

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016785.D
 Acq On : 10 Jun 2020 22:00
 Operator : SY/MD
 Sample : L2901-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR1

Quant Time: Jun 11 04:27:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 04:06:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	311783	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	305022	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158105	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	98745	44.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.76%
7) Chloroethane-d5	1.56	69	70530	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.86%
11) 1,1-Dichloroethene-d2	2.11	63	131964	35.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.44%
21) 2-Butanone-d5	3.89	46	175555	107.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.81%
24) Chloroform-d	4.37	84	210167	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	5.05	65	151338	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
32) Benzene-d6	5.07	84	408483	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
36) 1,2-Dichloropropane-d6	6.09	67	128894	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.06%
41) Toluene-d8	7.34	98	375201	46.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.64	79	63015	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
47) 2-Hexanone-d5	8.11	63	111663	93.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181308	49.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	164595	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%

Target Compounds

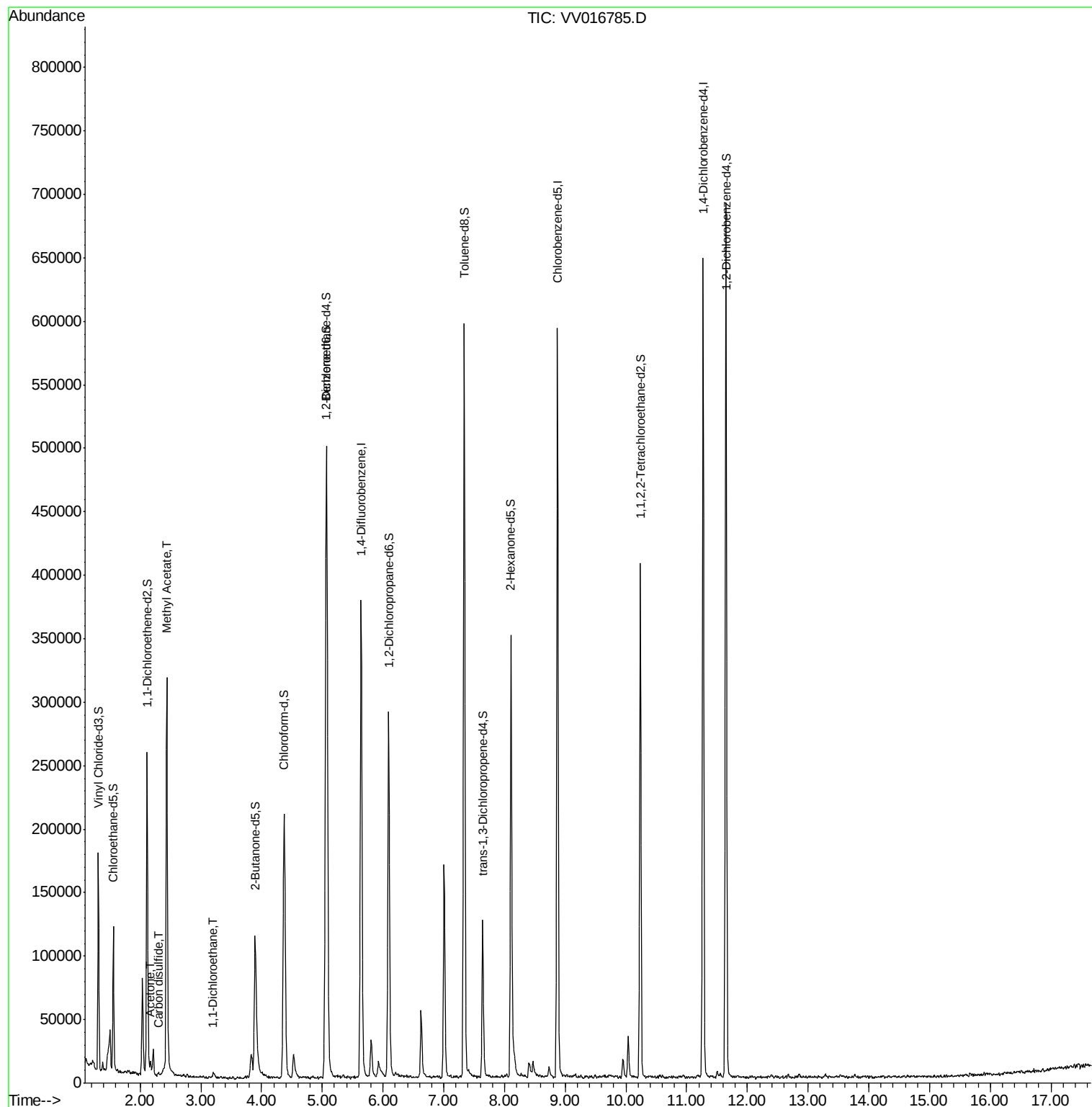
					Ovalue
13) Acetone	2.17	43	8158	7.604 ug/L	98
14) Carbon disulfide	2.31	76	3465	0.618 ug/L #	91
15) Methyl Acetate	2.44	43	330495	138.211 ug/L	100
19) 1,1-Dichloroethane	3.21	63	3592	0.904 ug/L #	93

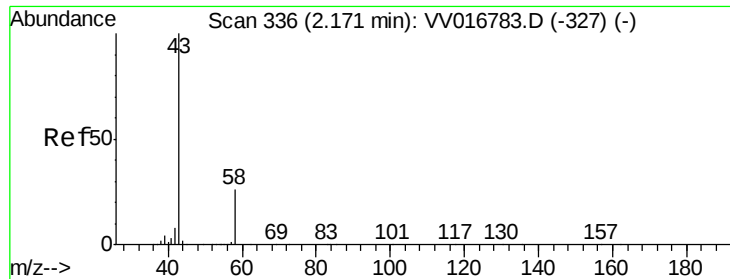
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.604 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

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Acq: 10 Jun 2020 22:00

Instrument :

MSVOA_V

ClientSampleId :

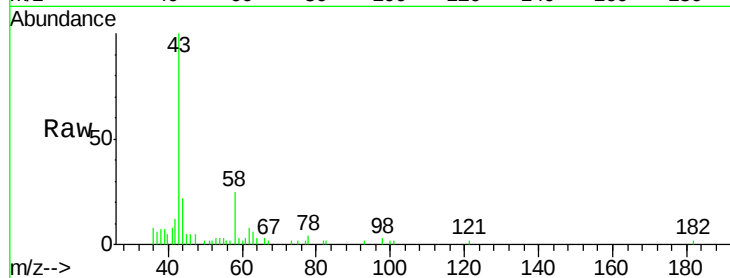
ETTR1

Tot Ion: 43 Resp: 8158

Ion Ratio Lower Upper

43 100

58 26.6 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

6000

5000

4000

3000

2000

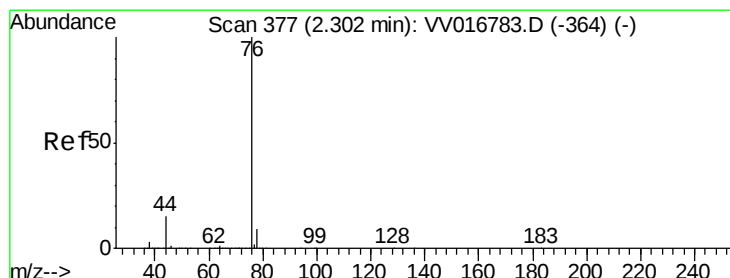
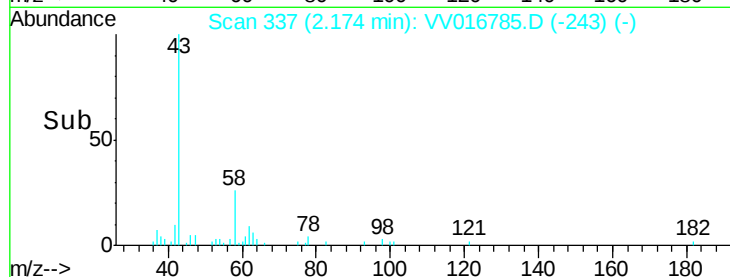
1000

0

Time-->

2.15

2.20



#14

Carbon disulfide

Concen: 0.618 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV016785.D

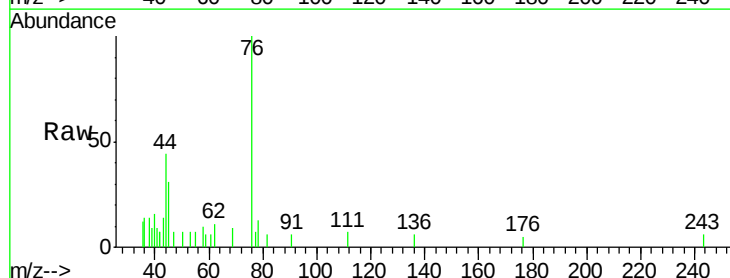
Acq: 10 Jun 2020 22:00

Tgt Ion: 76 Resp: 3465

Ion Ratio Lower Upper

76 100

78 12.5 7.4 11.0#



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

2000

1500

1000

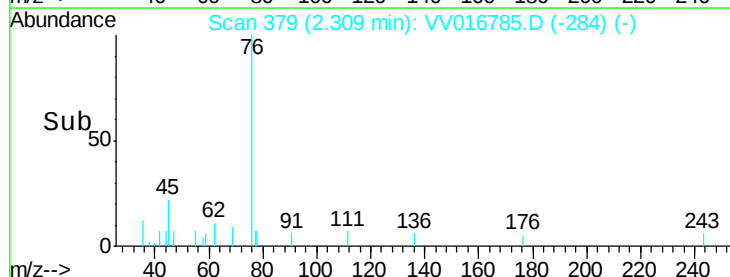
500

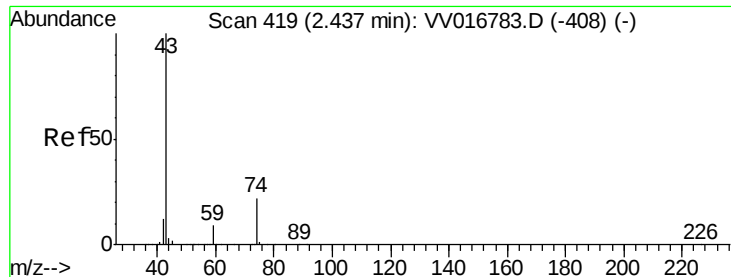
0

Time-->

2.25

2.30





#15

Methyl Acetate

Concen: 138.211 ug/L

RT: 2.44 min Scan# 419

Delta R.T. 0.00 min

Lab File: VV016785.D

Acq: 10 Jun 2020 22:00

Instrument :

MSVOA_V

ClientSampleId :

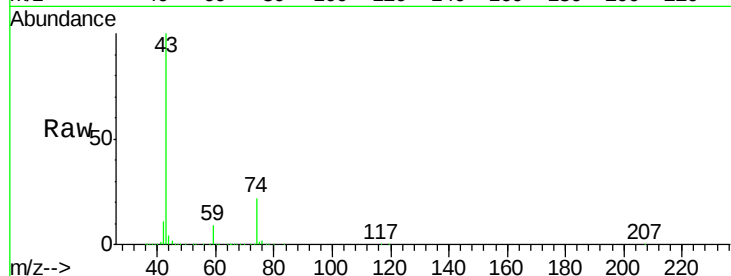
ETTR1

Tot Ion: 43 Resp: 330495

Ion Ratio Lower Upper

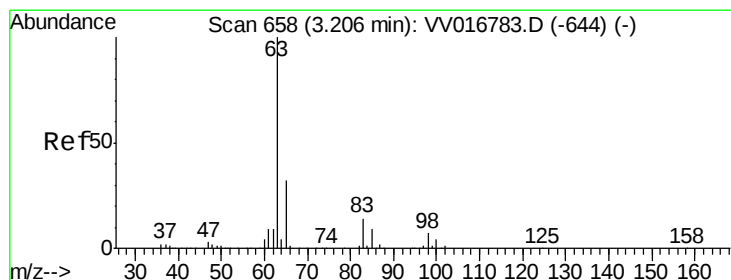
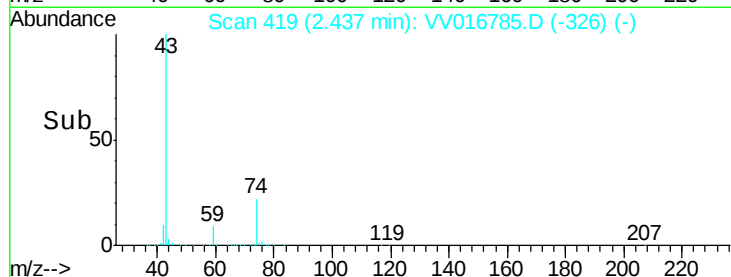
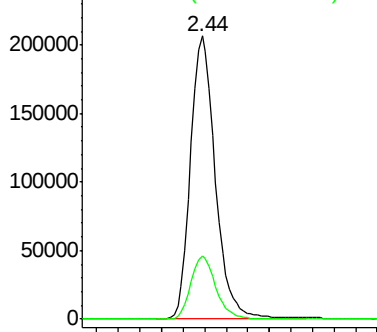
43 100

74 22.3 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#19

1,1-Dichloroethane

Concen: 0.904 ug/L

RT: 3.21 min Scan# 658

Delta R.T. 0.00 min

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Acq: 10 Jun 2020 22:00

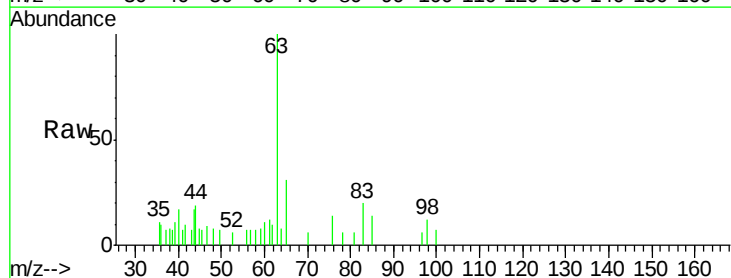
Tgt Ion: 63 Resp: 3592

Ion Ratio Lower Upper

63 100

65 30.5 23.2 43.0

83 20.1 10.0 18.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

