

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061924\
 Data File : VV036148.D
 Acq On : 19 Jun 2024 19:24
 Operator : SY/MD
 Sample : P2909-11
 Misc : 5.64g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 05:19:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

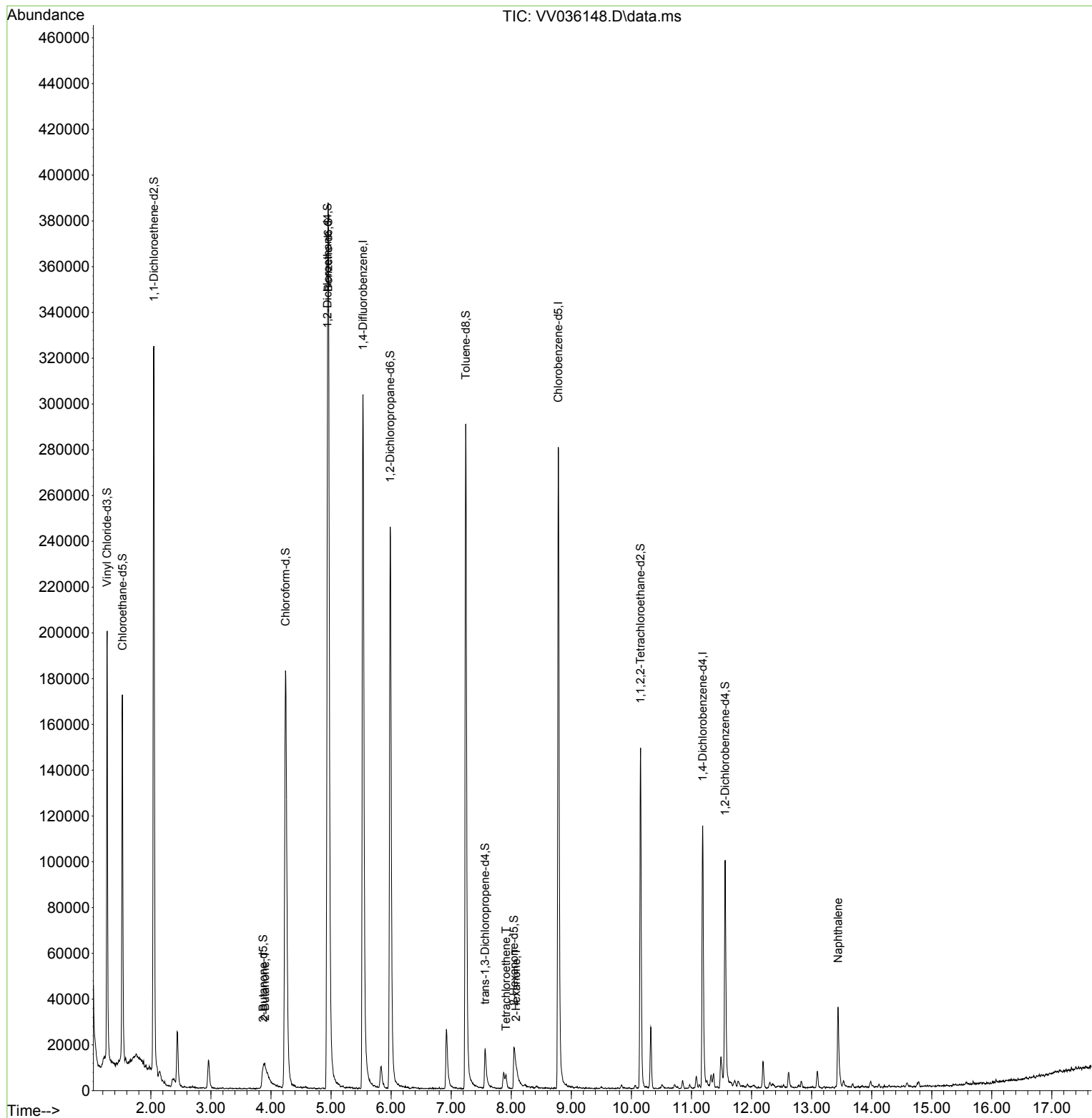
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	267649	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	161991	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	31861	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	126095	25.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.520%
7) Chloroethane-d5	1.526	69	107979	27.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.080%
11) 1,1-Dichloroethene-d2	2.050	65	56089	25.605	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.400%
21) 2-Butanone-d5	3.870	46	12059	10.681	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.360%
24) Chloroform-d	4.243	84	202640	23.814	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.240%
26) 1,2-Dichloroethane-d4	4.940	65	120145	26.930	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.720%
32) Benzene-d6	4.953	84	339679	35.276	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.120%#
36) 1,2-Dichloropropane-d6	5.985	67	123612	40.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	163.040%#
41) Toluene-d8	7.243	98	206670	24.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.320%
43) trans-1,3-Dichloroprop...	7.564	79	12366	9.946	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	39.800%
47) 2-Hexanone-d5	8.043	63	6137	14.938	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	29.880%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	73627	32.493	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.960%#
66) 1,2-Dichlorobenzene-d4	11.561	152	24793	21.220	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.880%
Target Compounds						Qvalue
22) 2-Butanone	3.902	43	7799	5.226	ug/L #	62
46) Tetrachloroethene	7.915	164	1472	0.620	ug/L	95
48) 2-Hexanone	8.082	43	2628	2.224	ug/L #	38
71) Naphthalene	13.442	128	30480	14.773	ug/L	99

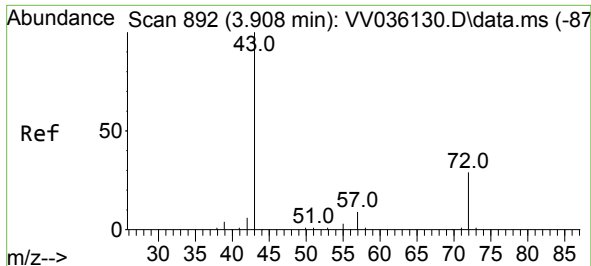
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
ClientSampleId :

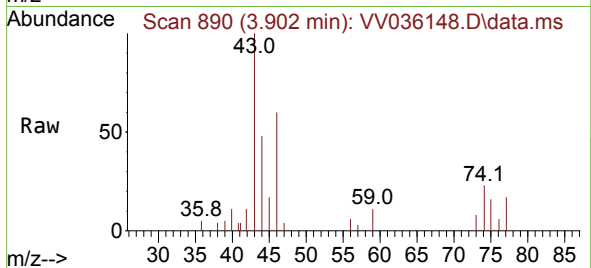
Quant Time: Jun 20 05:19:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration



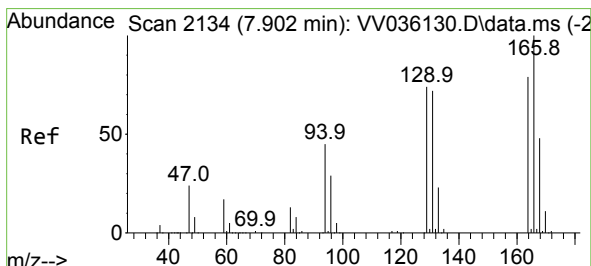
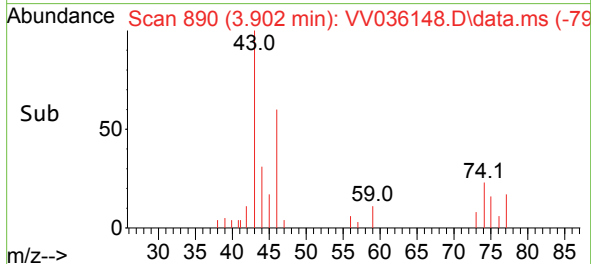
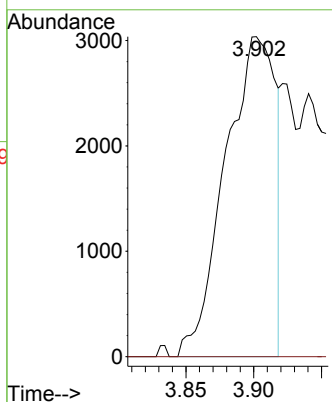


#22
2-Butanone
Concen: 5.226 ug/L
RT: 3.902 min Scan# 892
Delta R.T. -0.006 min
Lab File: VV036148.D
Acq: 19 Jun 2024 19:24

Instrument :
MSVOA_V
ClientSampleId :

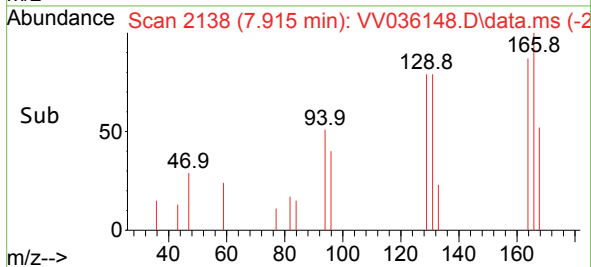
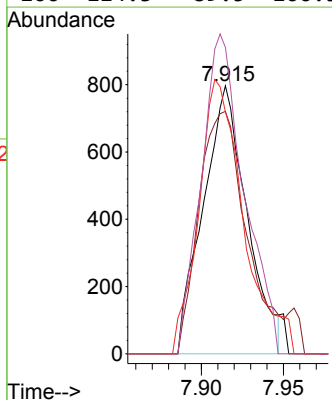
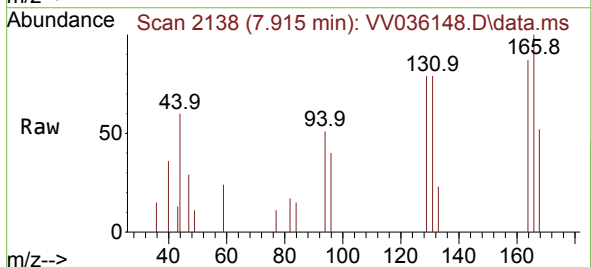


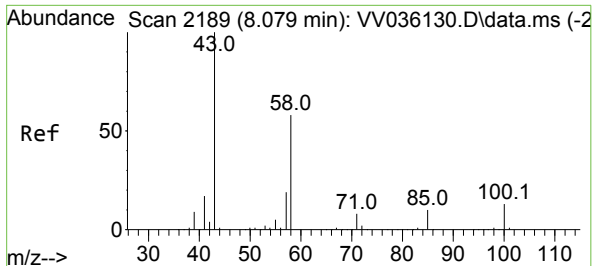
Tgt Ion: 43 Resp: 7799
Ion Ratio Lower Upper
43 100
72 0.0 8.2 24.4#



#46
Tetrachloroethene
Concen: 0.620 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.013 min
Lab File: VV036148.D
Acq: 19 Jun 2024 19:24

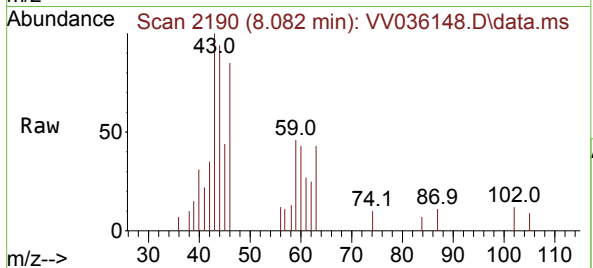
Tgt Ion: 164 Resp: 1472
Ion Ratio Lower Upper
164 100
129 90.5 64.6 120.0
131 90.2 63.2 117.4
166 114.3 89.5 166.3



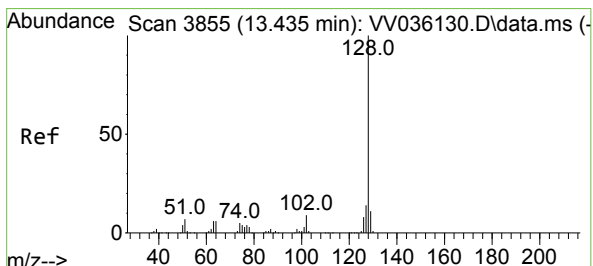
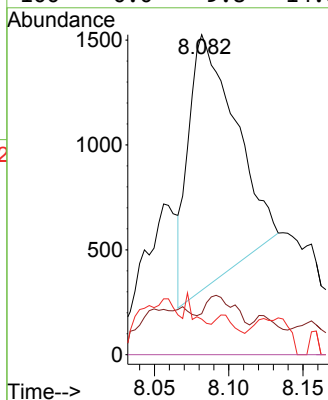
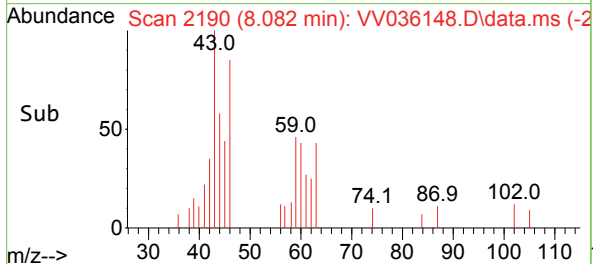


#48
2-Hexanone
Concen: 2.224 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV036148.D
Acq: 19 Jun 2024 19:24

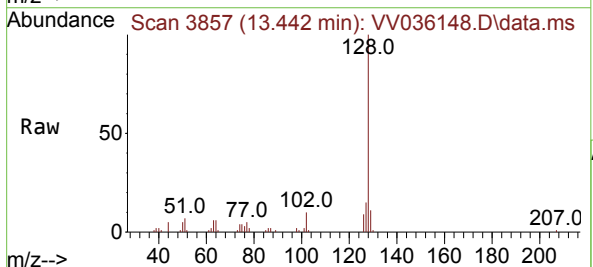
Instrument :
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Tgt Ion: 43 Resp: 2628
Ion Ratio Lower Upper
43 100
58 0.0 45.4 68.0#
57 2.4 15.8 23.8#
100 0.0 9.8 14.8#



#71
Naphthalene
Concen: 14.773 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.006 min
Lab File: VV036148.D
Acq: 19 Jun 2024 19:24



Tgt Ion: 128 Resp: 30480
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 10.8 8.8 13.2

