

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070224\
 Data File : VV036413.D
 Acq On : 02 Jul 2024 11:56
 Operator : SY/MD
 Sample : P3087-09
 Misc : 5.70g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 05:10:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 05:08:41 2024
 Response via : Initial Calibration

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

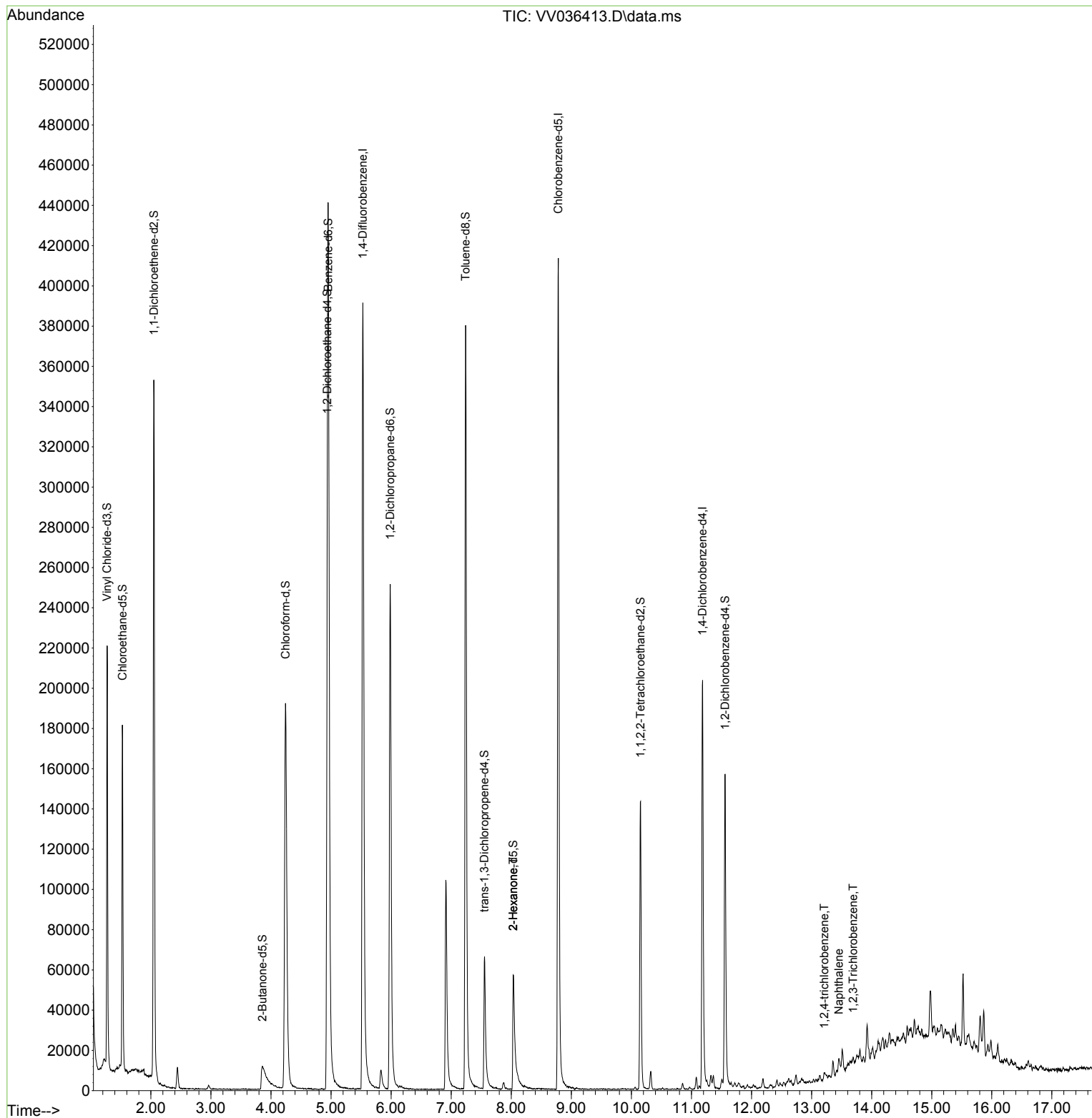
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	355668	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	241965	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	58646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	137191	22.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.840%
7) Chloroethane-d5	1.526	69	113289	23.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.920%
11) 1,1-Dichloroethene-d2	2.050	65	58901	20.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.960%
21) 2-Butanone-d5	3.857	46	24767	17.667	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	35.340%
24) Chloroform-d	4.243	84	215111	20.490	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.960%
26) 1,2-Dichloroethane-d4	4.937	65	117581	21.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	4.953	84	403046	29.508	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.040%
36) 1,2-Dichloropropane-d6	5.985	67	126410	30.768	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.080%#
41) Toluene-d8	7.239	98	271363	22.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.120%
43) trans-1,3-Dichloroprop...	7.554	79	41970	22.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.520%
47) 2-Hexanone-d5	8.034	63	22830	34.812	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.620%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	71736	21.301	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	42917	20.081	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.320%
Target Compounds						
					Qvalue	
48) 2-Hexanone	8.034	43	2544	1.567	ug/L #	80
70) 1,2,4-trichlorobenzene	13.213	180	1059	0.477	ug/L #	82
71) Naphthalene	13.455	128	4406	1.114	ug/L #	88
72) 1,2,3-Trichlorobenzene	13.693	180	1220	0.585	ug/L	83

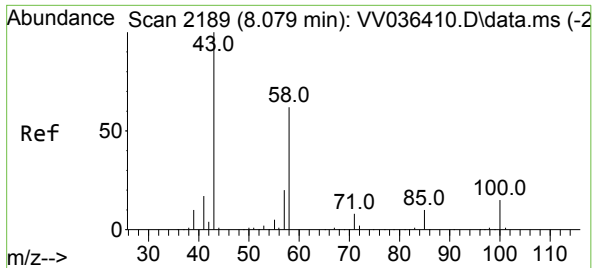
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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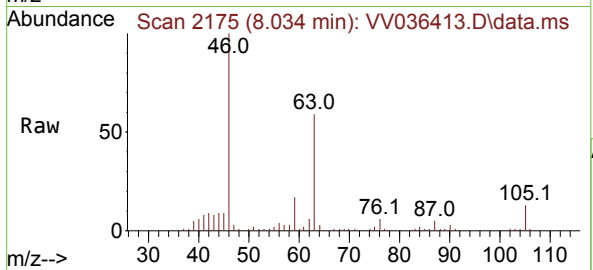
Quant Time: Jul 03 05:10:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 05:08:41 2024
Response via : Initial Calibration



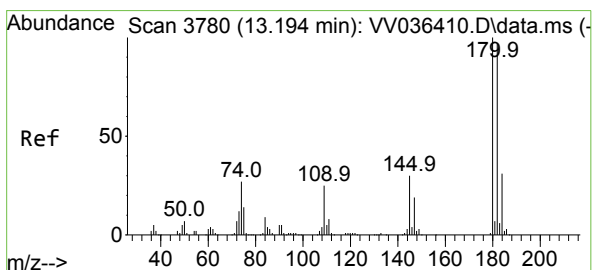
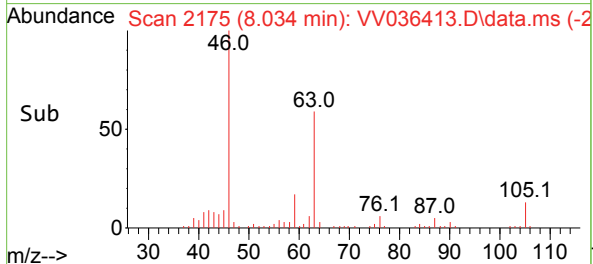
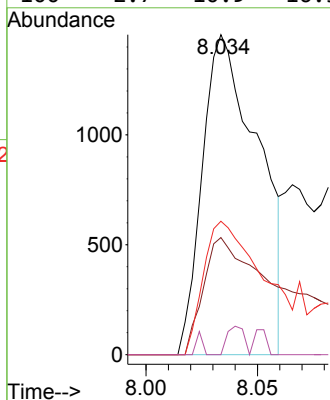


#48
2-Hexanone
Concen: 1.567 ug/L
RT: 8.034 min Scan# 2189
Delta R.T. -0.045 min
Lab File: VV036413.D
Acq: 02 Jul 2024 11:56

Instrument :
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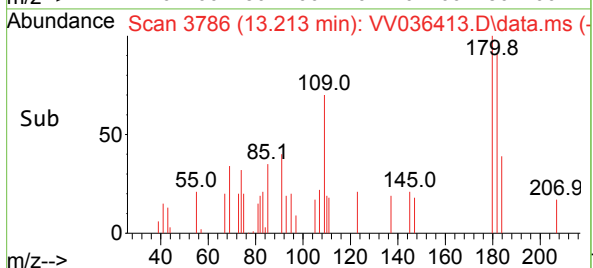
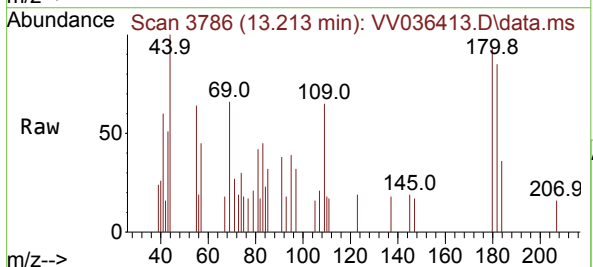
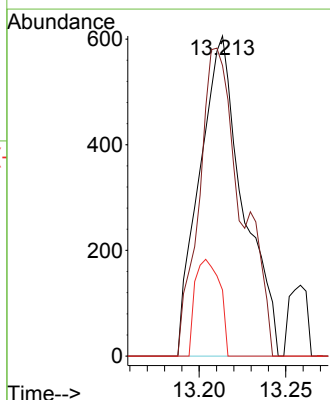


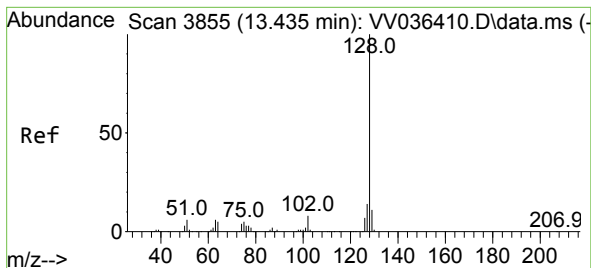
Tgt Ion: 43	Resp: 2544
Ion Ratio	Lower Upper
43 100	
58 54.6	48.5 72.7
57 44.6	15.8 23.6#
100 2.7	10.9 16.3#



#70
1,2,4-trichlorobenzene
Concen: 0.477 ug/L
RT: 13.213 min Scan# 3786
Delta R.T. 0.019 min
Lab File: VV036413.D
Acq: 02 Jul 2024 11:56

Tgt Ion:180	Resp:	1059	
Ion	Ratio	Lower	Upper
180	100		
182	78.7	76.1	114.1
145	17.2	23.8	35.8#





#71

Naphthalene

Concen: 1.114 ug/L

RT: 13.455 min Scan# 3855

Delta R.T. 0.019 min

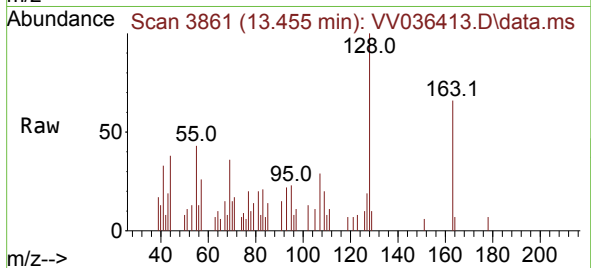
Lab File: VV036413.D

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Instrument :

MSVOA_V

ClientSampleId :



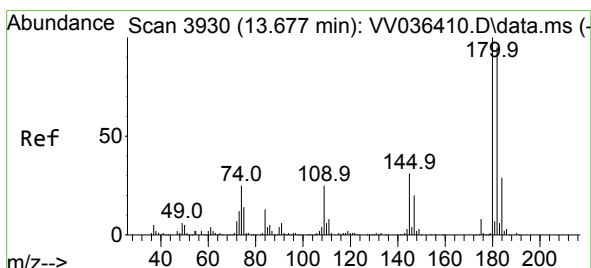
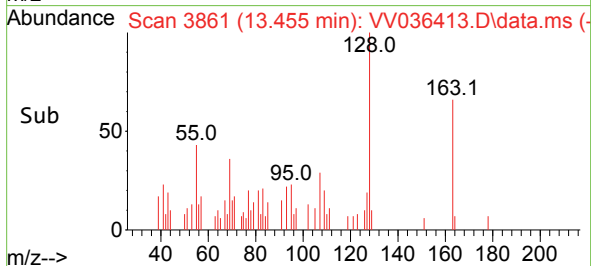
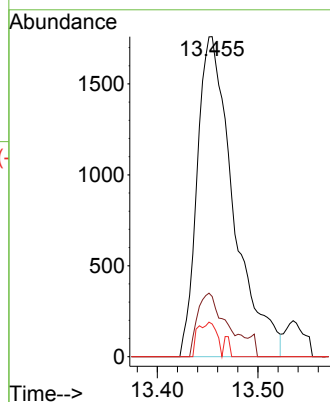
Tgt Ion:128 Resp: 4406

Ion Ratio Lower Upper

128 100

127 11.3 10.8 16.2

129 3.4 8.6 13.0#



#72

1,2,3-Trichlorobenzene

Concen: 0.585 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.016 min

Lab File: VV036413.D

Acq: 02 Jul 2024 11:56

Tgt Ion:180 Resp: 1220

Ion Ratio Lower Upper

180 100

182 77.0 76.7 115.1

145 26.1 25.0 37.4

