

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016733.D
 Acq On : 09 Jun 2020 21:35
 Operator : SY/MD
 Sample : L2914-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E30

Quant Time: Jun 10 03:46:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	361143	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	341557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165703	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	92590	36.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.66%
7) Chloroethane-d5	1.56	69	71435	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.44%
11) 1,1-Dichloroethene-d2	2.12	63	133642	31.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.46%
21) 2-Butanone-d5	3.89	46	185374	98.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.29%
24) Chloroform-d	4.37	84	228944	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.05	65	168528	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
32) Benzene-d6	5.07	84	446941	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
36) 1,2-Dichloropropane-d6	6.09	67	141019	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.90%
41) Toluene-d8	7.34	98	393604	43.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.12%
43) trans-1,3-Dichloropropene-	7.64	79	64651	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
47) 2-Hexanone-d5	8.11	63	122723	91.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	192407	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	172715	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds

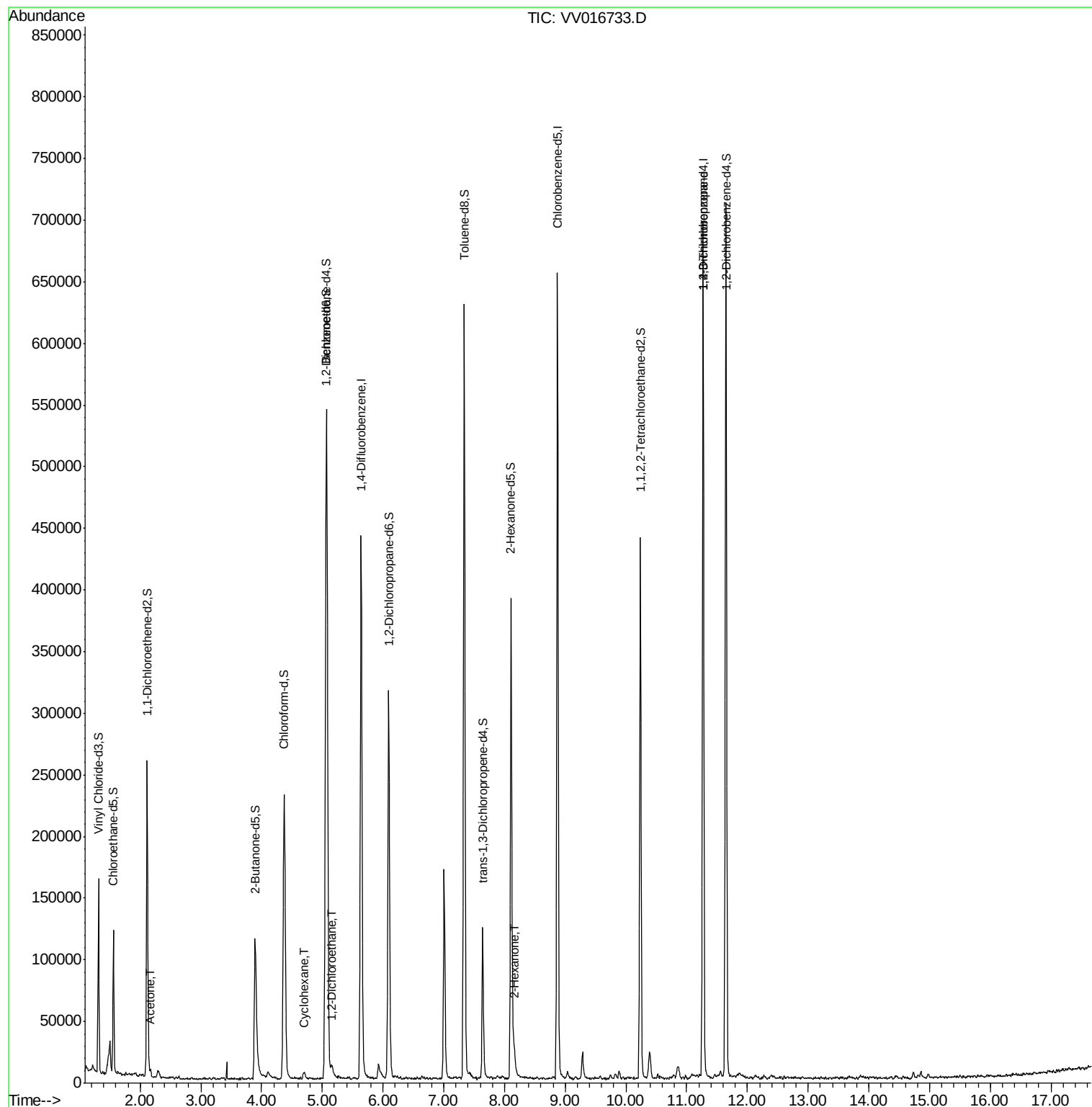
					Ovalue
13) Acetone	2.17	43	4539	3.653 ug/L	92
27) 1,2-Dichloroethane	5.16	62	7865	1.985 ug/L	99
29) Cyclohexane	4.70	56	2818	0.664 ug/L #	78
48) 2-Hexanone	8.16	43	10142	3.512 ug/L #	86
59) 1,2,3-Trichloropropane	11.27	75	20567	6.308 ug/L	89

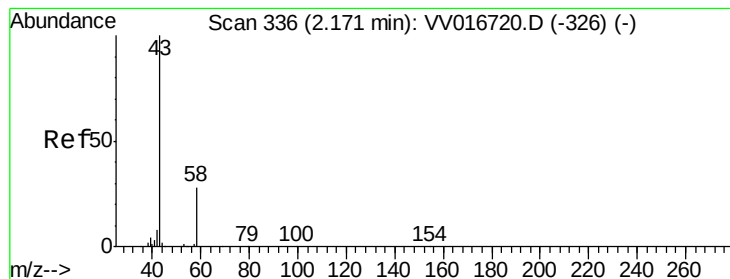
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.653 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016733.D

Acq: 09 Jun 2020 21:35

Instrument :

MSVOA_V

ClientSampled :

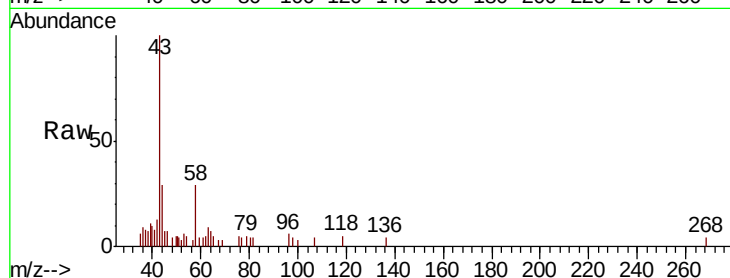
F9E30

Tot Ion: 43 Resp: 4539

Ion Ratio Lower Upper

43 100

58 23.2 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.17

3000

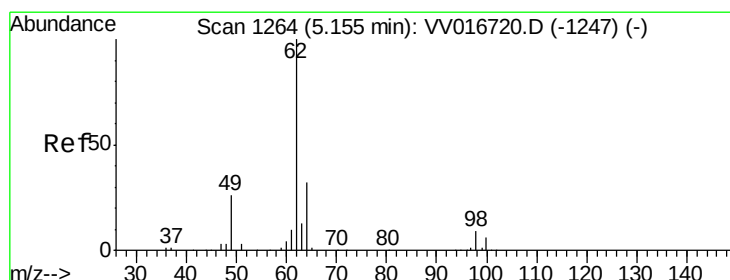
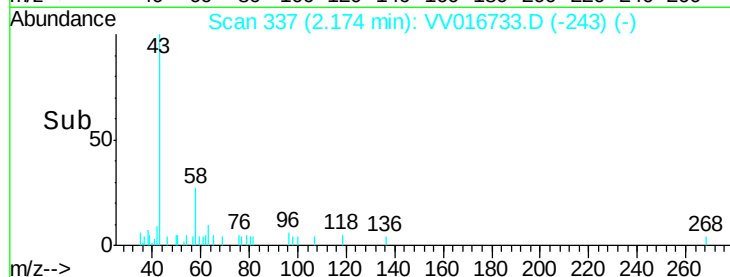
2000

1000

0

Time-->

2.15 2.20



#27

1,2-Dichloroethane

Concen: 1.985 ug/L

RT: 5.16 min Scan# 1266

Delta R.T. 0.01 min

Lab File: VV016733.D

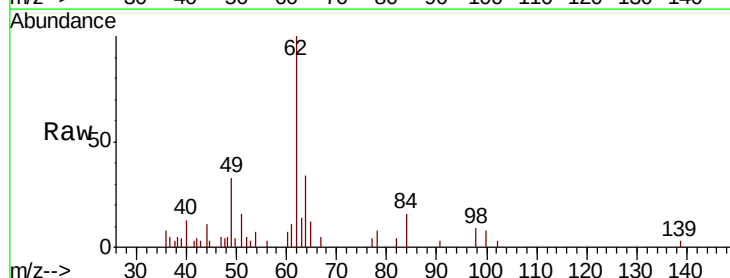
Acq: 09 Jun 2020 21:35

Tgt Ion: 62 Resp: 7865

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

5.16

4000

3000

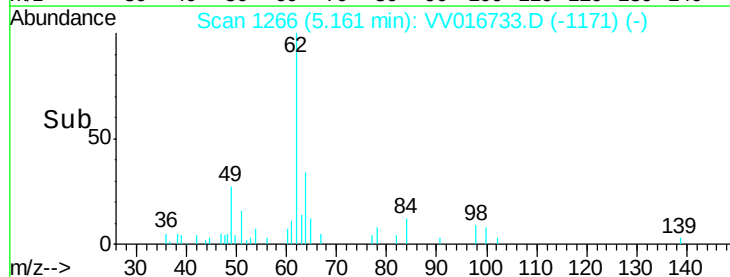
2000

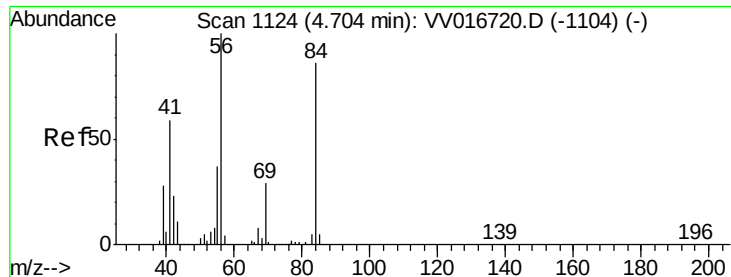
1000

0

Time-->

5.10 5.15 5.20 5.25

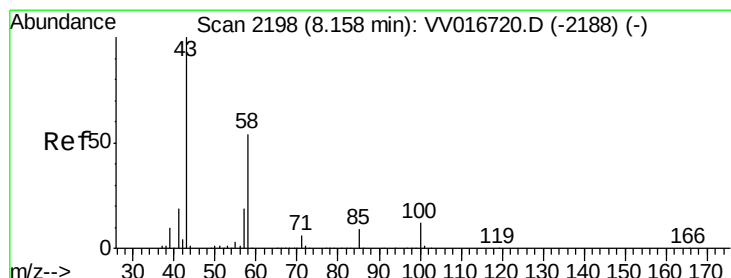
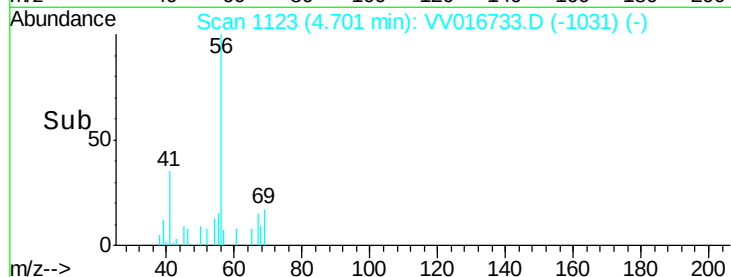
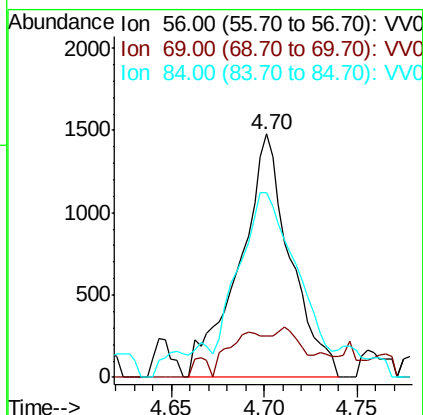
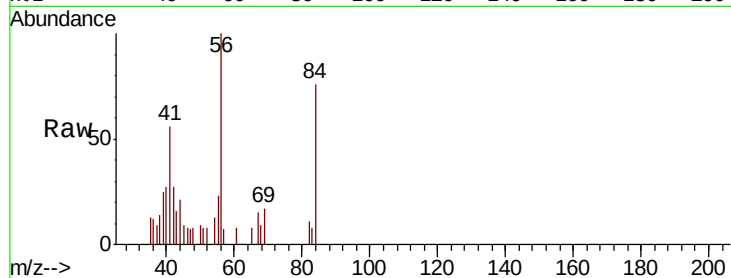




#29
Cyclohexane
Concen: 0.664 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
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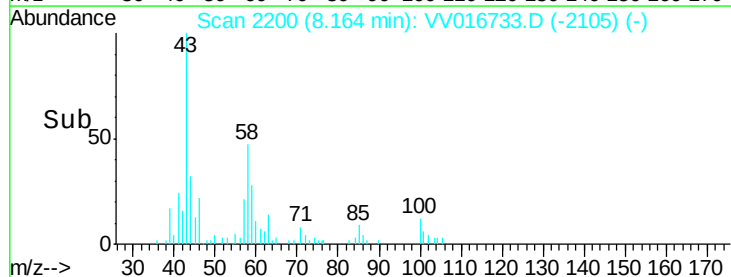
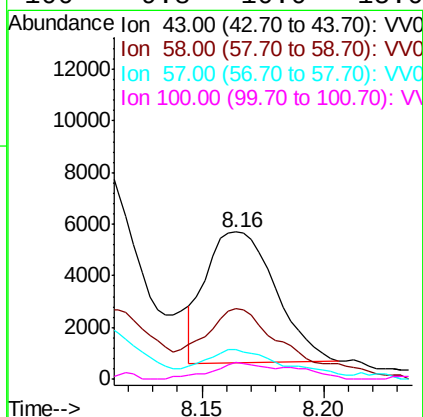
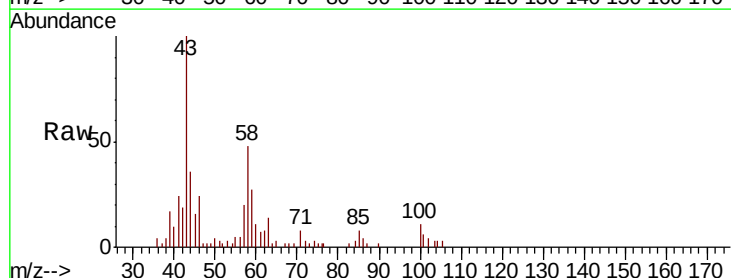
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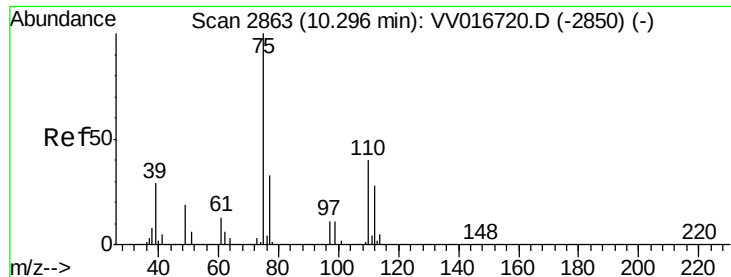
Tot Ion: 56 Resp: 2818
Ion Ratio Lower Upper
56 100
69 10.4 25.0 37.4#
84 71.9 69.5 104.3



#48
2-Hexanone
Concen: 3.512 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016733.D
Acq: 09 Jun 2020 21:35

Tgt Ion: 43 Resp: 10142
Ion Ratio Lower Upper
43 100
58 43.1 43.1 64.7#
57 12.5 15.3 22.9#
100 9.8 10.0 15.0#





#59

1,2,3-Trichloropropane

Concen: 6.308 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016733.D

Acq: 09 Jun 2020 21:35

Instrument :

MSVOA_V

ClientSampleId :

F9E30

Tot Ion: 75 Resp: 20567

Ion Ratio Lower Upper

75 100

77 38.9 26.1 39.1

