

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092921\
 Data File : VW022408.D
 Acq On : 30 Sep 2021 03:45
 Operator : SY/MD
 Sample : M3979-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A09

Quant Time: Sep 30 07:09:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

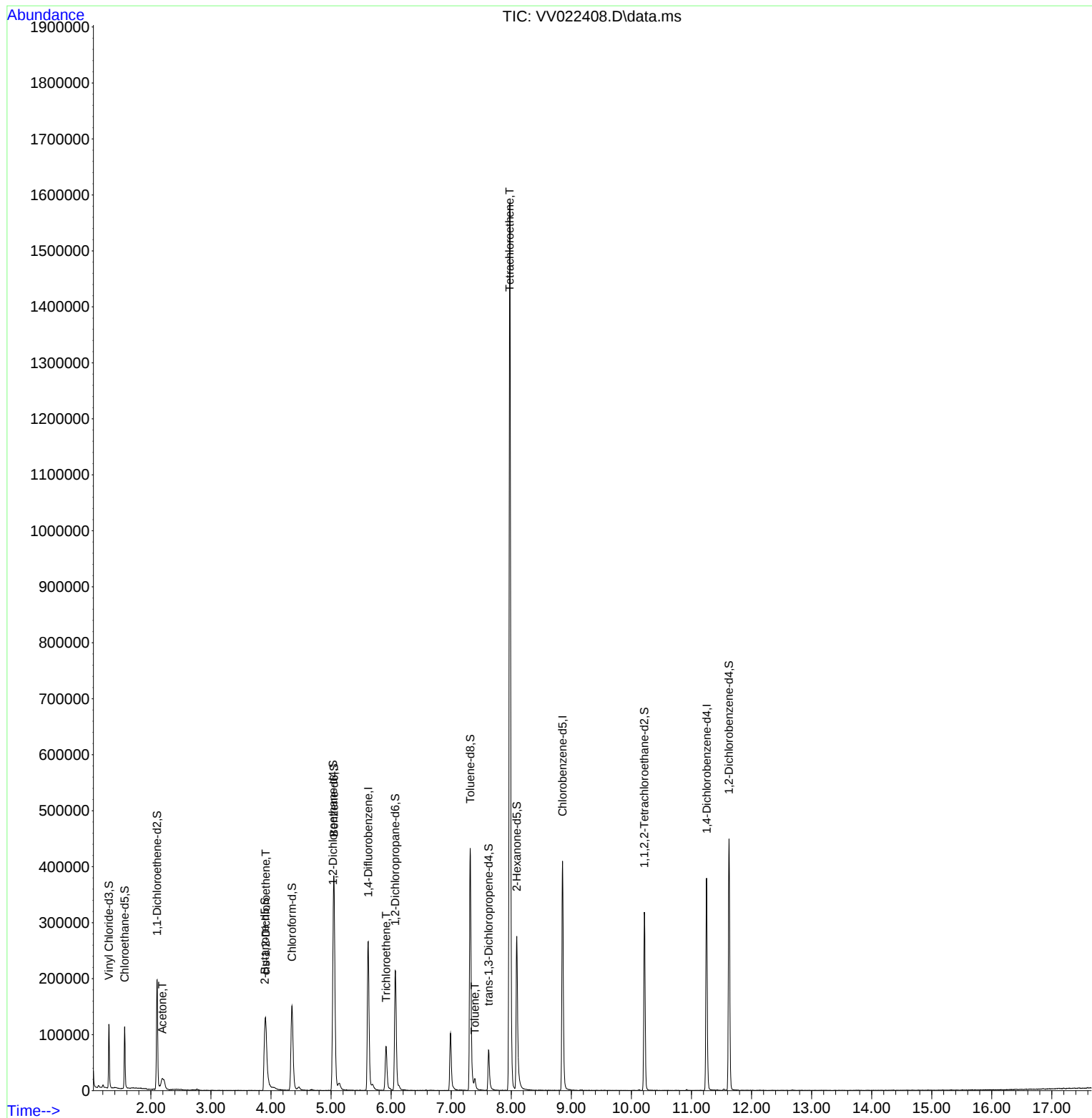
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	235587	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	238199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	103235	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	71054	35.539	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.080%
7) Chloroethane-d5	1.564	69	66182	41.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.700%
11) 1,1-Dichloroethene-d2	2.101	63	101722	29.263	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.520%#
21) 2-Butanone-d5	3.896	46	150954	106.984	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.980%
24) Chloroform-d	4.349	84	160549	44.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.940%
26) 1,2-Dichloroethane-d4	5.034	65	102737	46.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
32) Benzene-d6	5.050	84	328758	43.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.740%
36) 1,2-Dichloropropane-d6	6.069	67	107902	45.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.020%
41) Toluene-d8	7.317	98	295720	43.116	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.240%
43) trans-1,3-Dichloroprop...	7.622	79	44424	40.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.160%
47) 2-Hexanone-d5	8.092	63	100308	102.973	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.970%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	152583	43.846	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.700%
66) 1,2-Dichlorobenzene-d4	11.625	152	118205	51.493	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.980%
Target Compounds						Qvalue
13) Acetone	2.191	43	38820	35.054	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	39693	20.854	ug/L	97
34) Trichloroethene	5.915	95	25442	13.610	ug/L	99
42) Toluene	7.394	91	14550	1.875	ug/L	100
46) Tetrachloroethene	7.976	164	372572	242.051	ug/L	98

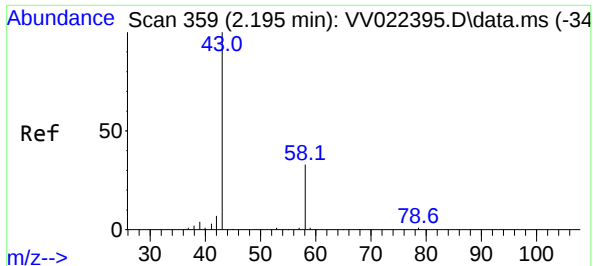
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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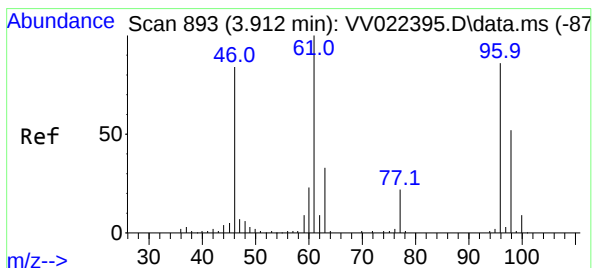
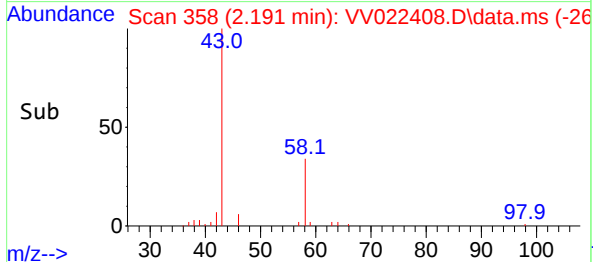
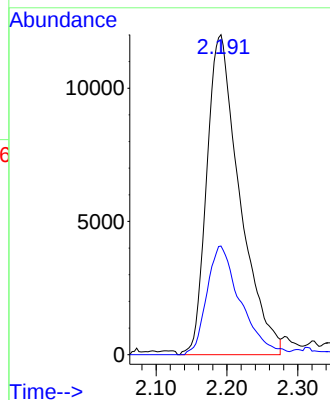
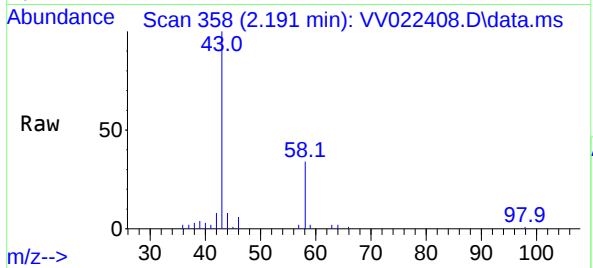




#13
Acetone
Concen: 35.054 ug/L
RT: 2.191 min Scan# 358
Delta R.T. -0.003 min
Lab File: VV022408.D
Acq: 30 Sep 2021 03:45

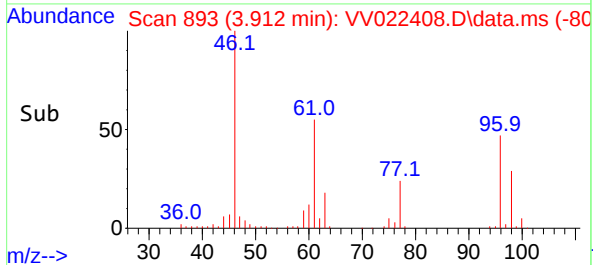
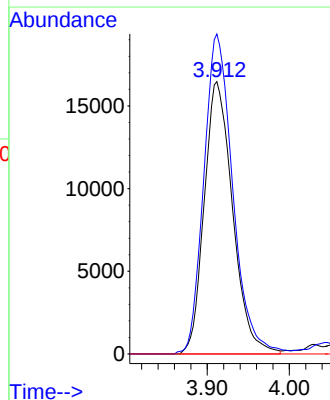
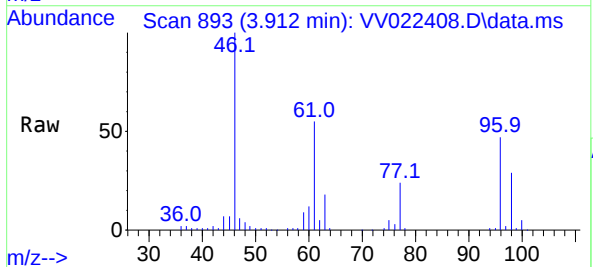
Instrument :
MSVOA_V
ClientSampled :
F4A09

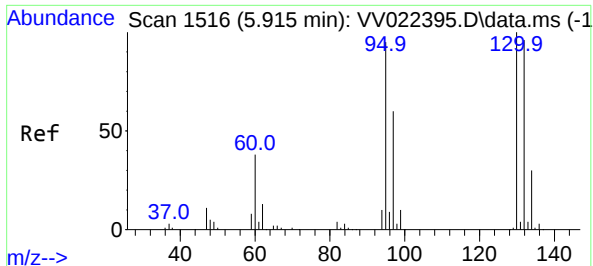
Tgt Ion: 43 Resp: 38820
Ion Ratio Lower Upper
43 100
58 34.2 0.0 67.2



#20
cis-1,2-Dichloroethene
Concen: 20.854 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV022408.D
Acq: 30 Sep 2021 03:45

Tgt Ion: 96 Resp: 39693
Ion Ratio Lower Upper
96 100
61 117.5 84.6 157.0
68 0.0 0.0 0.0

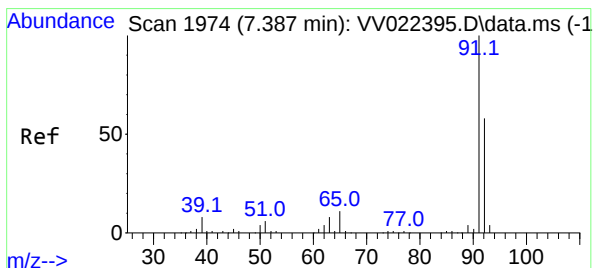
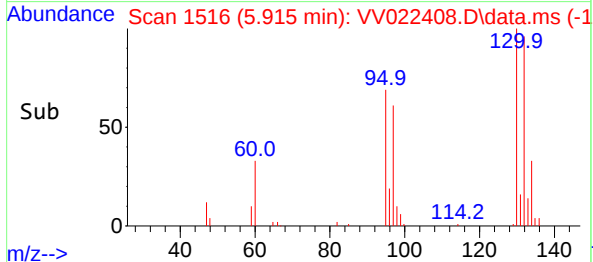
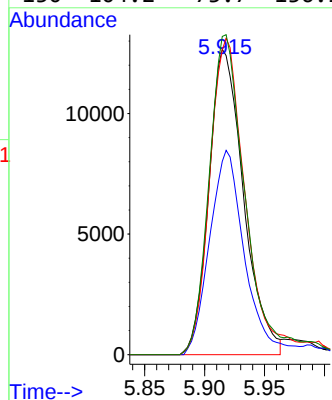
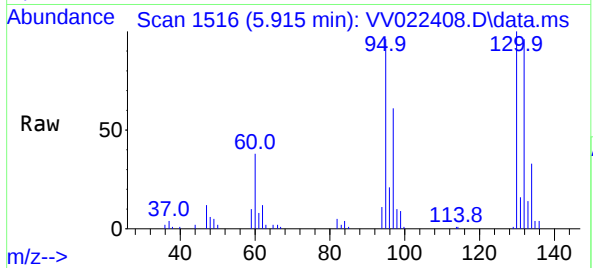




#34
Trichloroethene
Concen: 13.610 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022408.D
Acq: 30 Sep 2021 03:45

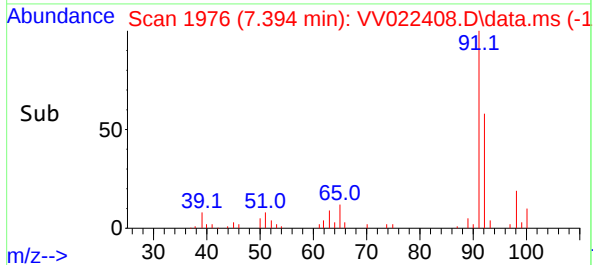
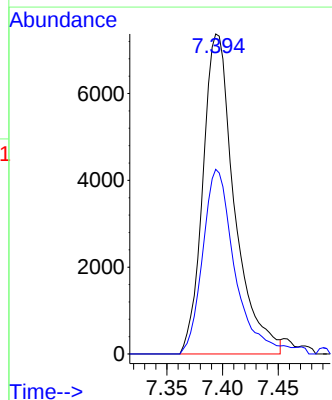
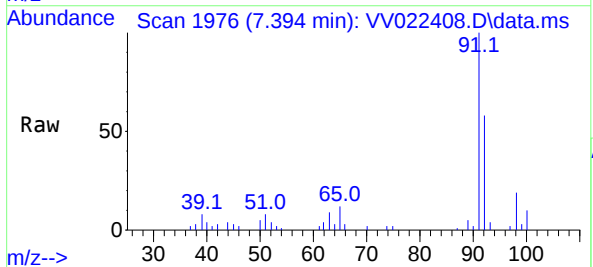
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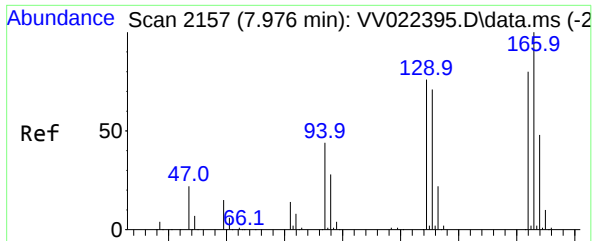
Tgt Ion: 95 Resp: 25442
Ion Ratio Lower Upper
95 100
97 63.3 45.2 84.0
132 99.9 71.0 131.8
130 104.2 73.7 136.9



#42
Toluene
Concen: 1.875 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV022408.D
Acq: 30 Sep 2021 03:45

Tgt Ion: 91 Resp: 14550
Ion Ratio Lower Upper
91 100
92 57.7 40.2 74.6





#46
 Tetrachloroethene
 Concen: 242.051 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.000 min
 Lab File: VV022408.D
 Acq: 30 Sep 2021 03:45

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A09

Tgt Ion:164 Resp: 372572

Ion	Ratio	Lower	Upper
164	100		
129	93.5	66.4	123.4
131	89.0	63.6	118.0
166	128.5	91.6	170.0

