

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016487.D
 Acq On : 04 Jun 2020 04:01
 Operator : SY/MD
 Sample : L2849-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTQ9

Quant Time: Jun 04 07:22:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 05:34:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362677	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340576	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162749	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112547	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.62%
7) Chloroethane-d5	1.57	69	81903	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.34%
11) 1,1-Dichloroethene-d2	2.12	63	152643	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
21) 2-Butanone-d5	3.89	46	196406	119.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.58%
24) Chloroform-d	4.38	84	222159	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.06	65	155846	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
32) Benzene-d6	5.07	84	450294	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
36) 1,2-Dichloropropane-d6	6.09	67	137647	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.84%
41) Toluene-d8	7.34	98	399506	48.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.44%
43) trans-1,3-Dichloropropene-	7.64	79	58268	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.12%
47) 2-Hexanone-d5	8.11	63	152201	125.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190233	49.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	162376	53.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.18%

Target Compounds

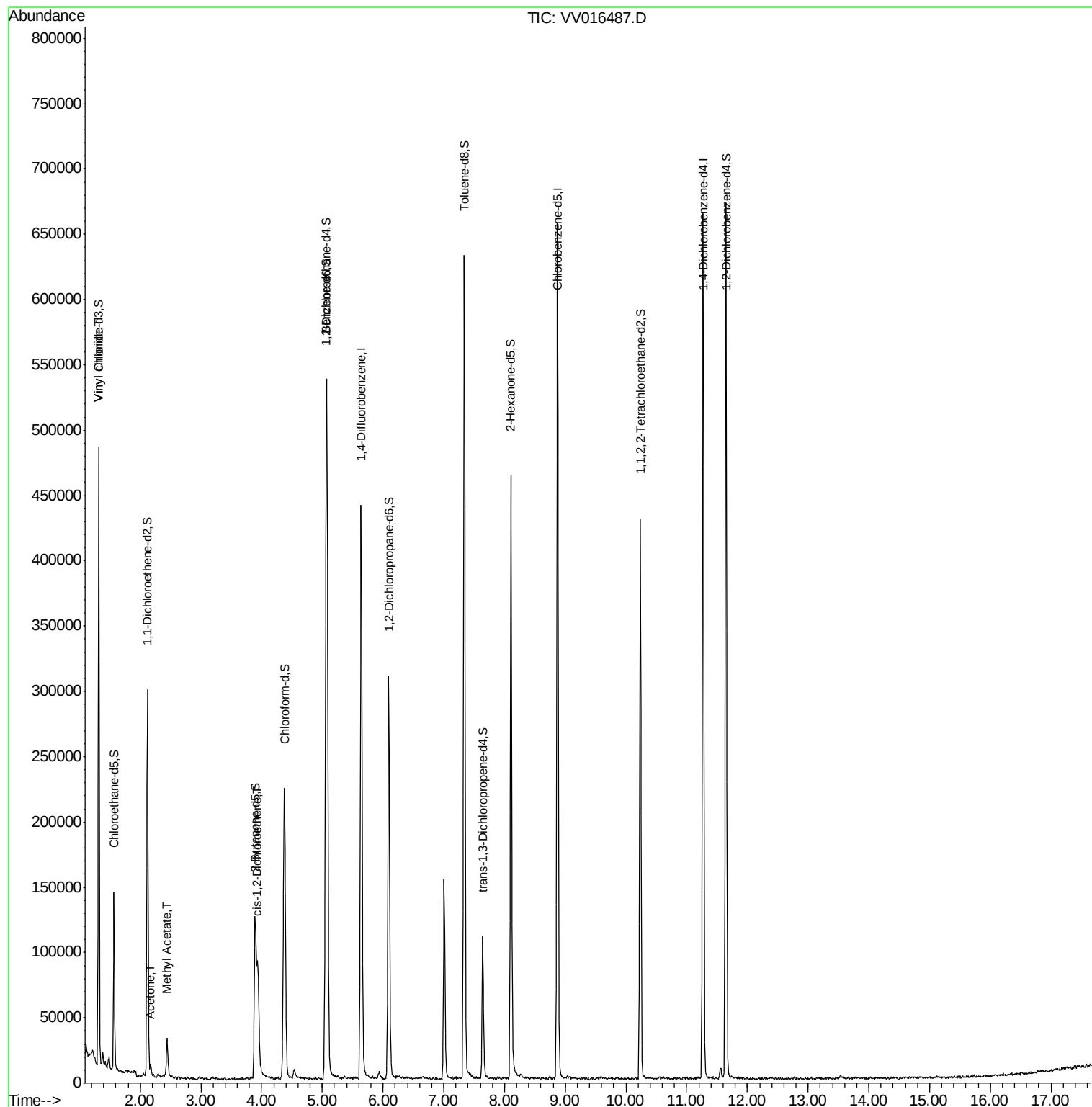
					Ovalue
5) Vinyl chloride	1.32	62	178475	64.068	ug/L 99
13) Acetone	2.17	43	9255	6.029	ug/L 99
15) Methyl Acetate	2.44	43	34247	12.138	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	40718	14.851	ug/L 97

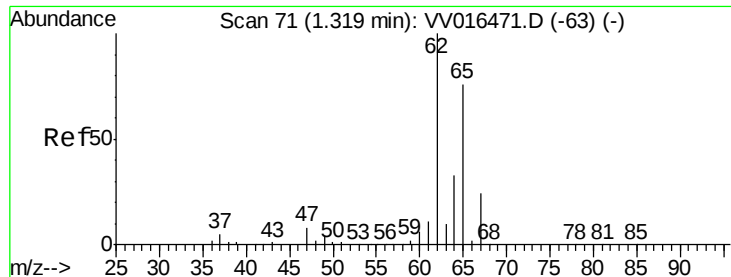
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 64.068 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016487.D

Acq: 04 Jun 2020 04:01

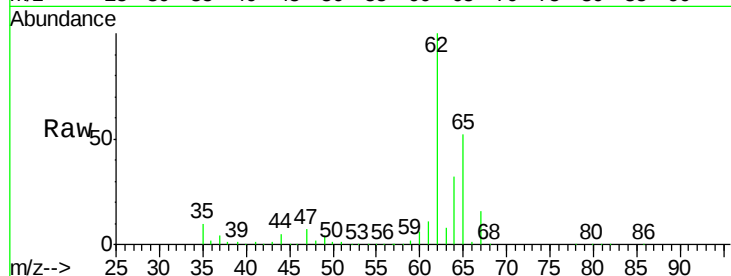
Instrument :
MSVOA_V
ClientSampled :
ETTQ9

Tot Ion: 62 Resp: 178475

Ion Ratio Lower Upper

62 100

64 32.1 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

200000

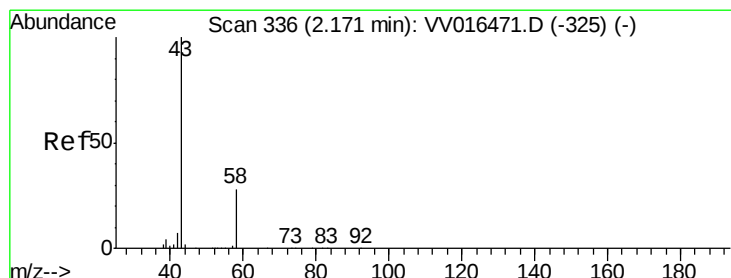
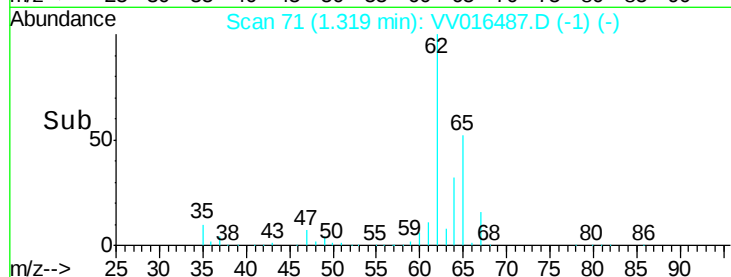
150000

100000

50000

0

Time-->



#13

Acetone

Concen: 6.029 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

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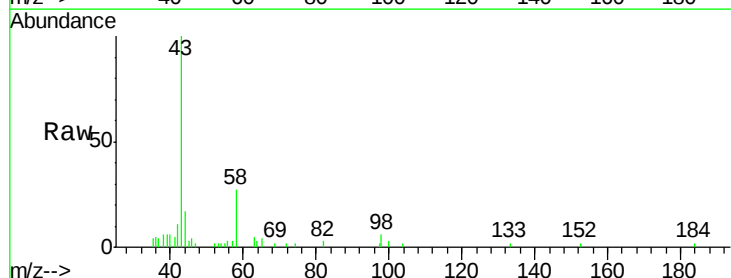
Acq: 04 Jun 2020 04:01

Tgt Ion: 43 Resp: 9255

Ion Ratio Lower Upper

43 100

58 28.9 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.17

6000

5000

4000

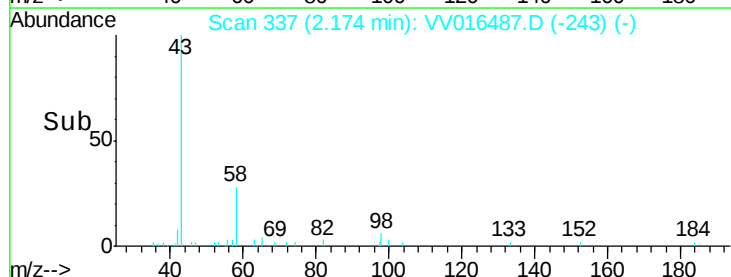
3000

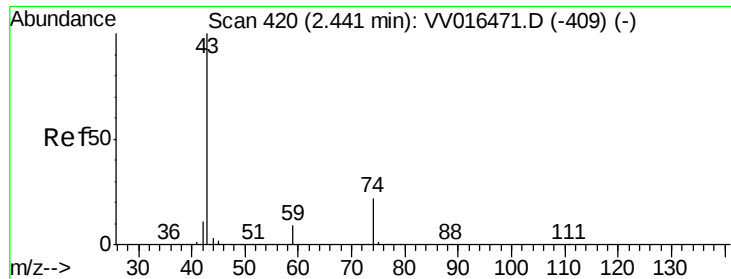
2000

1000

0

Time-->

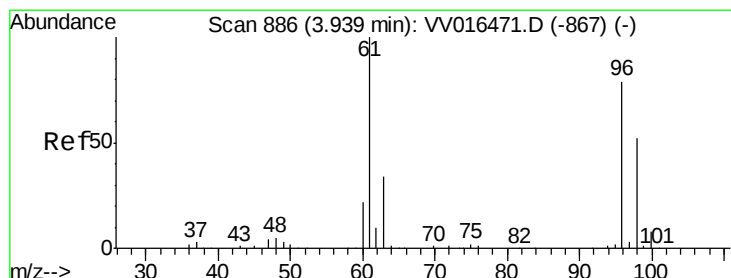
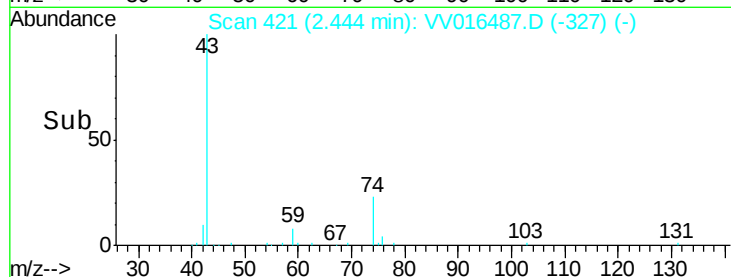
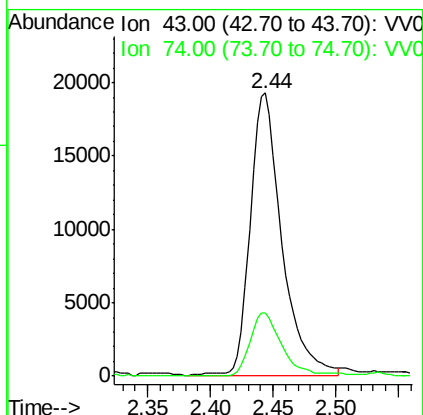
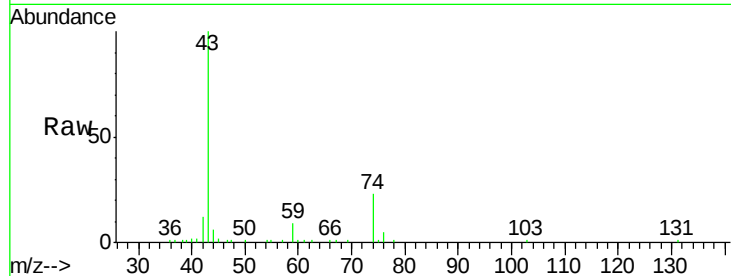




#15
Methvl Acetate
Concen: 12.138 ug/L
RT: 2.44 min Scan# 421
Delta R.T. 0.00 min
Lab File: VV016487.D
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Instrument :
MSVOA_V
ClientSampleId :
ETTQ9

Tot Ion: 43 Resp: 34247
Ion Ratio Lower Upper
43 100
74 21.9 18.1 27.1



#20
cis-1,2-Dichloroethene
Concen: 14.851 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016487.D
Acq: 04 Jun 2020 04:01

Tgt Ion: 96 Resp: 40718
Ion Ratio Lower Upper
96 100
61 130.2 93.4 173.4
68 0.0 0.0 0.0

