

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035341.D
 Acq On : 22 Apr 2024 18:21
 Operator : SY/MD
 Sample : P2158-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:33:24 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)

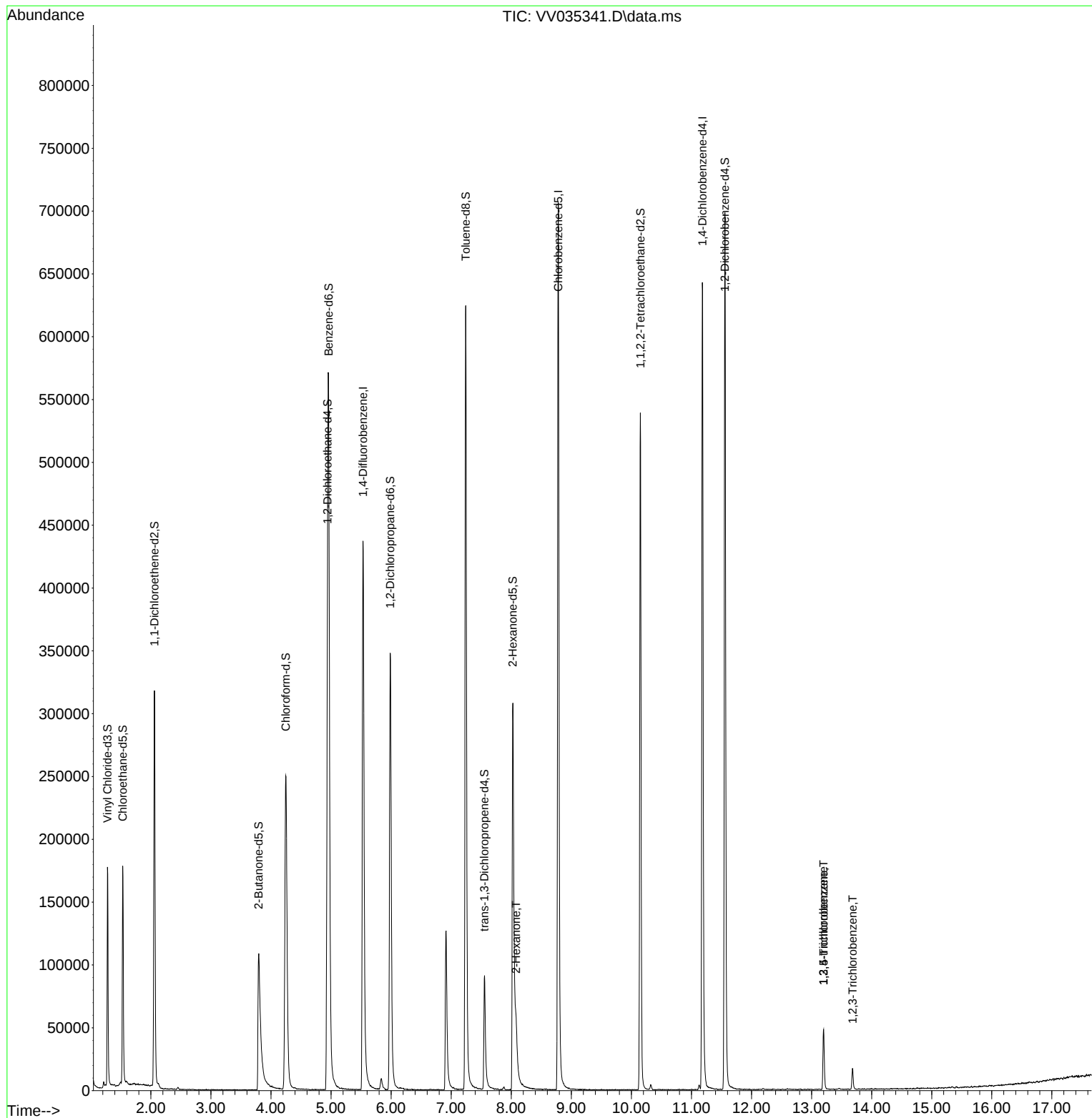
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	393490	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	394647	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	173855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	114740	30.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.380%
7) Chloroethane-d5	1.532	69	111678	33.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.660%#
11) 1,1-Dichloroethene-d2	2.060	65	54200	32.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.080%
21) 2-Butanone-d5	3.796	46	195690	86.827	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.830%
24) Chloroform-d	4.246	84	279142	43.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.380%
26) 1,2-Dichloroethane-d4	4.940	65	177024	43.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.280%
32) Benzene-d6	4.960	84	521200	39.317	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.640%
36) 1,2-Dichloropropane-d6	5.985	67	179567	42.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.320%
41) Toluene-d8	7.243	98	433153	36.282	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.560%#
43) trans-1,3-Dichloroprop...	7.555	79	58039	28.361	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.720%#
47) 2-Hexanone-d5	8.024	63	100834	63.355	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	63.360%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	265195	45.748	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.500%
66) 1,2-Dichlorobenzene-d4	11.558	152	183450	46.997	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
48) 2-Hexanone	8.082	43	28539	7.390	ug/L	# 97
69) 1,3,5-Trichlorobenzene	13.201	180	15747	3.730	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	15747	4.061	ug/L	95
72) 1,2,3-Trichlorobenzene	13.683	180	5526	1.446	ug/L	92

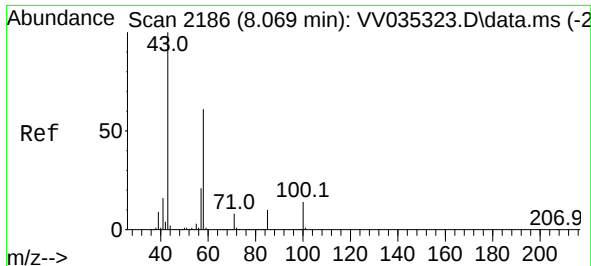
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 23 00:28:07 2024
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#48

2-Hexanone

Concen: 7.390 ug/L

RT: 8.082 min Scan# 21

Delta R.T. 0.013 min

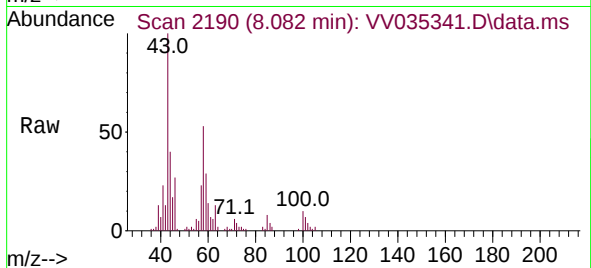
Lab File: VV035341.D

Acq: 22 Apr 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 28539

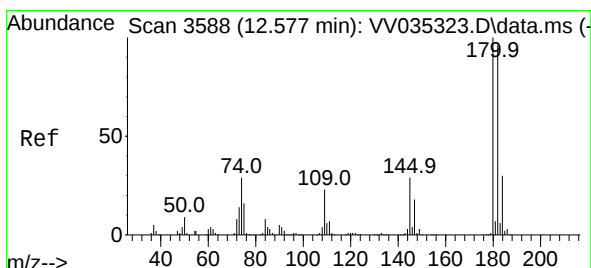
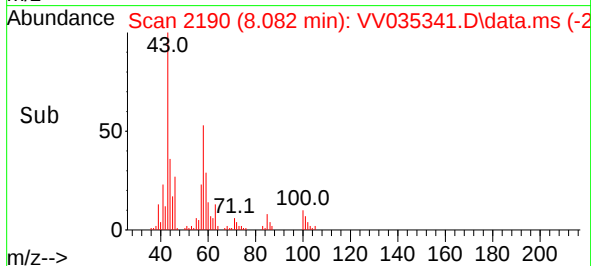
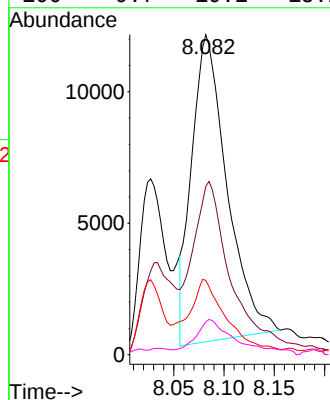
Ion Ratio Lower Upper

43 100

58 56.7 45.4 68.2

57 24.8 16.2 24.4#

100 9.7 10.1 15.1#



#69

1,3,5-Trichlorobenzene

Concen: 3.730 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.624 min

Lab File: VV035341.D

Acq: 22 Apr 2024 18:21

Tgt Ion:180 Resp: 15747

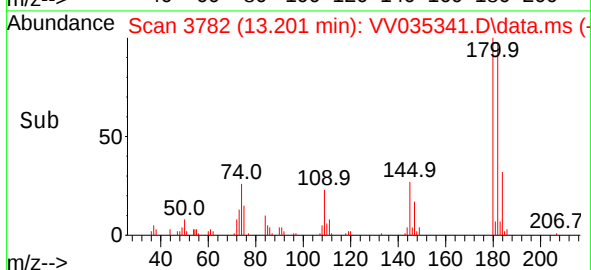
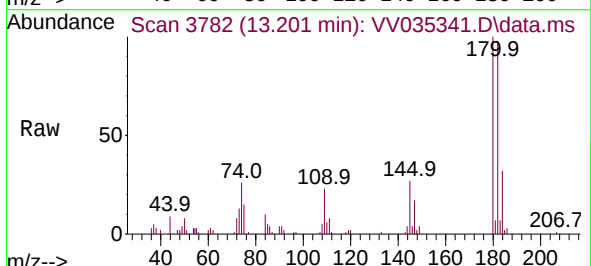
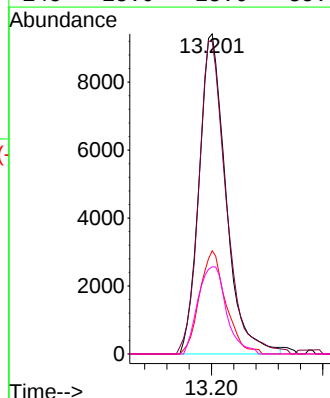
Ion Ratio Lower Upper

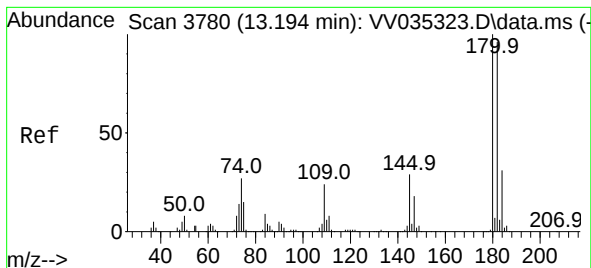
180 100

182 99.7 74.7 112.1

184 31.4 24.0 36.0

145 28.9 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 4.061 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV035341.D

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Instrument :

MSVOA_V

ClientSampleId :

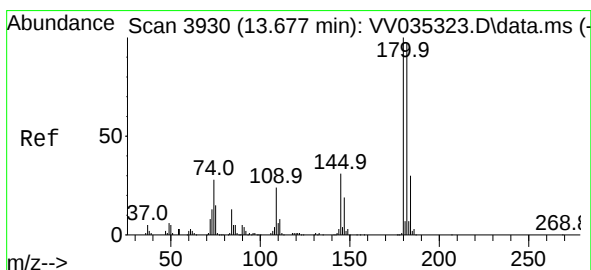
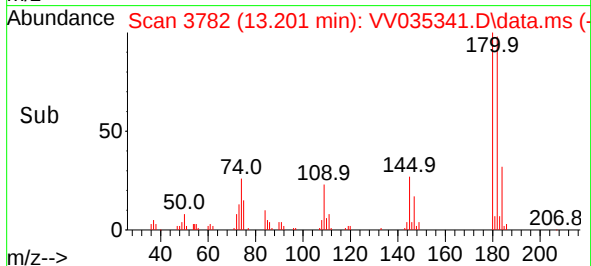
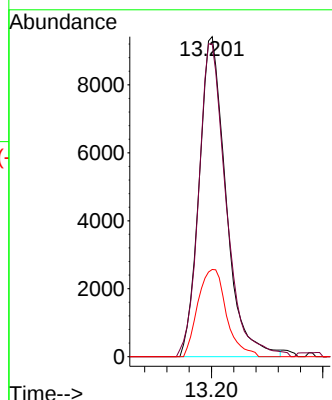
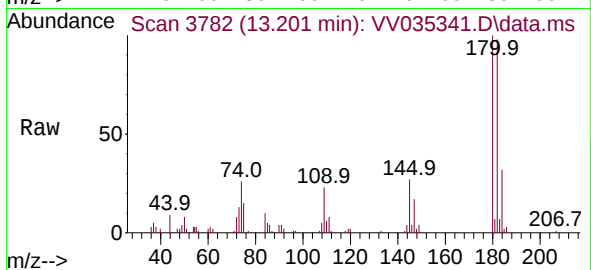
Tgt Ion:180 Resp: 15747

Ion Ratio Lower Upper

180 100

182 99.7 75.6 113.4

145 28.9 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 1.446 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035341.D

Acq: 22 Apr 2024 18:21

Tgt Ion:180 Resp: 5526

Ion Ratio Lower Upper

180 100

182 104.6 76.2 114.2

145 31.1 25.8 38.6

