

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 04:08:23 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

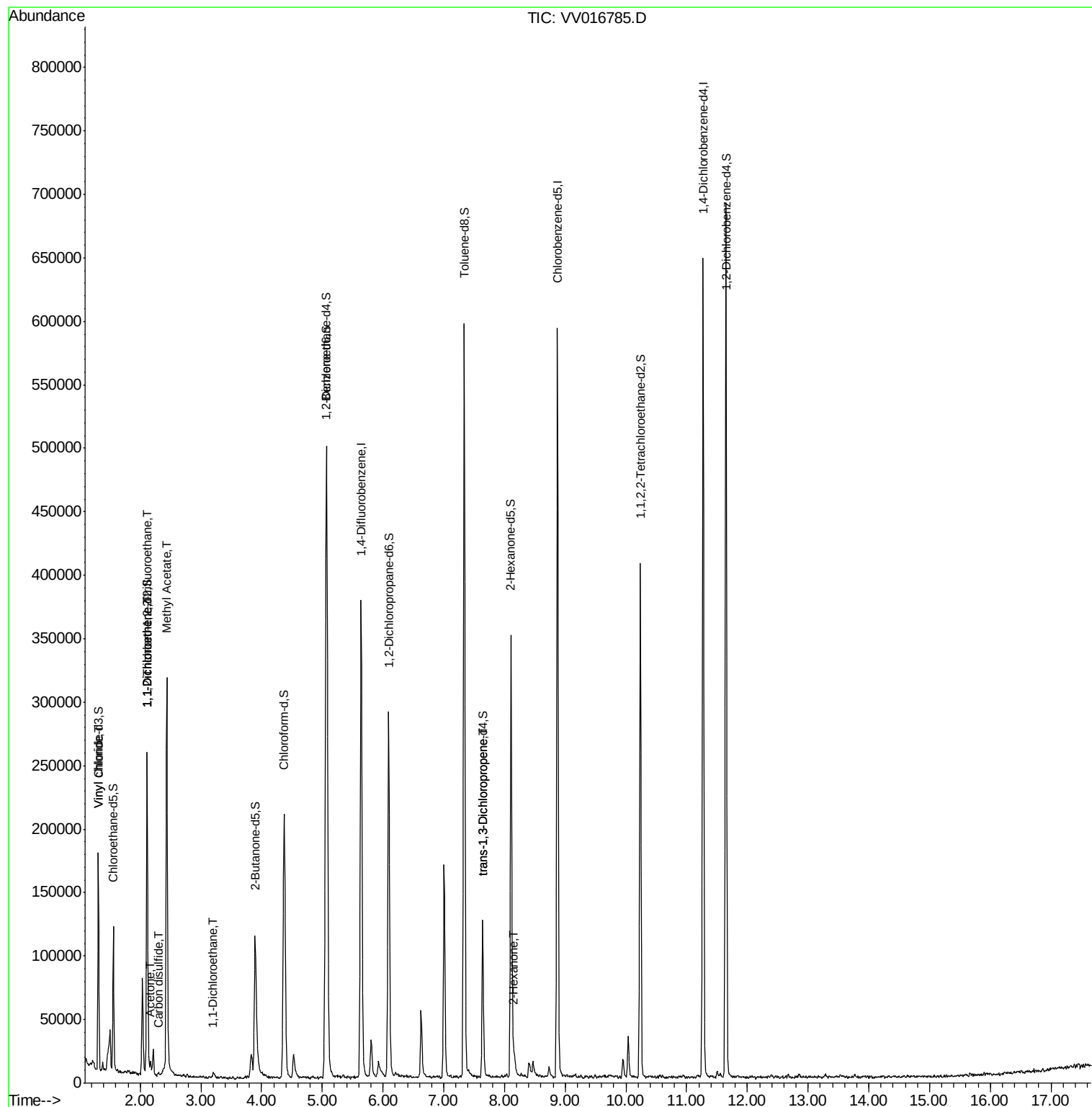
					Ovalue
5) Vinyl chloride	1.32	62	1972	0.887 ug/L #	13
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1111	0.670 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1257	0.812 ug/L #	1
13) Acetone	2.17	43	8158	7.604 ug/L	98
14) Carbon disulfide	2.31	76	3465	0.618 ug/L #	91
15) Methyl Acetate	2.44	43	330495	138.211 ug/L	100
19) 1,1-Dichloroethane	3.21	63	3592	0.904 ug/L #	93
44) trans-1,3-Dichloropropene	7.64	75	3336	0.941 ug/L	88
48) 2-Hexanone	8.16	43	8829	3.424 ug/L #	40

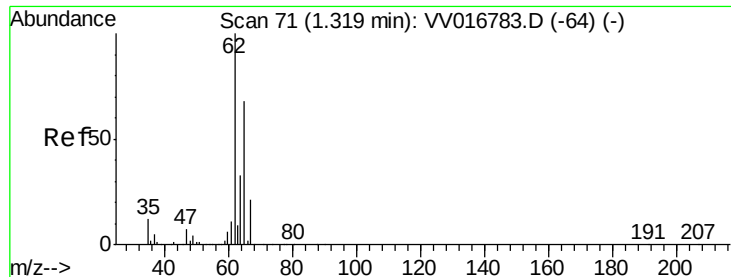
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 04:06:22 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.887 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016785.D

Acq: 10 Jun 2020 22:00

Instrument :

MSVOA_V

ClientSampleId :

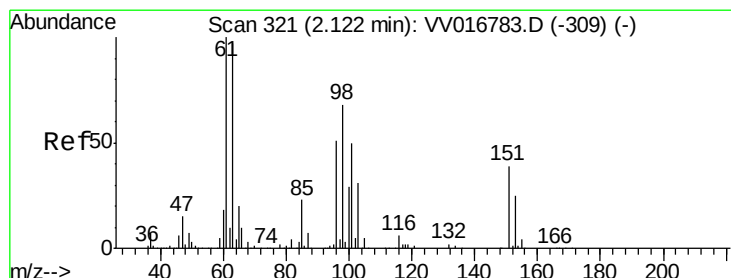
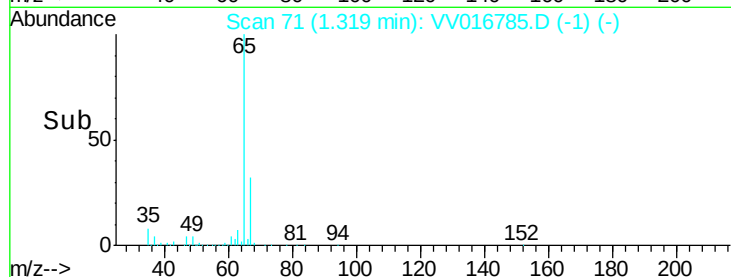
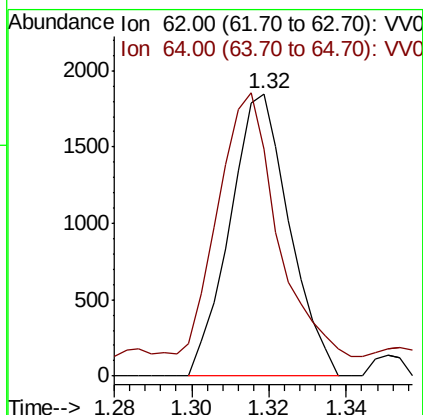
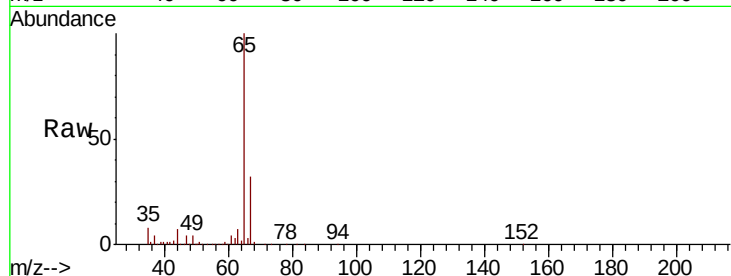
ETTR1

Tot Ion: 62 Resp: 1972

Ion Ratio Lower Upper

62 100

64 80.4 22.3 41.5#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.670 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016785.D

Acq: 10 Jun 2020 22:00

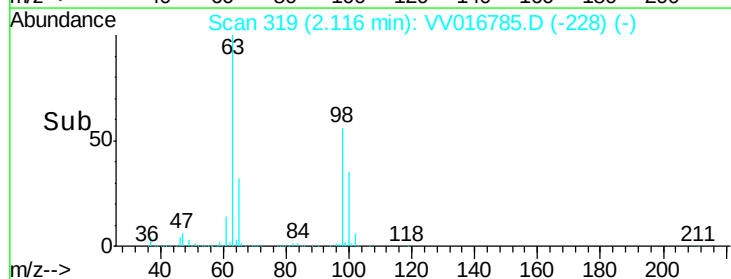
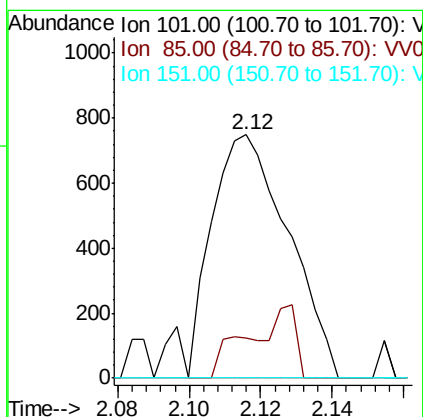
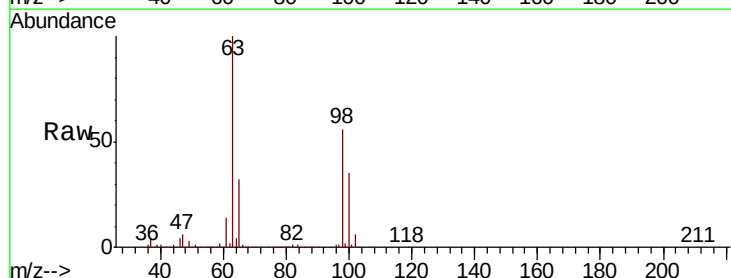
Tgt Ion: 101 Resp: 1111

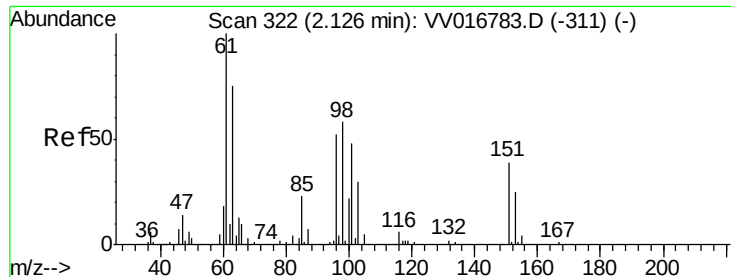
Ion Ratio Lower Upper

101 100

85 8.4 35.5 53.3#

151 0.0 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.812 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016785.D

Acq: 10 Jun 2020 22:00

Instrument :

MSVOA_V

ClientSampleId :

ETTR1

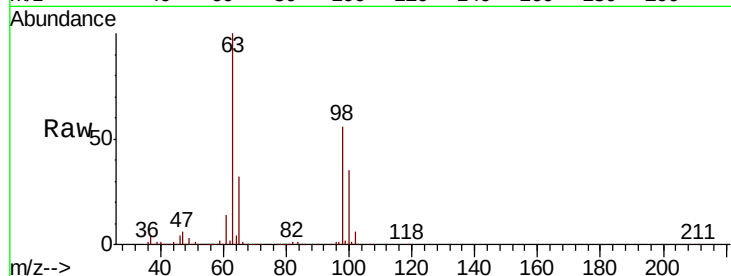
Tot Ion: 96 Resp: 1257

Ion Ratio Lower Upper

96 100

61 1597.9 130.4 242.2#

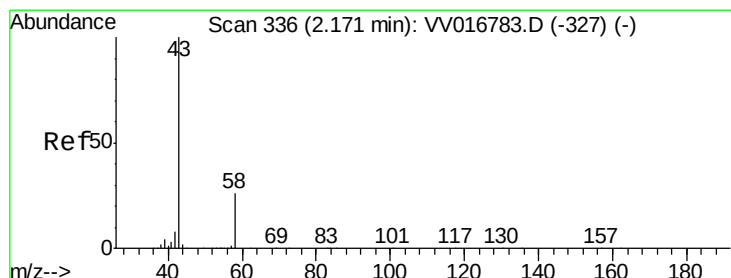
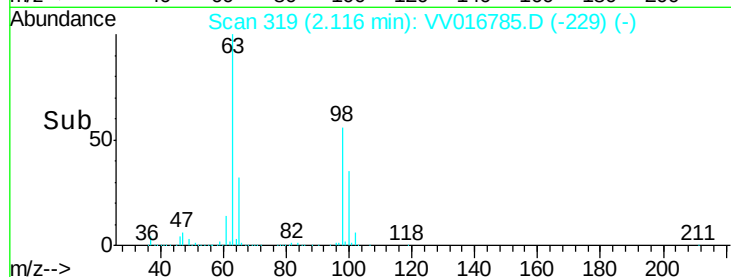
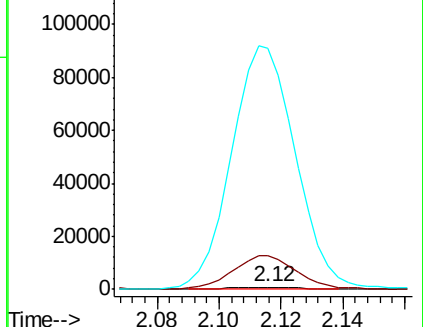
63 11397.5 103.3 191.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 7.604 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016785.D

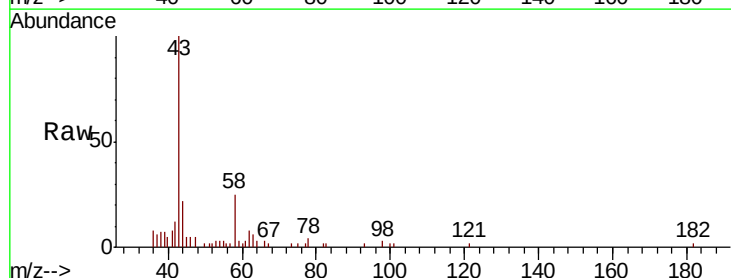
Acq: 10 Jun 2020 22:00

Tgt Ion: 43 Resp: 8158

Ion Ratio Lower Upper

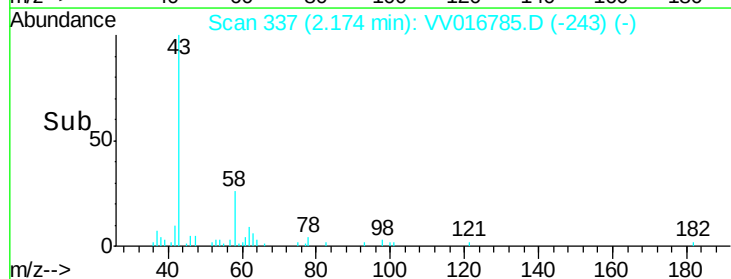
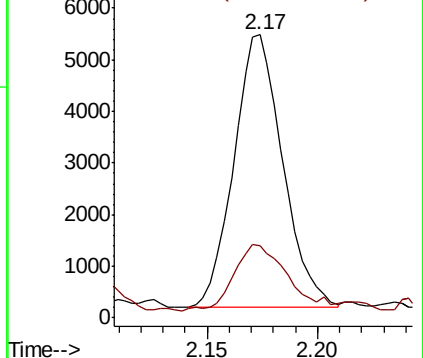
43 100

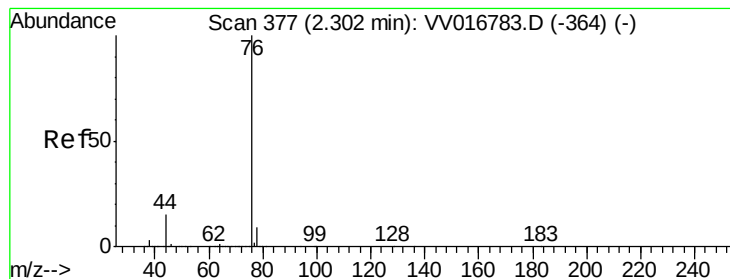
58 26.6 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#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

Instrument :

MSVOA_V

ClientSampled :

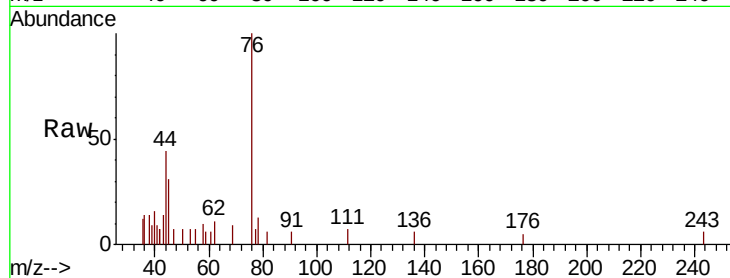
ETTR1

Tot 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

2000

1500

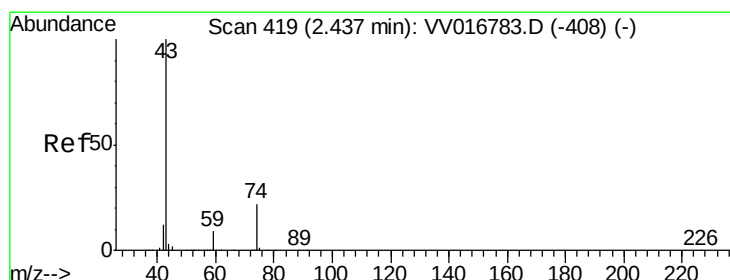
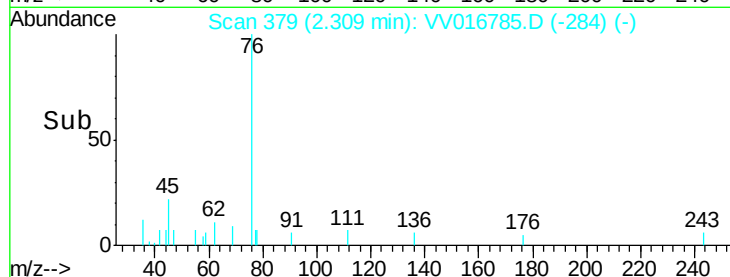
1000

500

0

Time--> 2.25 2.30

2.31



#15

Methyl Acetate

Concen: 138.211 ug/L

RT: 2.44 min Scan# 419

Delta R.T. 0.00 min

Lab File: VV016785.D

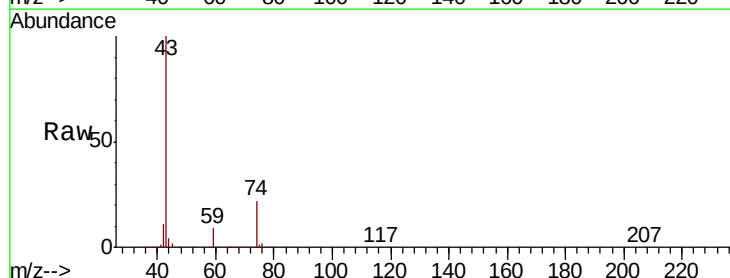
Acq: 10 Jun 2020 22:00

Tgt 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

200000

150000

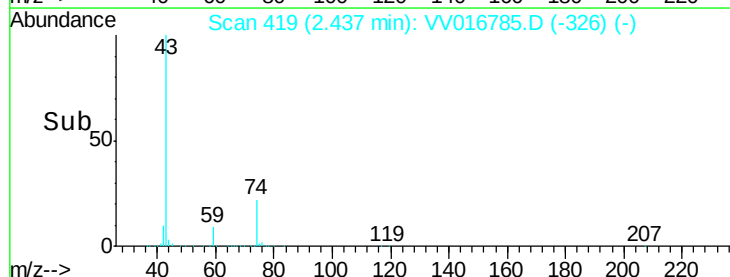
100000

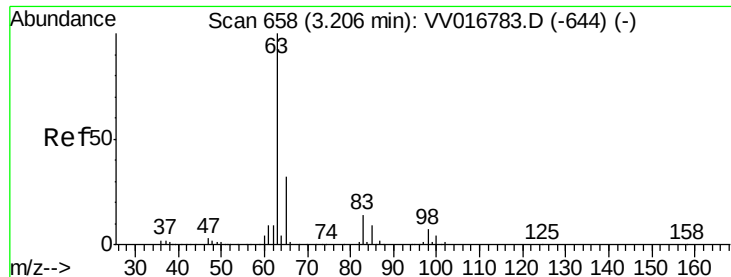
50000

0

Time--> 2.40 2.50

2.44

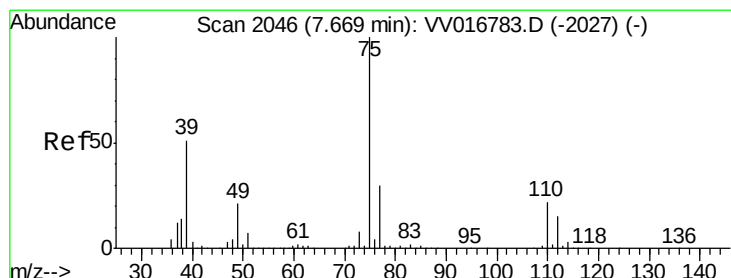
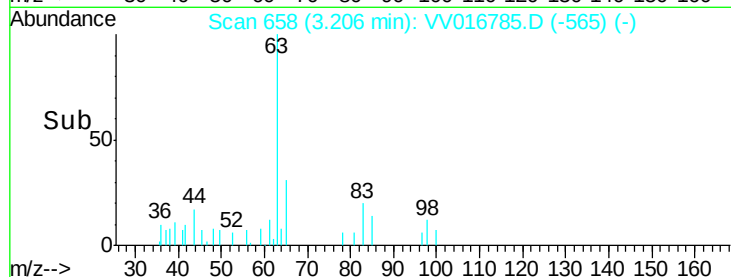
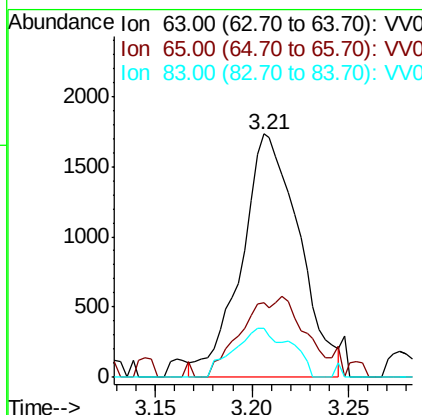
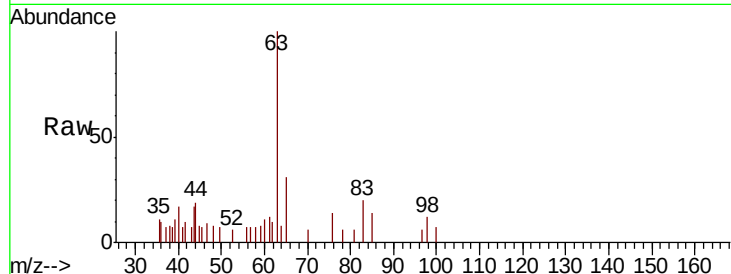




#19
 1,1-Dichloroethane
 Concen: 0.904 ug/L
 RT: 3.21 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VV016785.D
 Acq: 10 Jun 2020 22:00

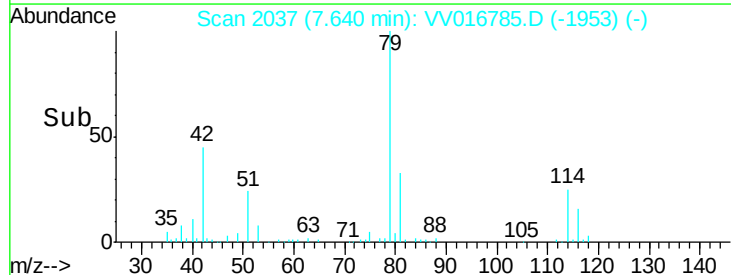
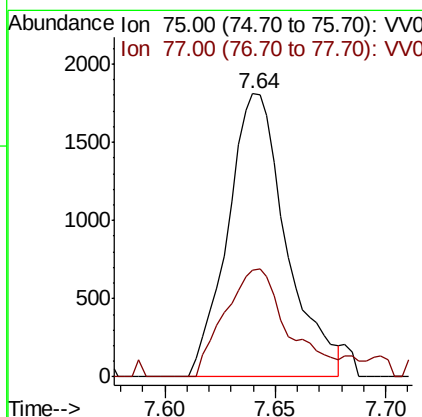
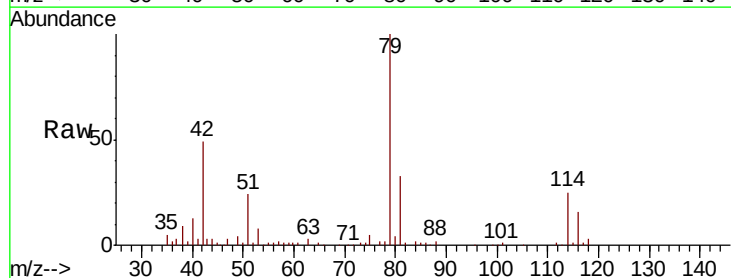
Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR1

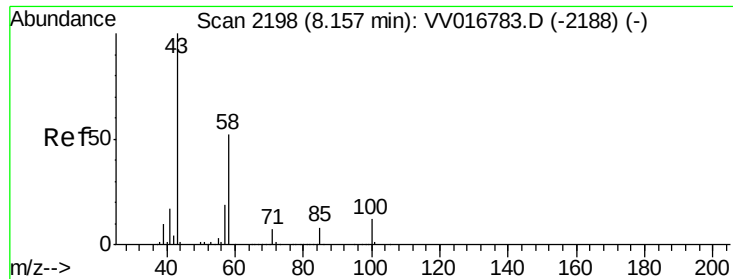
Tot Ion: 63 Resp: 3592
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.2 43.0
 83 20.1 10.0 18.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.941 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV016785.D
 Acq: 10 Jun 2020 22:00

Tgt Ion: 75 Resp: 3336
 Ion Ratio Lower Upper
 75 100
 77 37.9 21.7 40.3





#48

2-Hexanone

Concen: 3.424 ug/L

RT: 8.16 min Scan# 2199

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: 8829

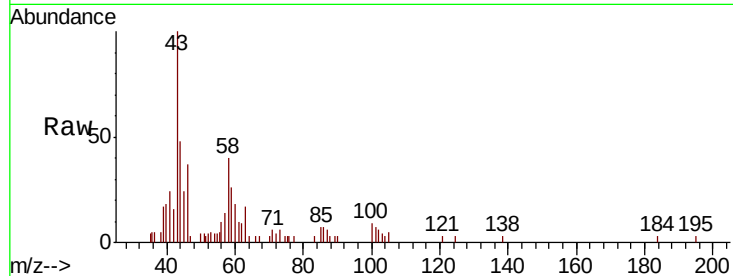
Ion Ratio Lower Upper

43 100

58 0.0 43.1 64.7#

57 1.0 15.3 22.9#

100 4.2 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

