

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041924\
 Data File : VV035316.D
 Acq On : 19 Apr 2024 18:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 22:33:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

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

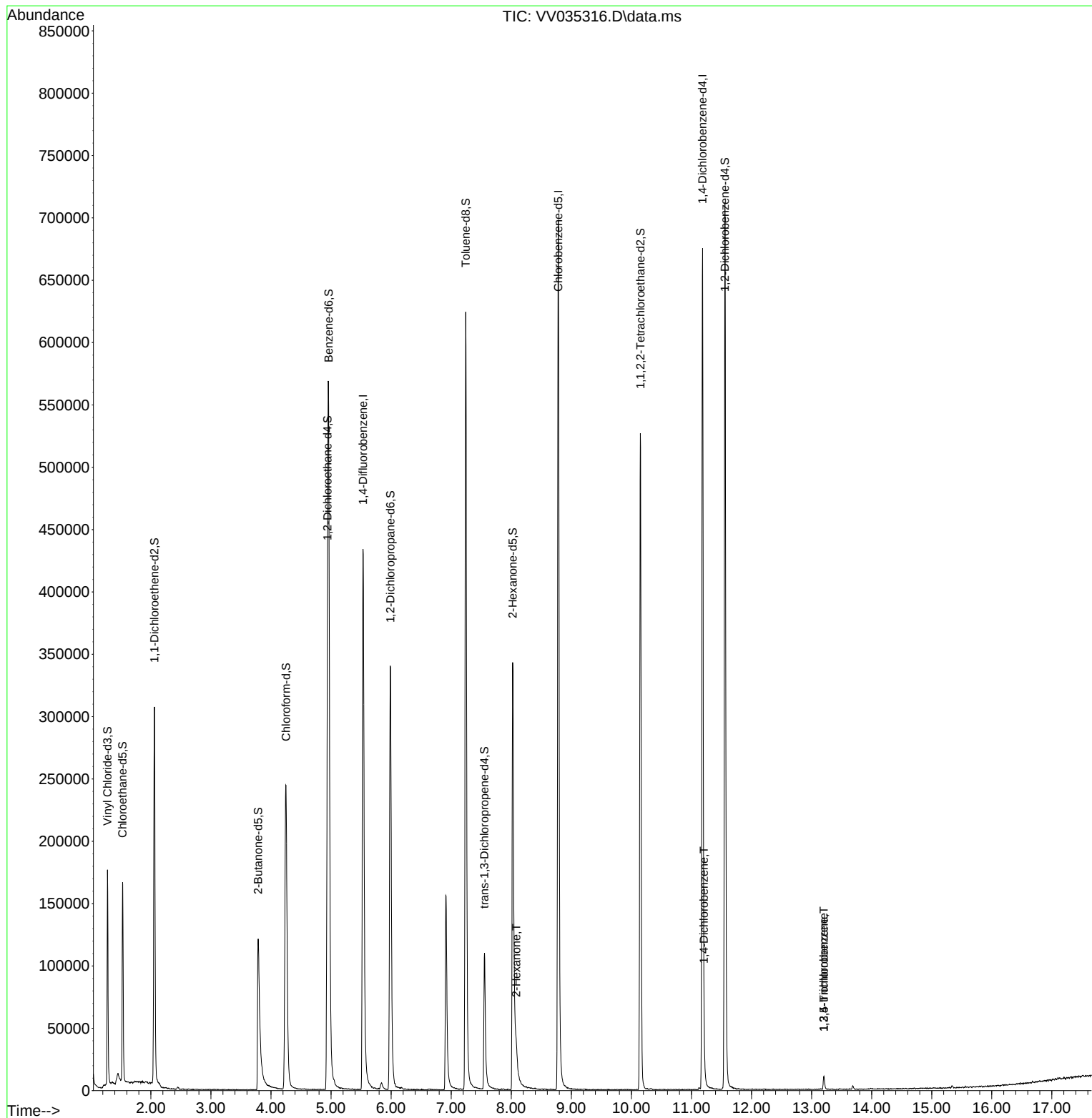
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	392000	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	392346	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	177654	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112315	29.668	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.340%#		
7) Chloroethane-d5	1.529	69	106407	32.360	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	64.720%#		
11) 1,1-Dichloroethene-d2	2.060	65	51672	31.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.280%		
21) 2-Butanone-d5	3.786	46	198760	88.525	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.520%		
24) Chloroform-d	4.249	84	269621	42.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.720%		
26) 1,2-Dichloroethane-d4	4.940	65	173470	42.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.860%		
32) Benzene-d6	4.960	84	509428	38.654	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.300%		
36) 1,2-Dichloropropane-d6	5.989	67	176725	42.228	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.460%		
41) Toluene-d8	7.243	98	428980	36.143	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.280%#		
43) trans-1,3-Dichloroprop...	7.554	79	69827	34.321	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.640%		
47) 2-Hexanone-d5	8.024	63	117189	74.063	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.060%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	261803	45.428	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.860%		
66) 1,2-Dichlorobenzene-d4	11.558	152	181174	45.422	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.840%		
Target Compounds						Qvalue
48) 2-Hexanone	8.085	43	17144	4.465	ug/L #	81
65) 1,4-Dichlorobenzene	11.210	146	6239	1.025	ug/L	98
69) 1,3,5-Trichlorobenzene	13.204	180	4139	0.960	ug/L	93
70) 1,2,4-trichlorobenzene	13.204	180	4139	1.045	ug/L	92

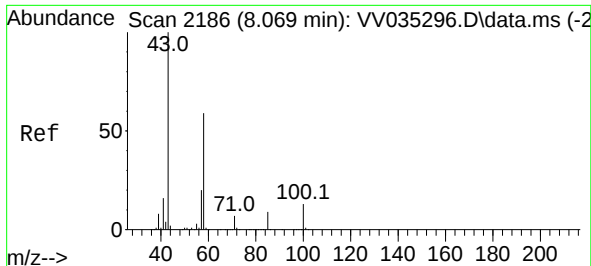
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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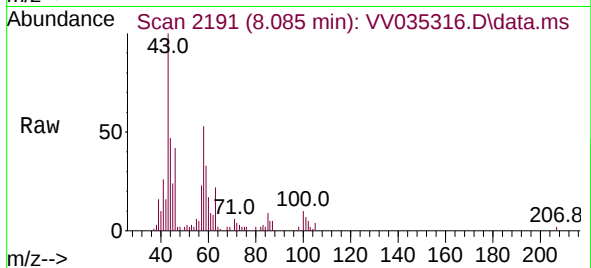
Quant Time: Apr 19 22:33:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
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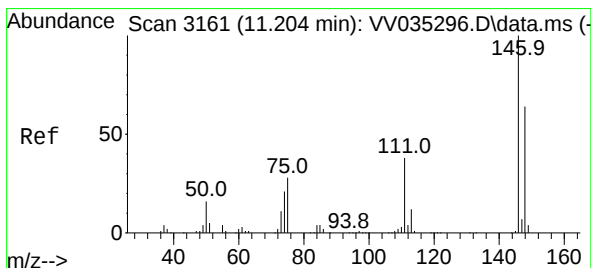
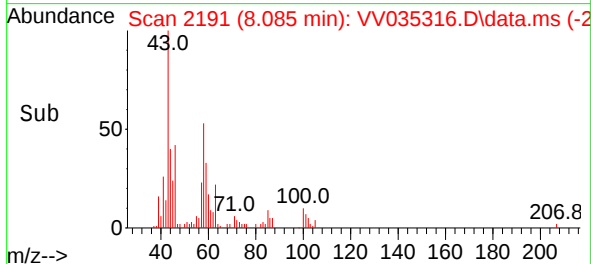
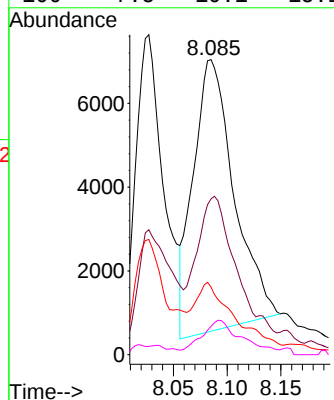


#48
2-Hexanone
Concen: 4.465 ug/L
RT: 8.085 min Scan# 2186
Delta R.T. 0.016 min
Lab File: VV035316.D
Acq: 19 Apr 2024 18:24

Instrument :
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ClientSampleId :

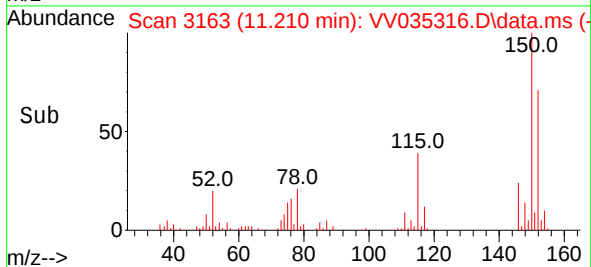
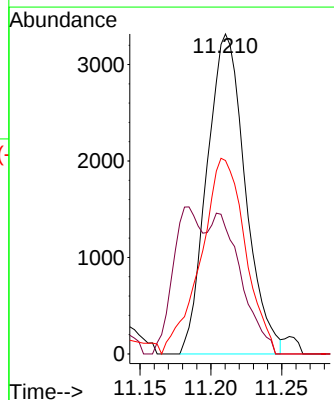
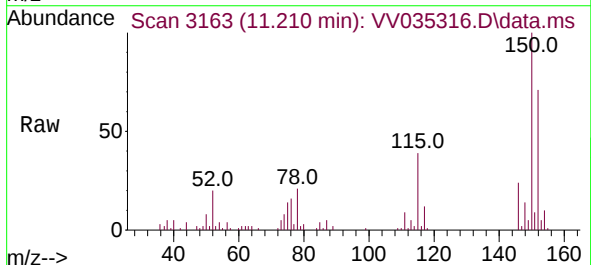


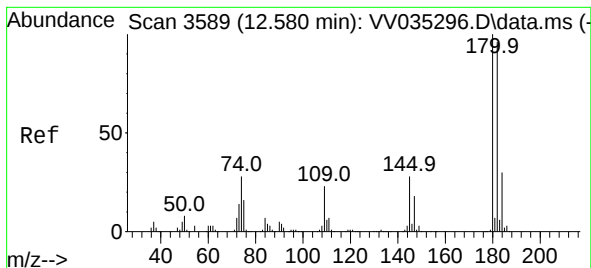
Tgt Ion: 43 Resp: 17144
Ion Ratio Lower Upper
43 100
58 41.5 45.4 68.2#
57 12.7 16.2 24.4#
100 7.5 10.1 15.1#



#65
1,4-Dichlorobenzene
Concen: 1.025 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.006 min
Lab File: VV035316.D
Acq: 19 Apr 2024 18:24

Tgt Ion: 146 Resp: 6239
Ion Ratio Lower Upper
146 100
111 39.4 27.4 50.8
148 60.4 44.2 82.2





#69

1,3,5-Trichlorobenzene

Concen: 0.960 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.624 min

Lab File: VV035316.D

Acq: 19 Apr 2024 18:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 4139

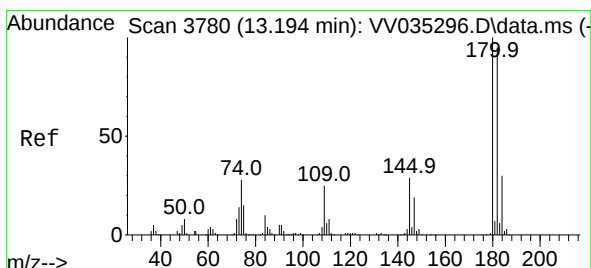
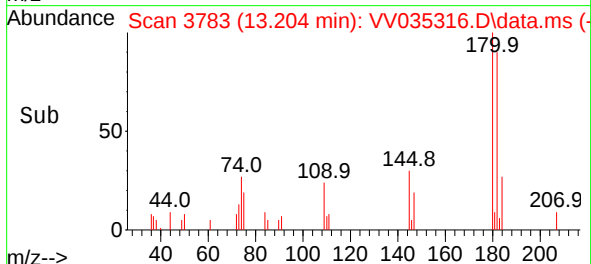
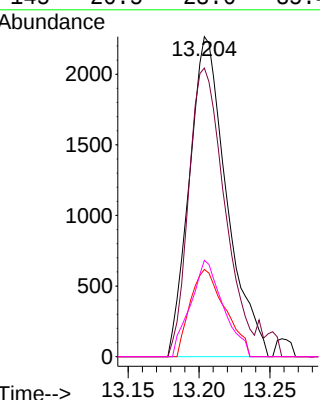
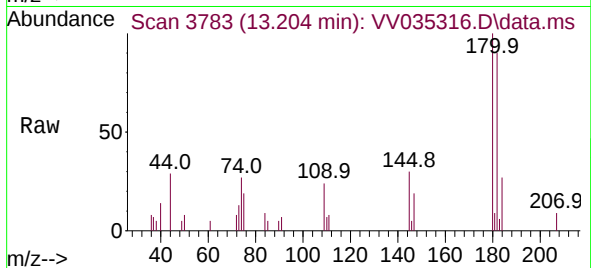
Ion Ratio Lower Upper

180 100

182 86.8 74.7 112.1

184 25.5 24.0 36.0

145 26.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 1.045 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035316.D

Acq: 19 Apr 2024 18:24

Tgt Ion:180 Resp: 4139

Ion Ratio Lower Upper

180 100

182 86.8 75.6 113.4

145 26.5 24.1 36.1

