

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036210.D
 Acq On : 21 Jun 2024 16:27
 Operator : SY/MD
 Sample : P2909-22
 Misc : 4.74g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 00:14:44 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)

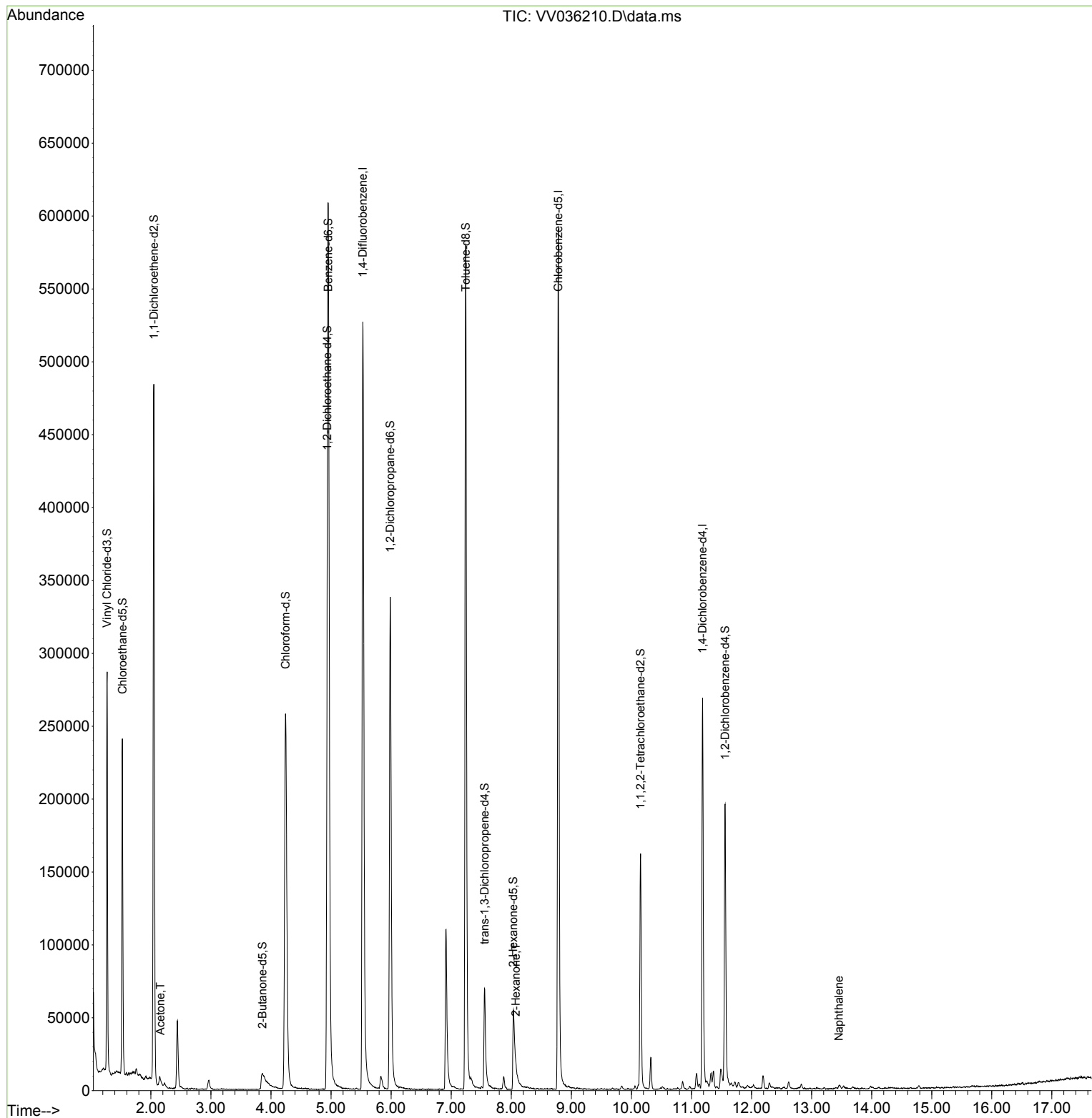
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	466082	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	329181	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	69619	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	183839	21.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.800%
7) Chloroethane-d5	1.526	69	154269	22.579	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
11) 1,1-Dichloroethene-d2	2.050	65	83853	21.982	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.920%
21) 2-Butanone-d5	3.857	46	14571	7.411	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.820%#
24) Chloroform-d	4.243	84	287001	19.369	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.480%
26) 1,2-Dichloroethane-d4	4.937	65	144323	18.577	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.320%
32) Benzene-d6	4.953	84	565211	28.886	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.560%
36) 1,2-Dichloropropane-d6	5.986	67	172776	28.039	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.160%
41) Toluene-d8	7.243	98	401590	23.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.040%
43) trans-1,3-Dichloroprop...	7.558	79	45695	18.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.360%
47) 2-Hexanone-d5	8.034	63	19028	22.792	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.580%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	82210	17.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	52073	20.397	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
13) Acetone	2.159	43	6844	2.235	ug/L	73
48) 2-Hexanone	8.075	43	5445	2.268	ug/L #	38
71) Naphthalene	13.455	128	1645	0.365	ug/L #	90

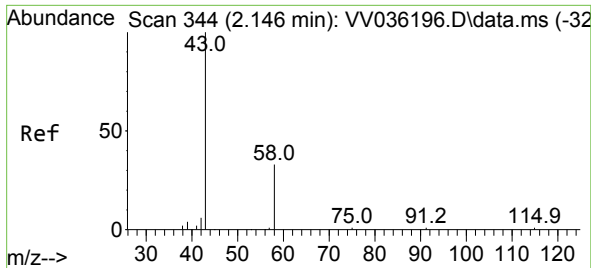
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.235 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.013 min

Lab File: VV036210.D

Acq: 21 Jun 2024 16:27

Instrument :

MSVOA_V

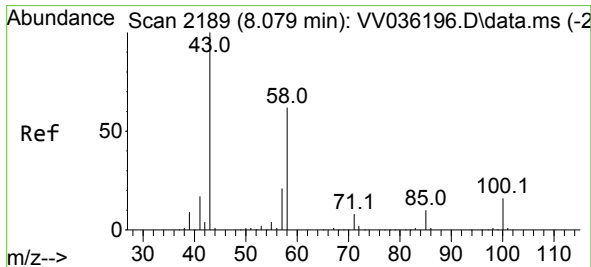
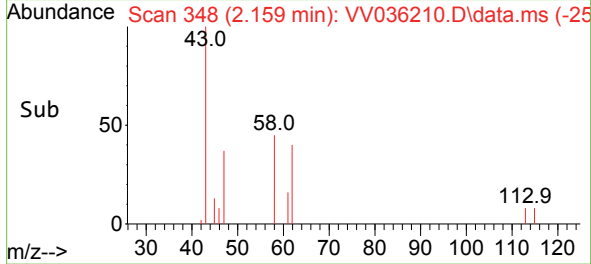
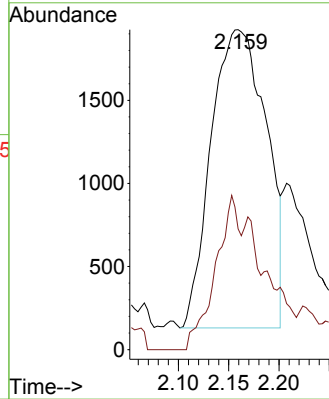
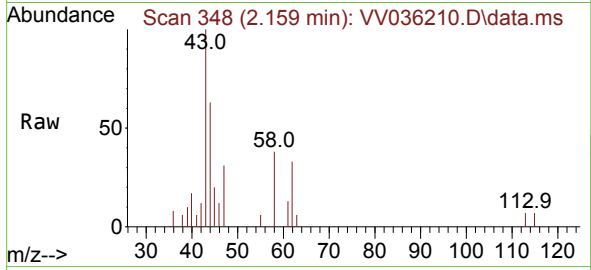
ClientSampleId :

Tgt Ion: 43 Resp: 6844

Ion Ratio Lower Upper

43 100

58 22.7 0.0 24.2



#48

2-Hexanone

Concen: 2.268 ug/L

RT: 8.075 min Scan# 2188

Delta R.T. -0.003 min

Lab File: VV036210.D

Acq: 21 Jun 2024 16:27

Tgt Ion: 43 Resp: 5445

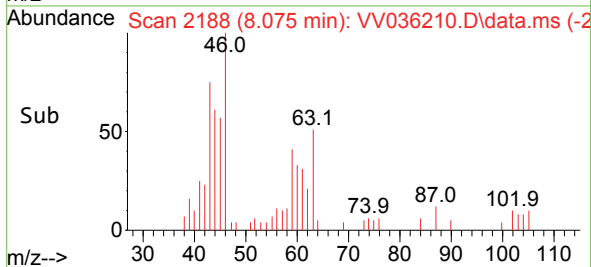
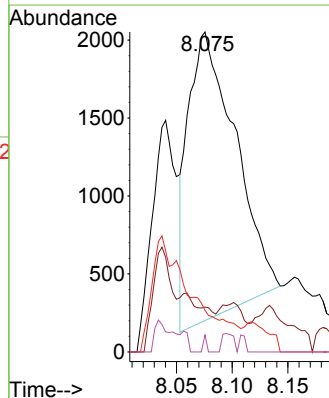
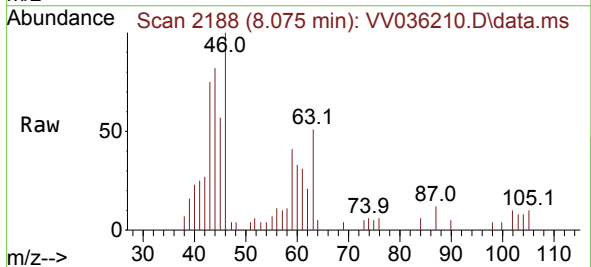
Ion Ratio Lower Upper

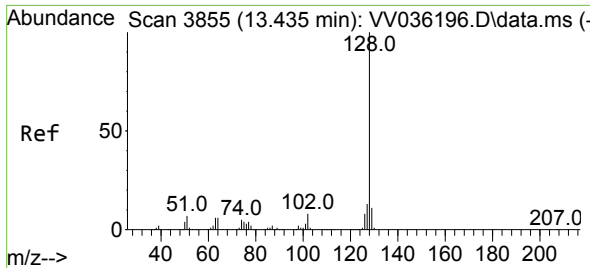
43 100

58 0.5 45.4 68.0#

57 0.0 15.8 23.8#

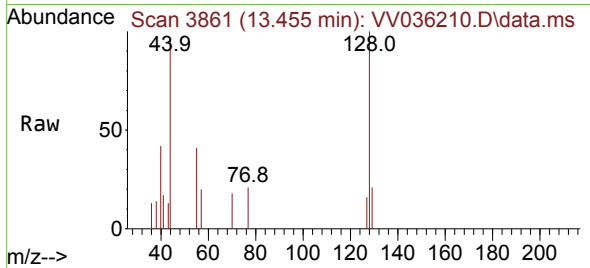
100 1.6 9.8 14.8#





#71
Naphthalene
Concen: 0.365 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.019 min
Lab File: VV036210.D
Acq: 21 Jun 2024 16:27

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1645
Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.6	16.0#
129	6.5	8.8	13.2#

