

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
 Data File : VV011924.D
 Acq On : 17 Jul 2019 20:40
 Operator : SY/MD
 Sample : K3823-14
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52Q2

Quant Time: Jul 18 04:30:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 02:17:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	161790	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155387	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70034	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53985	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.59	69	44313	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.13	63	70667	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.94	46	135011	44.99	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.98%
24) Chloroform-d	4.40	84	108287	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	61984	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	219708	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.12	67	68494	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	185726	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.67	79	21492	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.13	63	84857	41.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39341	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	68623	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

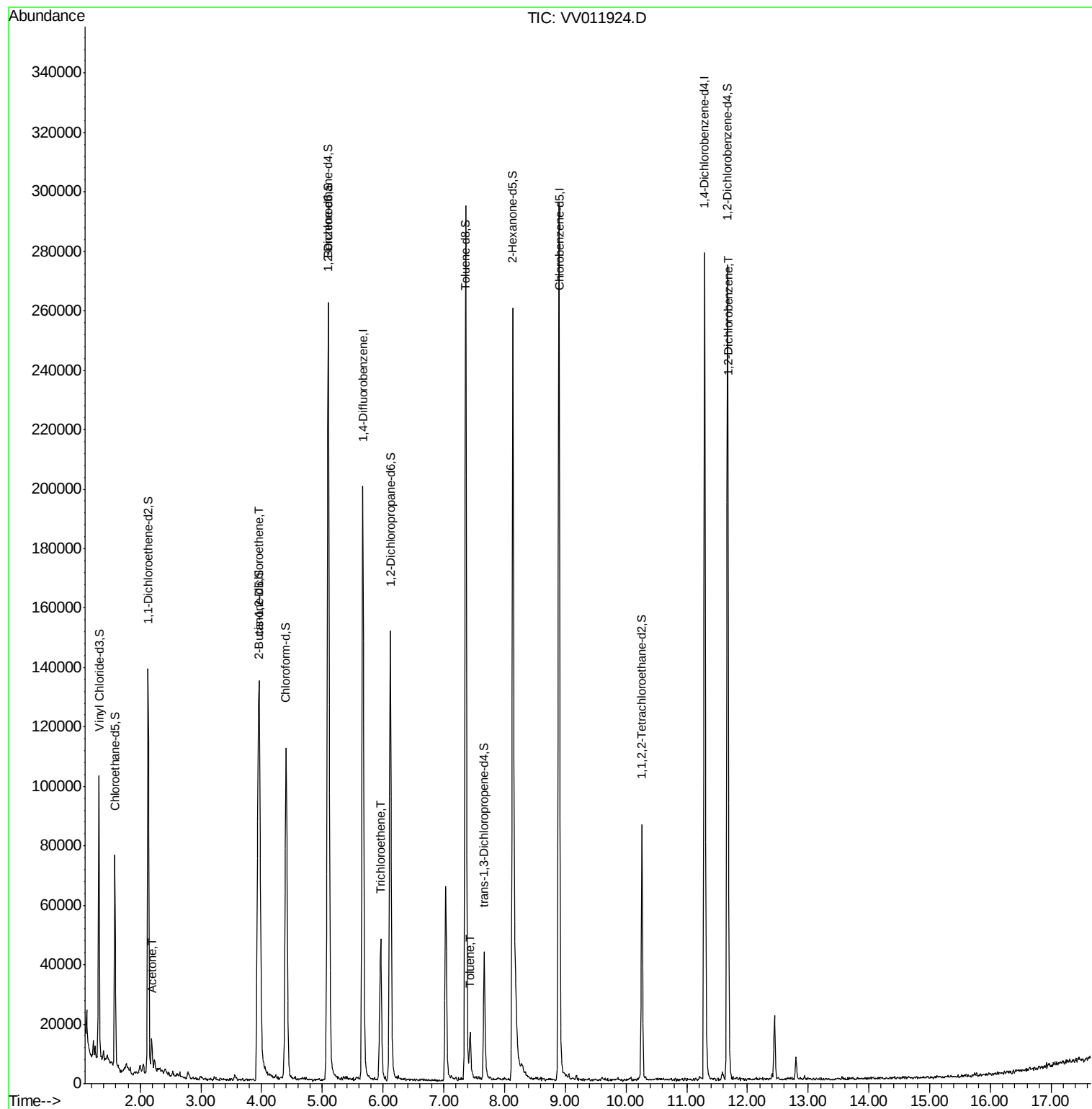
					Ovalue
13) Acetone	2.19	43	8774	5.761	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	49661	3.979	ug/L 99
34) Trichloroethene	5.96	95	14225	1.053	ug/L 96
42) Toluene	7.43	91	10323	0.202	ug/L 90
65) 1,2-Dichlorobenzene	11.69	146	3543	0.168	ug/L # 87

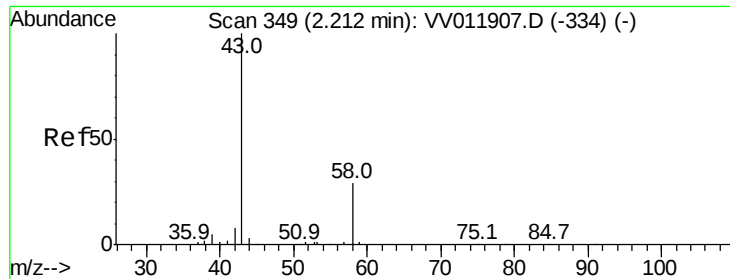
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.761 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV011924.D

Acq: 17 Jul 2019 20:40

Instrument :

MSVOA_V

ClientSampled :

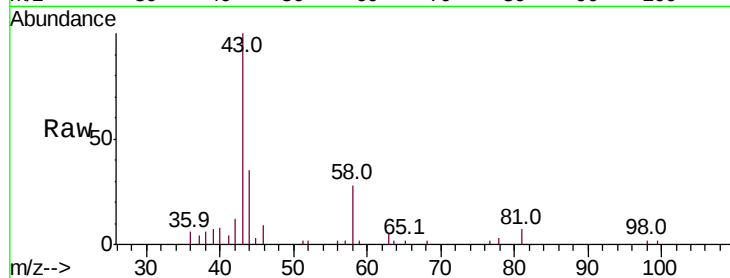
A52Q2

Tot Ion: 43 Resp: 8774

Ion Ratio Lower Upper

43 100

58 30.5 0.0 55.6



Abundance Ion 43.05 (42.75 to 43.75): VV011907.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV011907.D (-334) (-)

2.19

6000

4000

2000

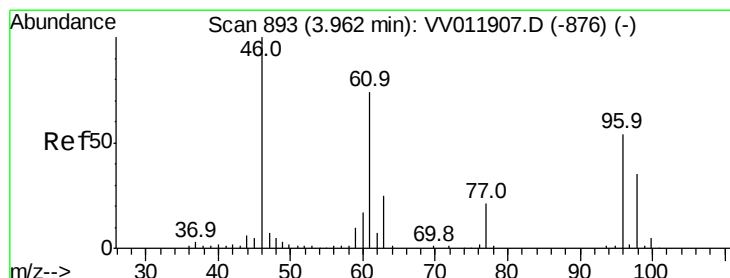
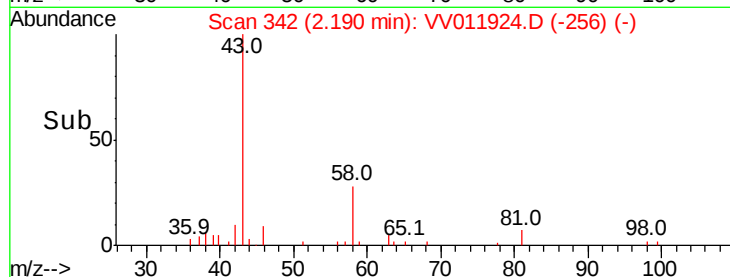
0

2.15

2.20

2.25

Time-->



#22

cis-1,2-Dichloroethene

Concen: 3.979 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV011924.D

Acq: 17 Jul 2019 20:40

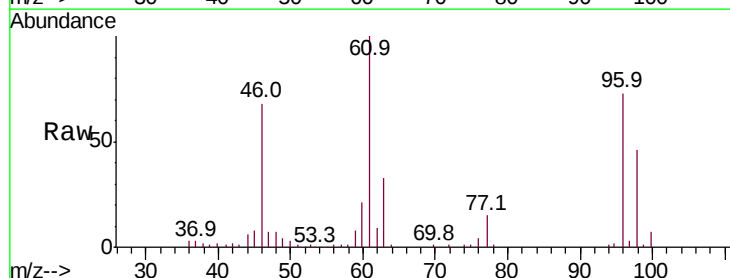
Tgt Ion: 96 Resp: 49661

Ion Ratio Lower Upper

96 100

61 137.6 95.2 176.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV011907.D (-876) (-)

Ion 61.05 (60.75 to 61.75): VV011907.D (-876) (-)

Ion 68.15 (67.85 to 68.85): VV011907.D (-876) (-)

3.96

30000

20000

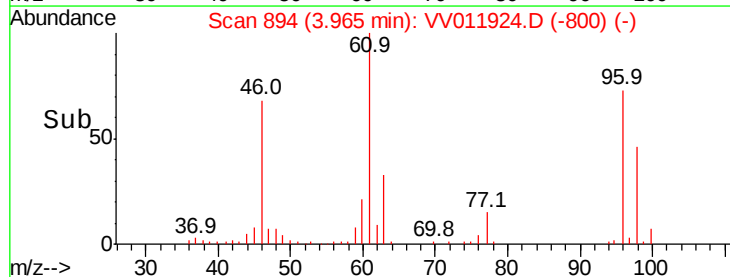
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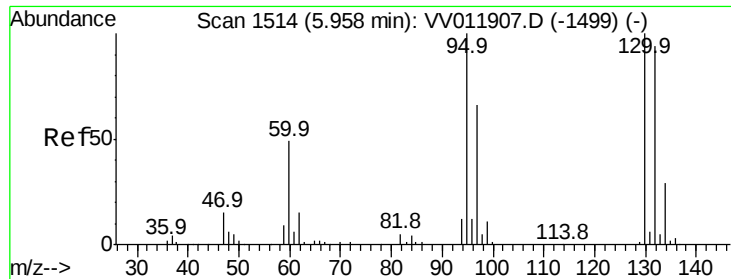
0

3.90

4.00

Time-->

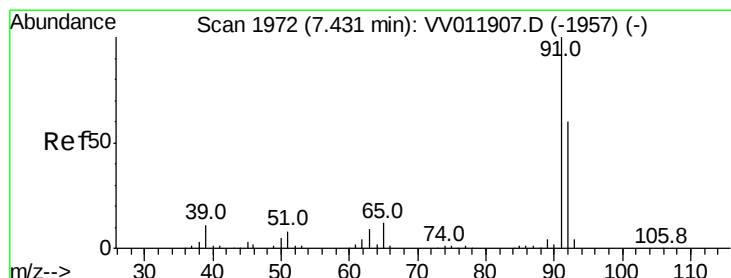
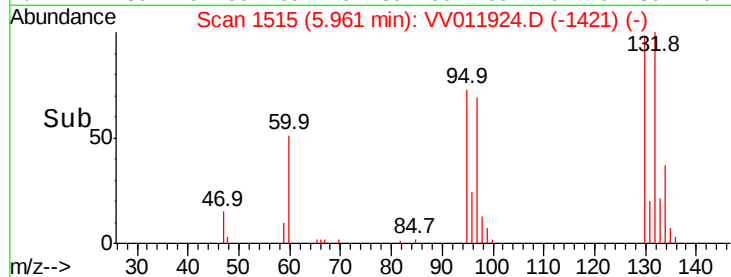
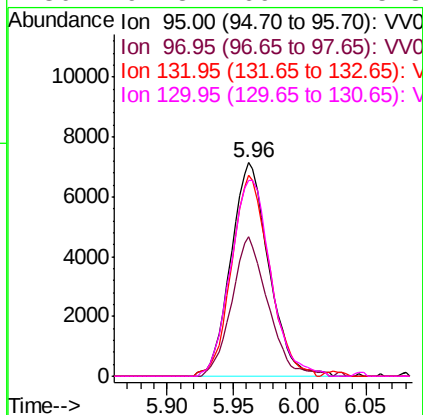
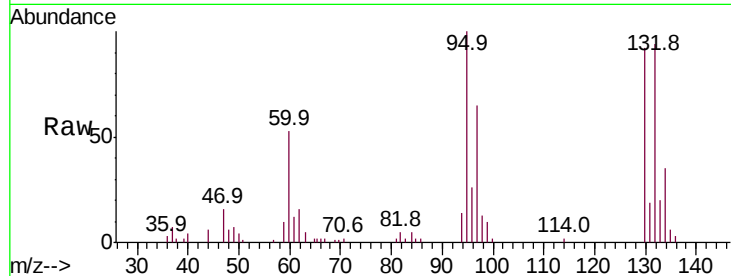




#34
 Trichloroethene
 Concen: 1.053 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV011924.D
 Acq: 17 Jul 2019 20:40

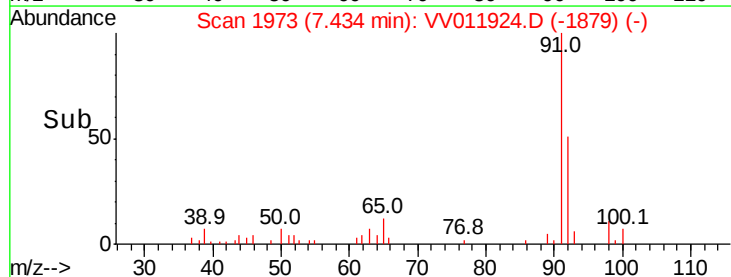
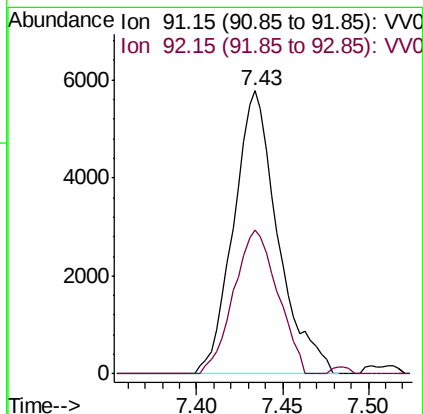
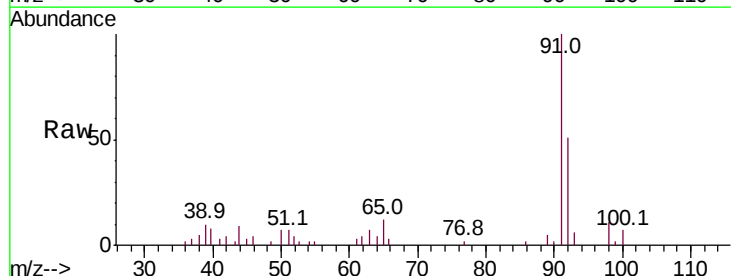
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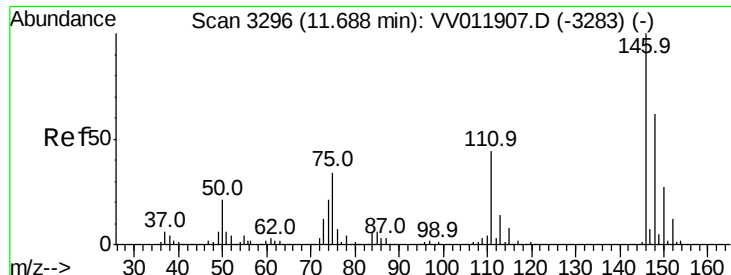
Tot Ion:	95	Resp:	14225
Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.0	81.6
132	93.9	67.0	124.4
130	91.8	69.1	128.3



#42
 Toluene
 Concen: 0.202 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV011924.D
 Acq: 17 Jul 2019 20:40

Tgt Ion:	91	Resp:	10323
Ion	Ratio	Lower	Upper
91	100		
92	51.0	41.1	76.3





#65

1,2-Dichlorobenzene

Concen: 0.168 ug/L

RT: 11.69 min Scan# 3296

Delta R.T. -0.00 min

Lab File: VV011924.D

Acq: 17 Jul 2019 20:40

Instrument :

MSVOA_V

ClientSampleId :

A52Q2

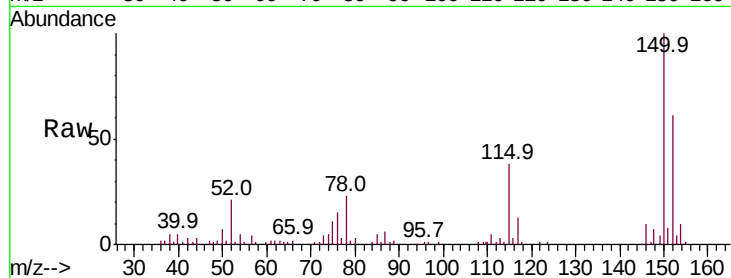
Tot Ion:146 Resp: 3543

Ion Ratio Lower Upper

146 100

111 56.5 34.0 51.0#

148 70.8 51.8 77.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

