

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042224\
 Data File : VW035343.D
 Acq On : 22 Apr 2024 19:07
 Operator : SY/MD
 Sample : P2157-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:33:54 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)

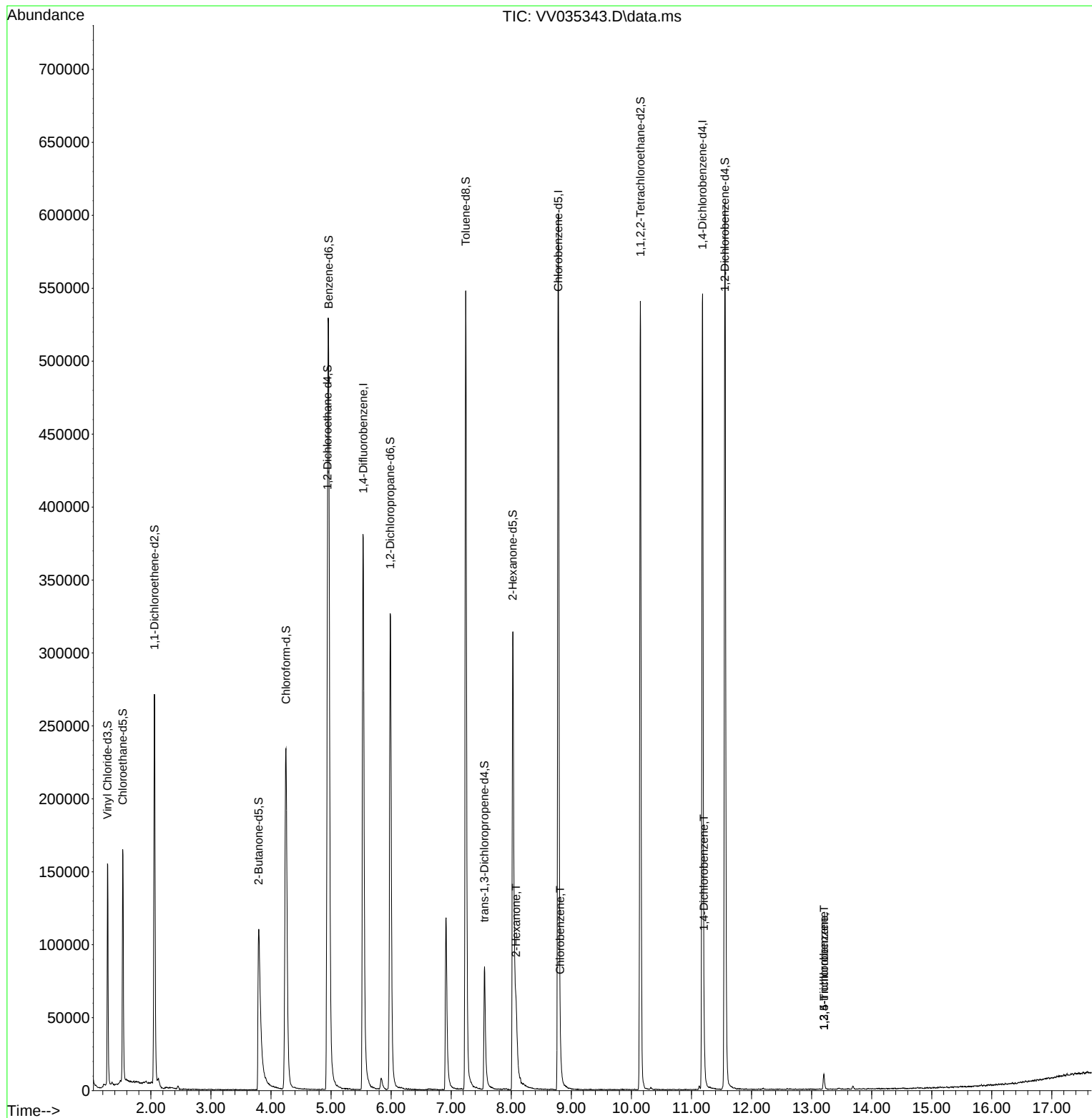
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	340918	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	342519	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	148402	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	101952	30.966	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	61.940%	
7) Chloroethane-d5	1.532	69	102266	35.761	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	71.520%	
11) 1,1-Dichloroethene-d2	2.060	65	47069	32.613	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.220%	
21) 2-Butanone-d5	3.796	46	204800	104.882	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.880%	
24) Chloroform-d	4.249	84	261391	47.220	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.440%	
26) 1,2-Dichloroethane-d4	4.940	65	175308	49.881	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.760%	
32) Benzene-d6	4.960	84	475689	41.345	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.700%	
36) 1,2-Dichloropropane-d6	5.985	67	171049	46.818	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	93.640%	
41) Toluene-d8	7.243	98	380947	36.765	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	73.540%#	
43) trans-1,3-Dichloroprop...	7.554	79	53603	30.179	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	60.360%	
47) 2-Hexanone-d5	8.024	63	105741	76.550	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	76.550%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	263454	52.364	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	104.720%	
66) 1,2-Dichlorobenzene-d4	11.558	152	163350	49.025	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.060%	
Target Compounds						Qvalue
48) 2-Hexanone	8.082	43	34194	10.202	ug/L #	86
51) Chlorobenzene	8.815	112	8840	1.166	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	7240	1.424	ug/L	98
69) 1,3,5-Trichlorobenzene	13.207	180	4099	1.138	ug/L	94
70) 1,2,4-trichlorobenzene	13.207	180	4099	1.238	ug/L	93

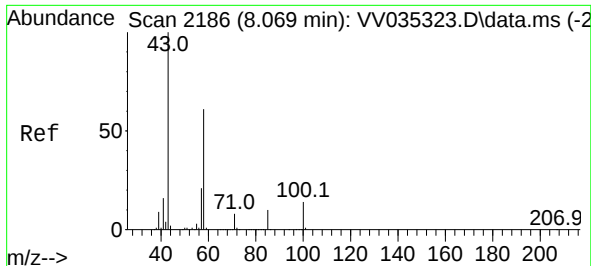
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#48

2-Hexanone

Concen: 10.202 ug/L

RT: 8.082 min Scan# 2186

Delta R.T. 0.013 min

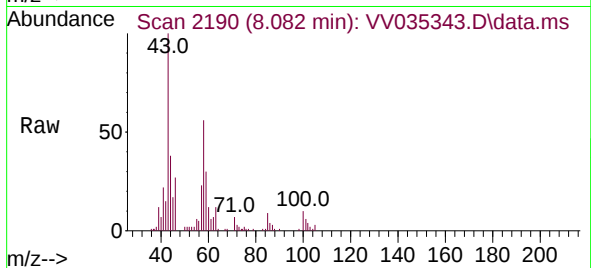
Lab File: VV035343.D

Acq: 22 Apr 2024 19:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 34194

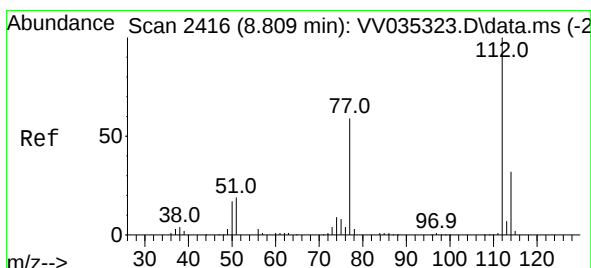
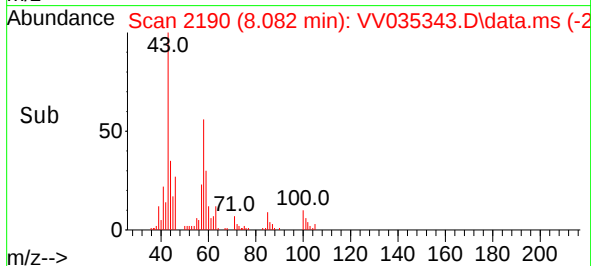
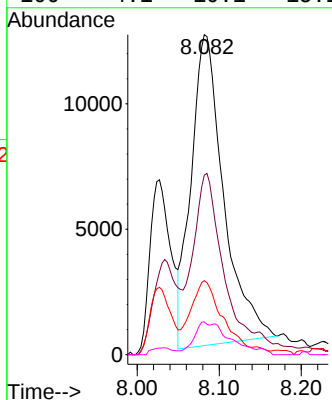
Ion Ratio Lower Upper

43 100

58 44.5 45.4 68.2#

57 20.3 16.2 24.4

100 4.1 10.1 15.1#



#51

Chlorobenzene

Concen: 1.166 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.006 min

Lab File: VV035343.D

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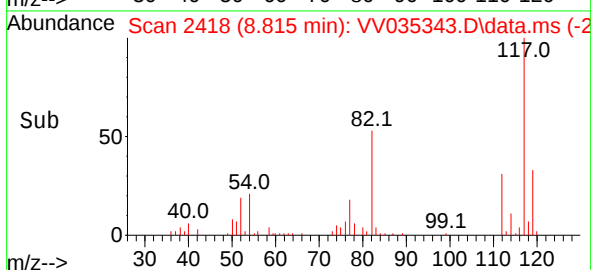
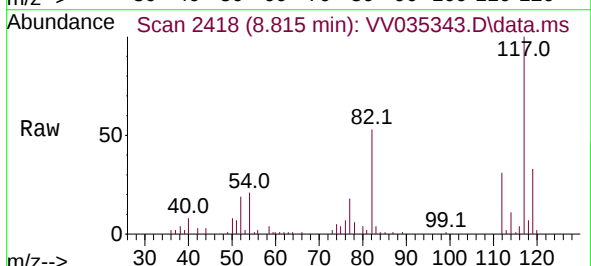
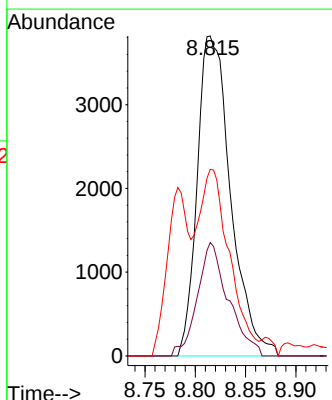
Tgt Ion: 112 Resp: 8840

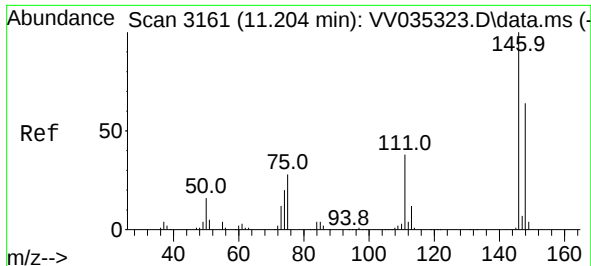
Ion Ratio Lower Upper

112 100

114 35.4 22.0 41.0

77 58.3 47.4 71.2





#65

1,4-Dichlorobenzene

Concen: 1.424 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035343.D

Acq: 22 Apr 2024 19:07

Instrument :

MSVOA_V

ClientSampleId :

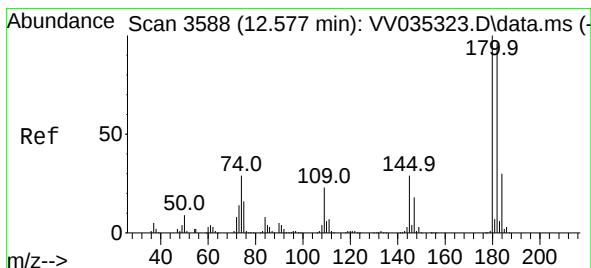
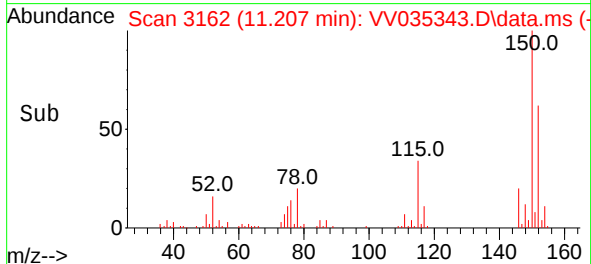
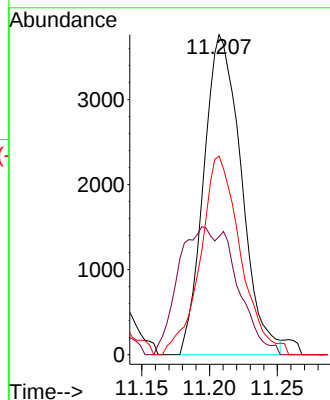
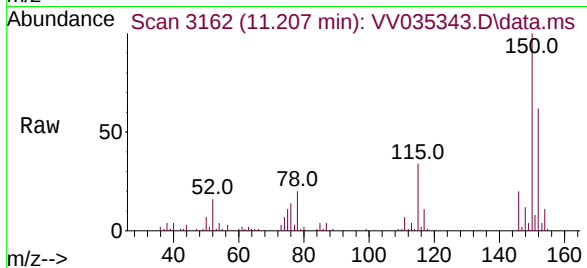
Tgt Ion:146 Resp: 7240

Ion Ratio Lower Upper

146 100

111 36.9 27.4 50.8

148 62.1 44.2 82.2



#69

1,3,5-Trichlorobenzene

Concen: 1.138 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.630 min

Lab File: VV035343.D

Acq: 22 Apr 2024 19:07

Tgt Ion:180 Resp: 4099

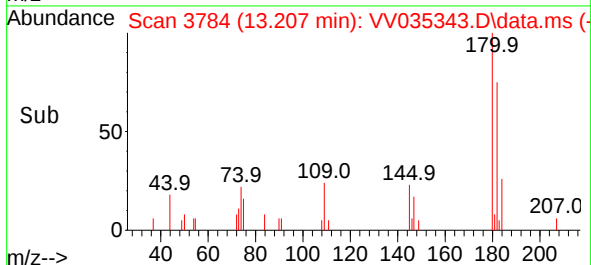
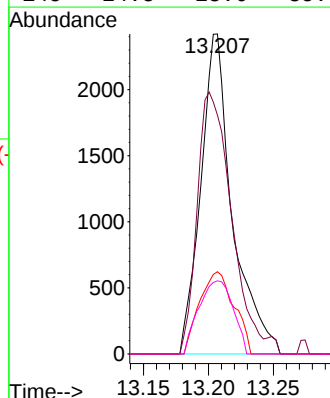
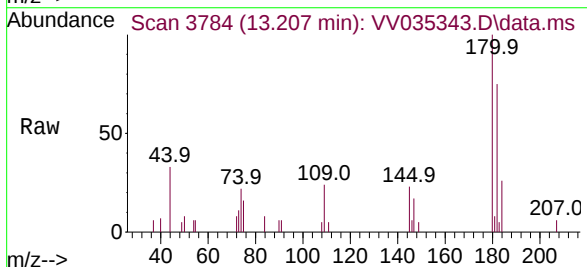
Ion Ratio Lower Upper

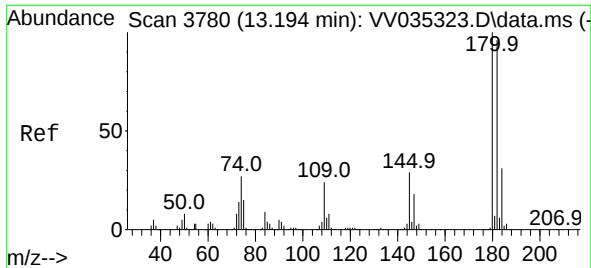
180 100

182 88.0 74.7 112.1

184 28.0 24.0 36.0

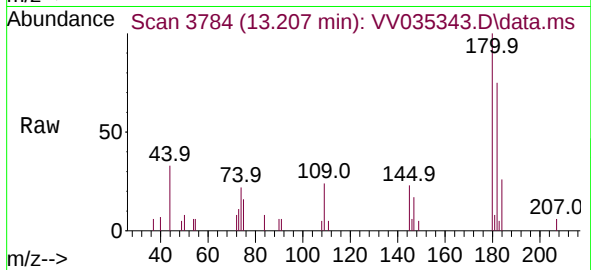
145 24.8 23.6 35.4





#70
1,2,4-trichlorobenzene
Concen: 1.238 ug/L
RT: 13.207 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV035343.D
Acq: 22 Apr 2024 19:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.0	75.6	113.4
145	24.8	24.1	36.1

