

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016244.D
 Acq On : 27 May 2020 22:09
 Operator : SY/MD
 Sample : L2766-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE4Y5

Quant Time: May 28 06:48:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	85859	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	84751	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	37667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25263	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	23976	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	37119	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.94	46	76359	55.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.66%
24) Chloroform-d	4.38	84	52997	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	28949	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.08	84	101034	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.10	67	32203	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.34	98	93932	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
45) trans-1,3-Dichloropropene-	7.65	79	10665	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
48) 2-Hexanone-d5	8.12	63	51459	46.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.68%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22481	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	32550	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

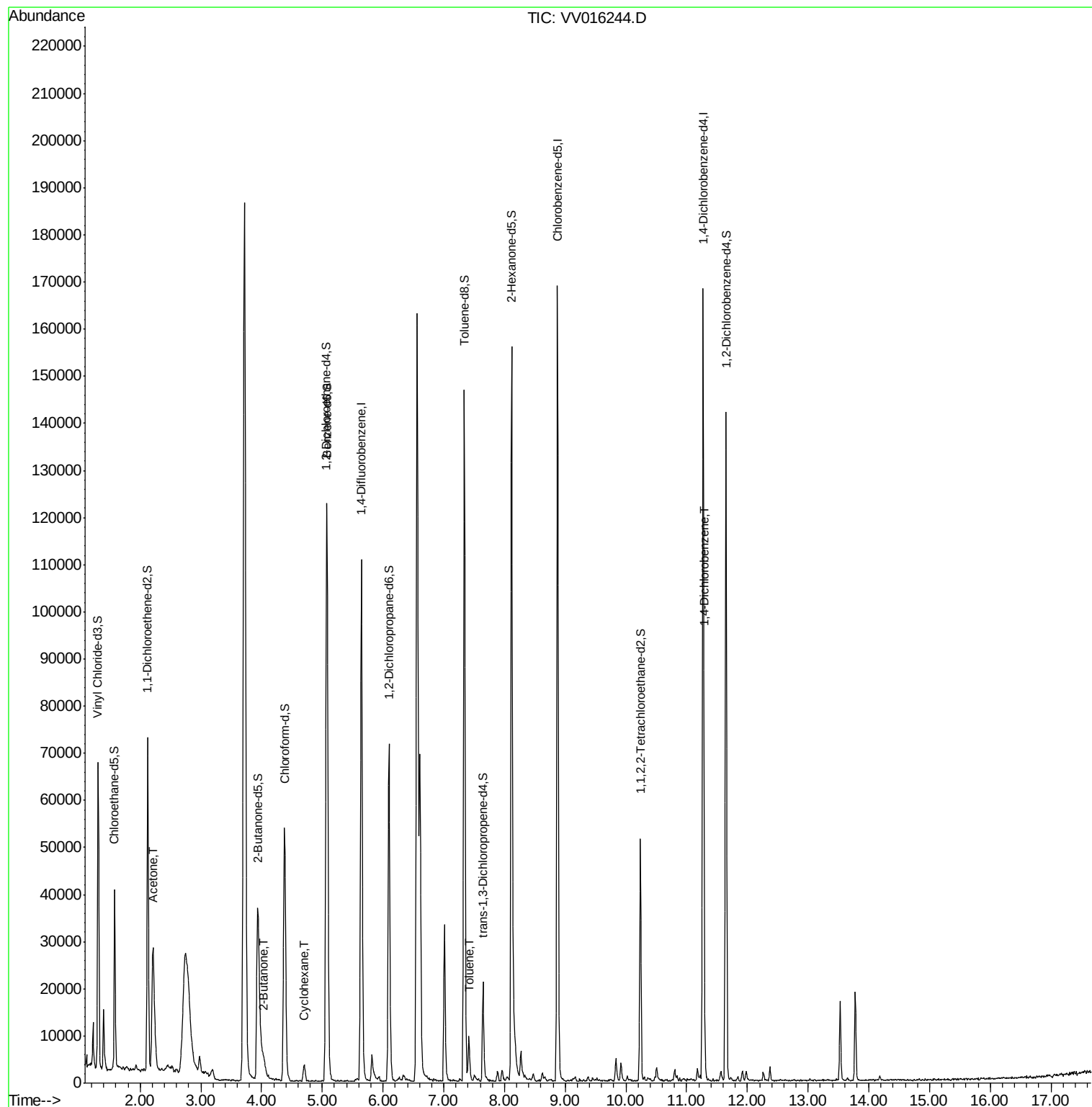
					Ovalue
13) Acetone	2.21	43	51505	60.831 ug/L	90
21) 2-Butanone	4.04	43	6791	4.509 ug/L	97
30) Cyclohexane	4.70	56	1771	0.164 ug/L	97
42) Toluene	7.41	91	6405	0.241 ug/L	95
64) 1,4-Dichlorobenzene	11.29	146	2982	0.255 ug/L	87

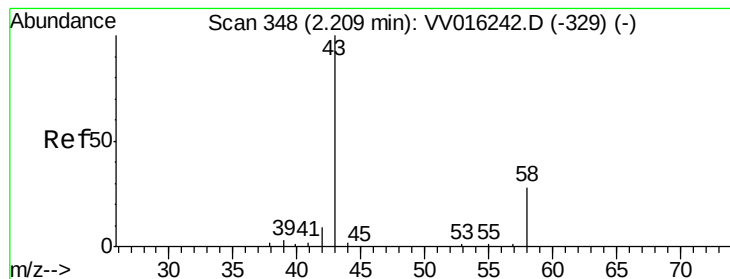
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 60.831 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

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Acq: 27 May 2020 22:09

Instrument :

MSVOA_V

ClientSampleId :

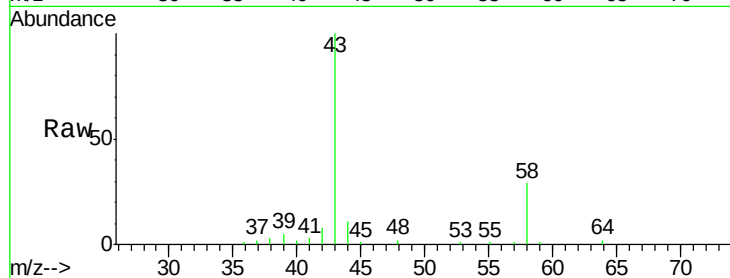
BE4Y5

Tot Ion: 43 Resp: 51505

Ion Ratio Lower Upper

43 100

58 29.4 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

15000

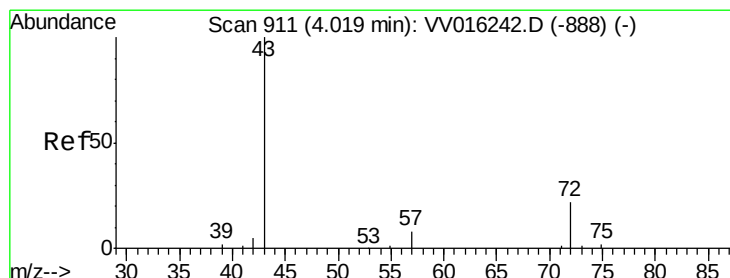
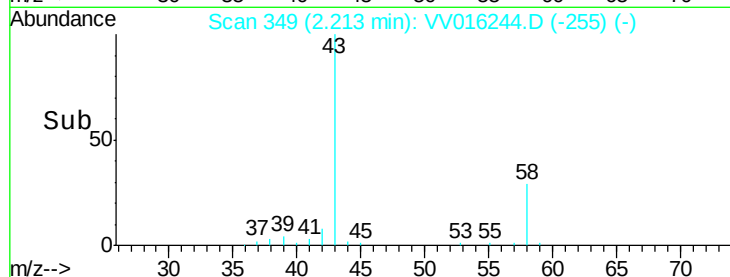
10000

5000

0

Time-->

2.10 2.20 2.30



#21

2-Butanone

Concen: 4.509 ug/L

RT: 4.04 min Scan# 917

Delta R.T. 0.02 min

Lab File: VV016244.D

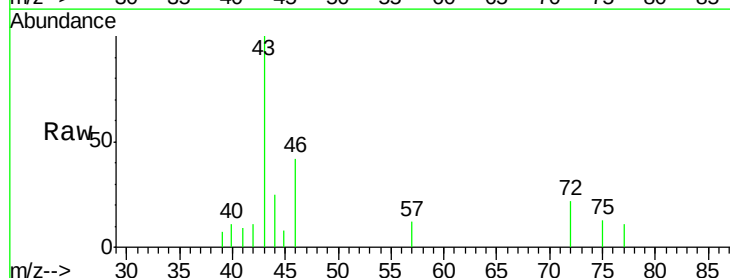
Acq: 27 May 2020 22:09

Tgt Ion: 43 Resp: 6791

Ion Ratio Lower Upper

43 100

72 20.7 9.7 28.9



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

4.04

2000

1500

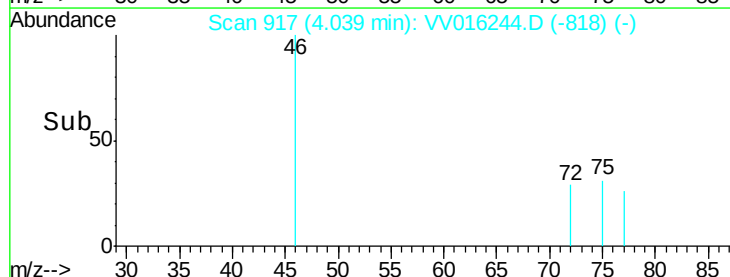
1000

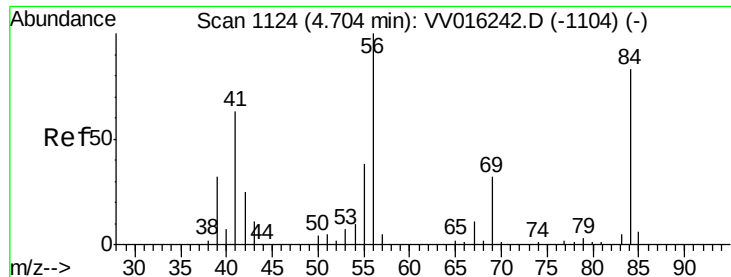
500

0

Time-->

4.00 4.10

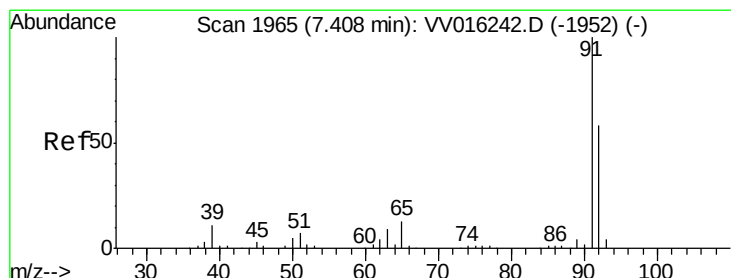
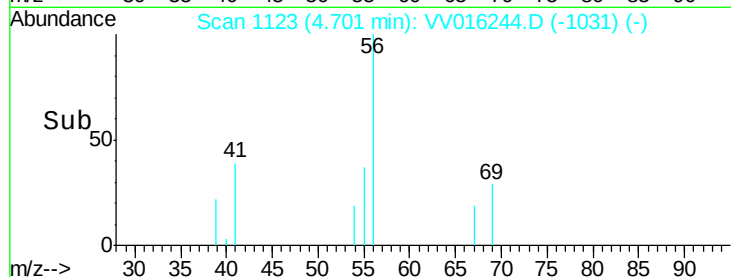
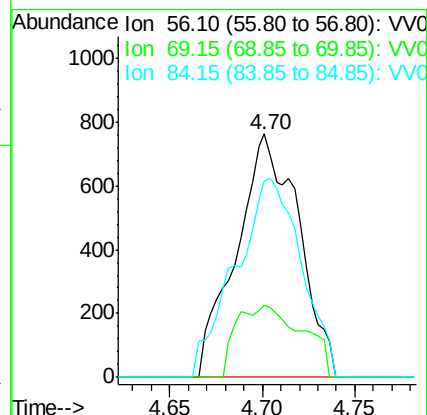
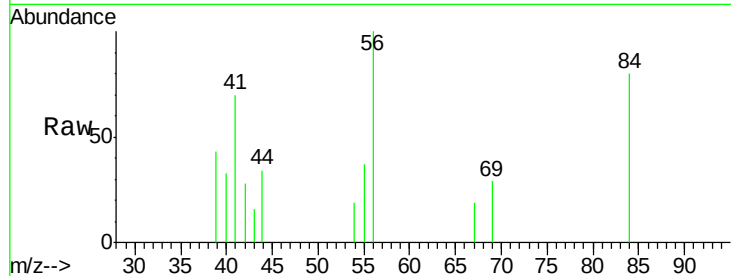




#30
Cyclohexane
Concen: 0.164 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016244.D
Acq: 27 May 2020 22:09

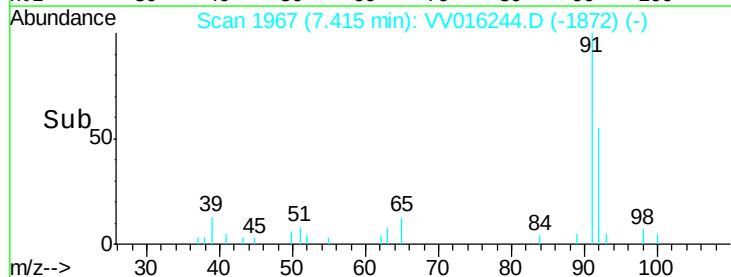
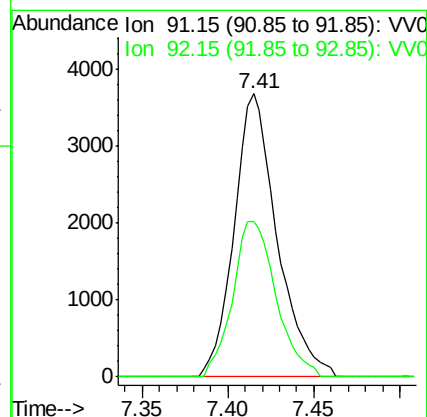
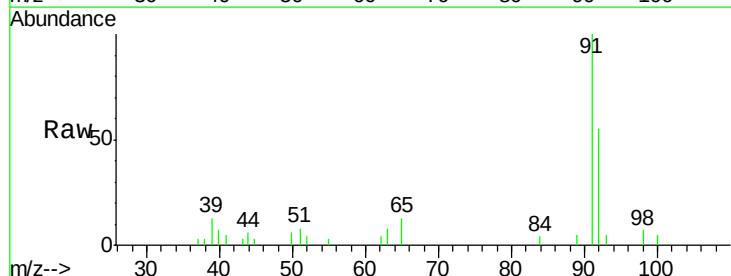
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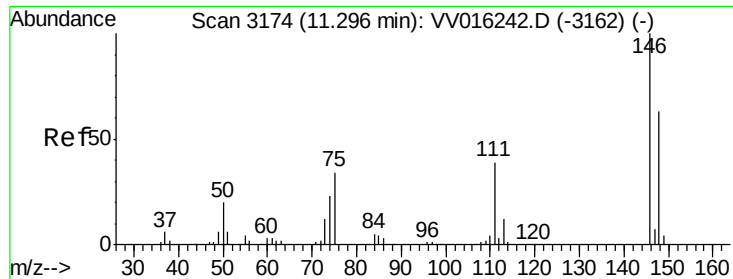
Tot Ion: 56 Resp: 1771
Ion Ratio Lower Upper
56 100
69 31.5 24.6 36.8
84 87.1 67.1 100.7



#42
Toluene
Concen: 0.241 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV016244.D
Acq: 27 May 2020 22:09

Tgt Ion: 91 Resp: 6405
Ion Ratio Lower Upper
91 100
92 54.8 40.9 76.0





#64

1,4-Dichlorobenzene

Concen: 0.255 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV016244.D

Acq: 27 May 2020 22:09

Instrument :

MSVOA_V

ClientSampleId :

BE4Y5

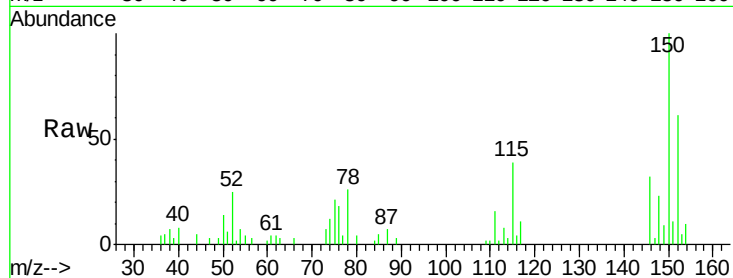
Tot Ion:146 Resp: 2982

Ion Ratio Lower Upper

146 100

111 49.7 28.3 52.7

148 70.5 43.3 80.3



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

