

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015685.D
 Acq On : 24 Apr 2020 19:37
 Operator : SY/MD
 Sample : L2388-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSC8

Quant Time: Apr 25 04:00:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	132941	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128938	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61953	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30440	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	28741	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.12	63	46161	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	3.91	46	107700	48.28	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.56%
24) Chloroform-d	4.38	84	72791	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.06	65	41809	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.08	84	135843	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.10	67	45223	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.34	98	123344	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.65	79	11560	3.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.80%
46) 2-Hexanone-d5	8.11	63	80258	43.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32481	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	48496	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

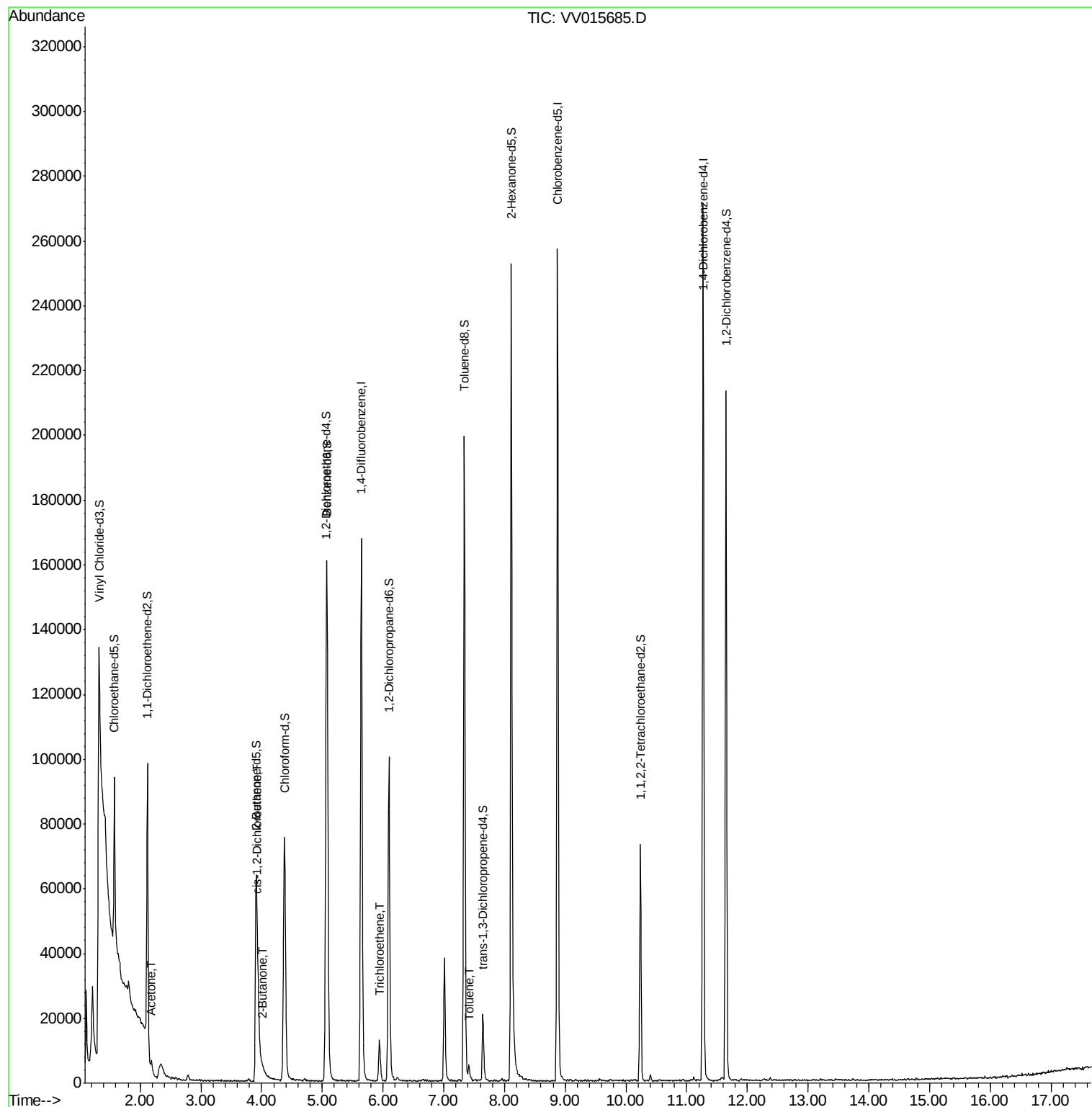
					Ovalue
13) Acetone	2.19	43	4488	2.897 ug/L	90
21) 2-Butanone	4.02	43	4338	1.816 ug/L	78
22) cis-1,2-Dichloroethene	3.94	96	3143	0.328 ug/L	91
34) Trichloroethene	5.94	95	4204	0.413 ug/L	96
42) Toluene	7.41	91	3129	0.079 ug/L	94

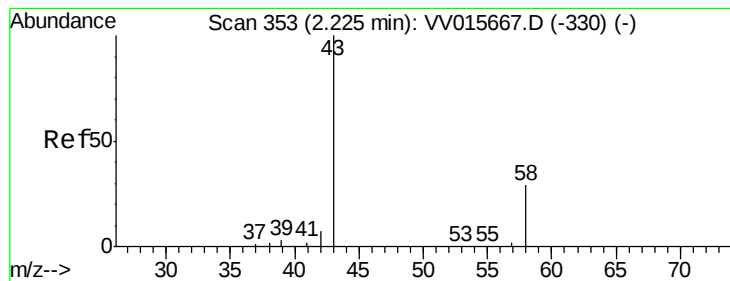
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.897 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

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Acq: 24 Apr 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

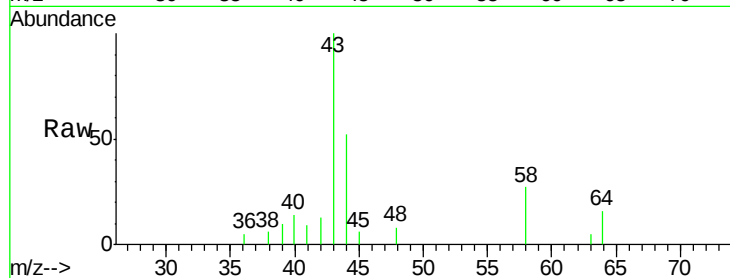
BFSC8

Tot Ion: 43 Resp: 4488

Ion Ratio Lower Upper

43 100

58 34.3 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2500

2000

1500

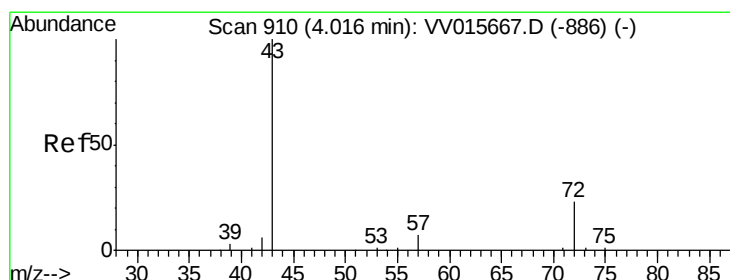
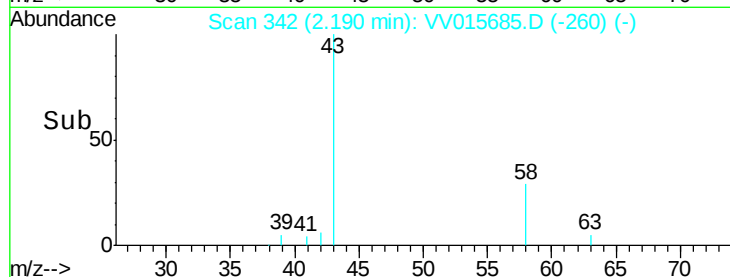
1000

500

0

2.10 2.15 2.20 2.25

Time-->



#21

2-Butanone

Concen: 1.816 ug/L

RT: 4.02 min Scan# 911

Delta R.T. 0.00 min

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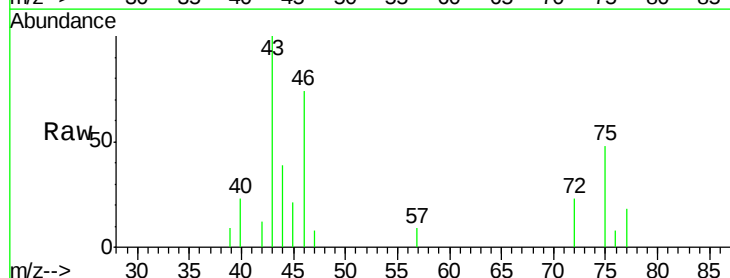
Acq: 24 Apr 2020 19:37

Tgt Ion: 43 Resp: 4338

Ion Ratio Lower Upper

43 100

72 13.5 12.3 36.9



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

1500

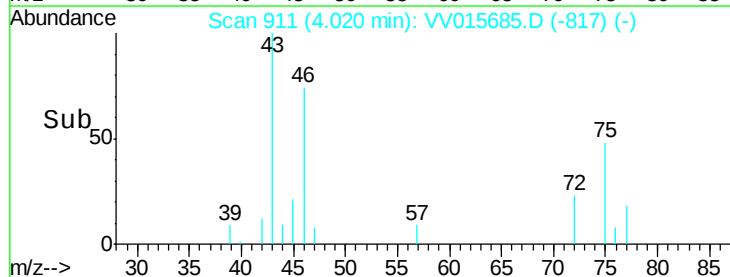
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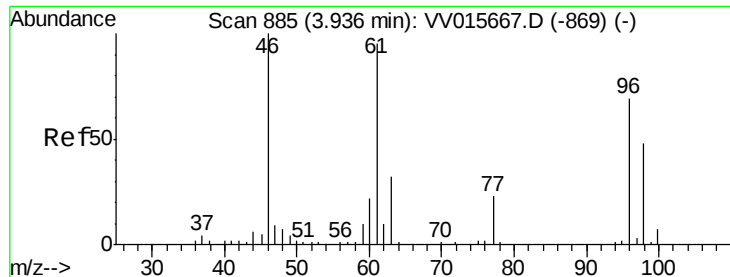
500

0

3.95 4.00 4.05 4.10

Time-->



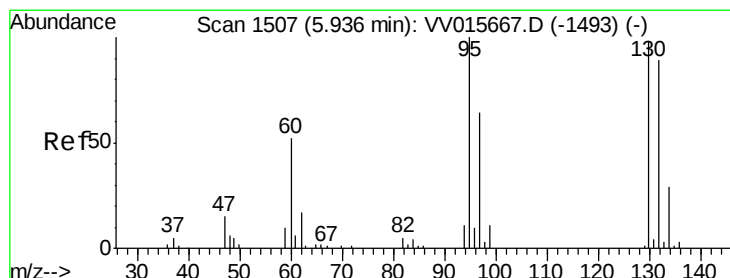
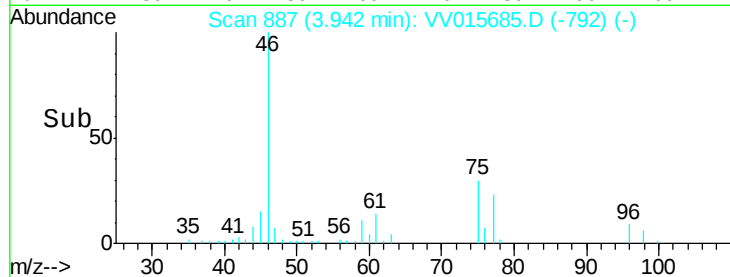
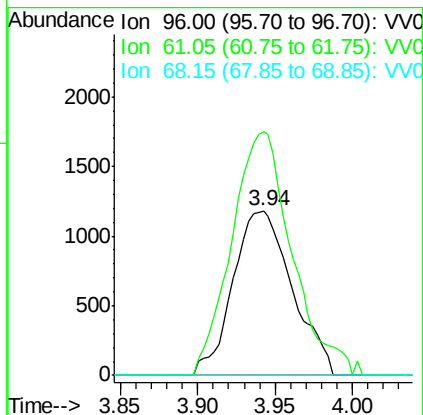
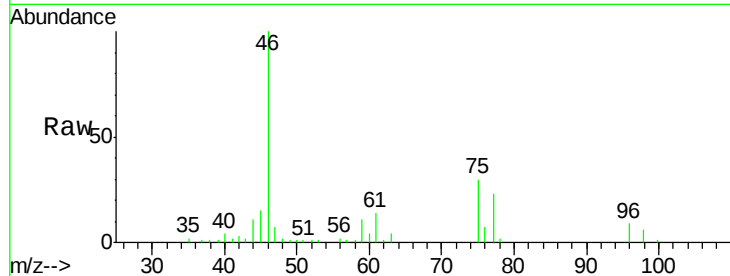


#22

cis-1,2-Dichloroethene
 Concen: 0.328 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
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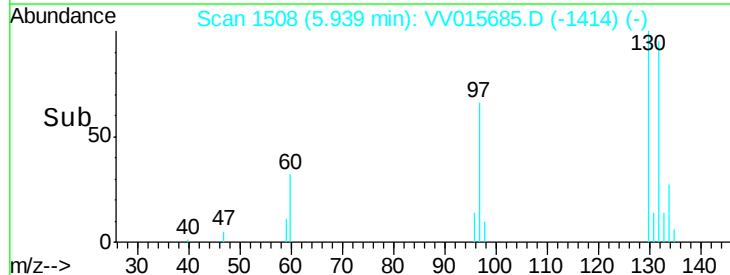
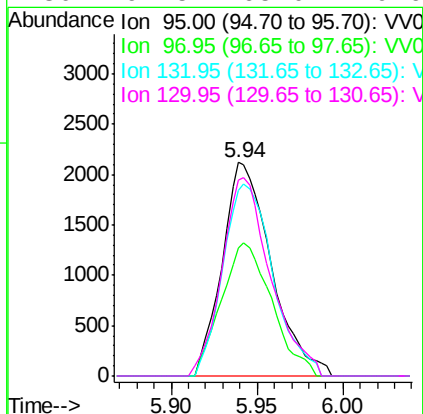
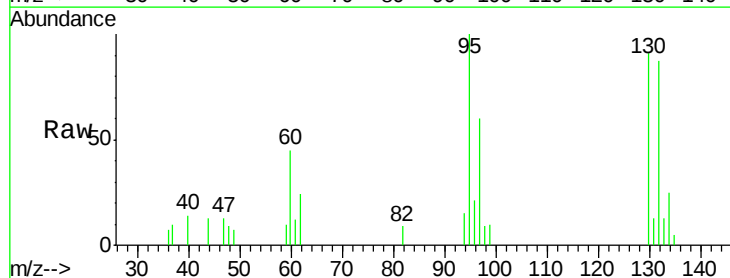
Tot Ion: 96 Resp: 3143
 Ion Ratio Lower Upper
 96 100
 61 148.0 96.4 179.0
 68 0.0 0.0 0.0

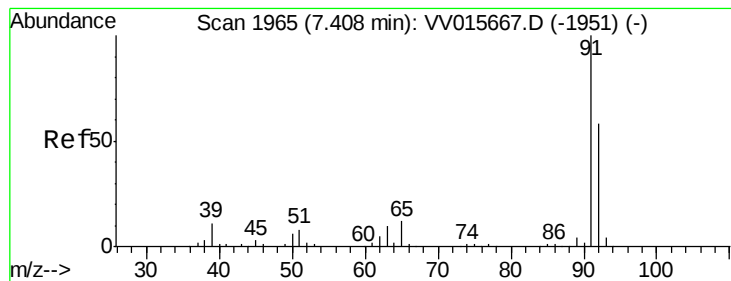


#34

Trichloroethene
 Concen: 0.413 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015685.D
 Acq: 24 Apr 2020 19:37

Tgt Ion: 95 Resp: 4204
 Ion Ratio Lower Upper
 95 100
 97 59.9 44.7 82.9
 132 86.7 65.2 121.0
 130 91.5 65.0 120.6





#42

Toluene

Concen: 0.079 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015685.D

Acq: 24 Apr 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

BFSC8

Tot Ion: 91 Resp: 3129

Ion Ratio Lower Upper

91 100

92 62.5 40.7 75.7

