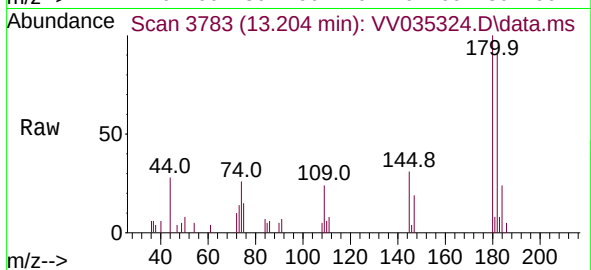
Tgt Ion:180 Resp: 5015

Ion Ratio Lower Upper

180 100

182 97.4 75.6 113.4

145 27.0 24.1 36.1



#71

Naphthalene

Concen: 3.159 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.006 min

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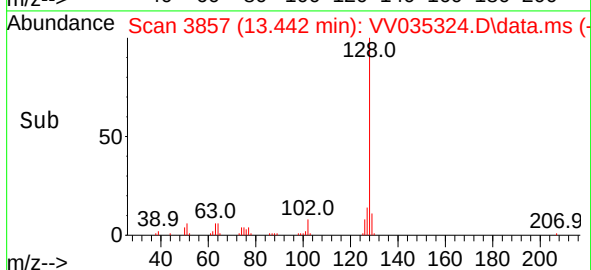
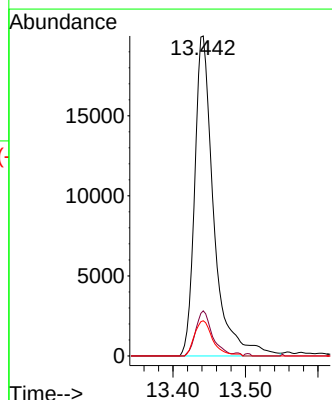
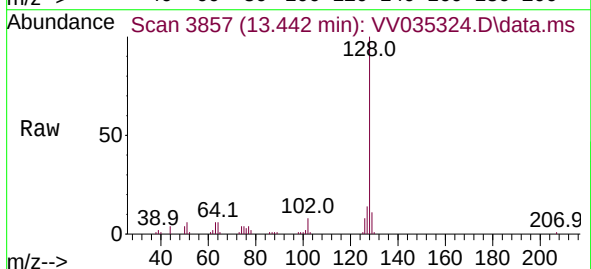
Tgt Ion:128 Resp: 36484

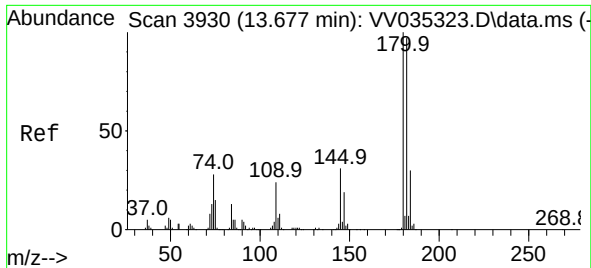
Ion Ratio Lower Upper

128 100

127 12.3 10.5 15.7

129 10.5 8.7 13.1





#72

1,2,3-Trichlorobenzene

Concen: 1.176 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.009 min

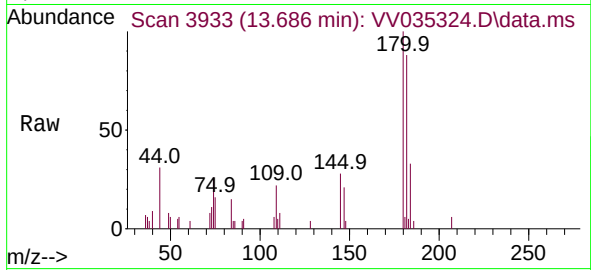
Lab File: VV035324.D

Acq: 22 Apr 2024 11:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4825

Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 26.8 25.8 38.6

