

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016668.D
 Acq On : 08 Jun 2020 18:36
 Operator : SY/MD
 Sample : L2875-16 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTT8

Quant Time: Jun 09 01:09:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 01:02:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	368505	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	346616	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165007	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110306	42.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.84%
7) Chloroethane-d5	1.56	69	79784	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.28%
11) 1,1-Dichloroethene-d2	2.12	63	150245	34.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.82%
21) 2-Butanone-d5	3.89	46	186651	96.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.99%
24) Chloroform-d	4.37	84	236975	44.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.64%
26) 1,2-Dichloroethane-d4	5.05	65	170119	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
32) Benzene-d6	5.07	84	477036	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.09	67	150133	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.40%
41) Toluene-d8	7.34	98	428721	46.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.52%
43) trans-1,3-Dichloropropene-	7.64	79	69862	43.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.14%
47) 2-Hexanone-d5	8.11	63	127160	93.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198804	48.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	181003	51.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

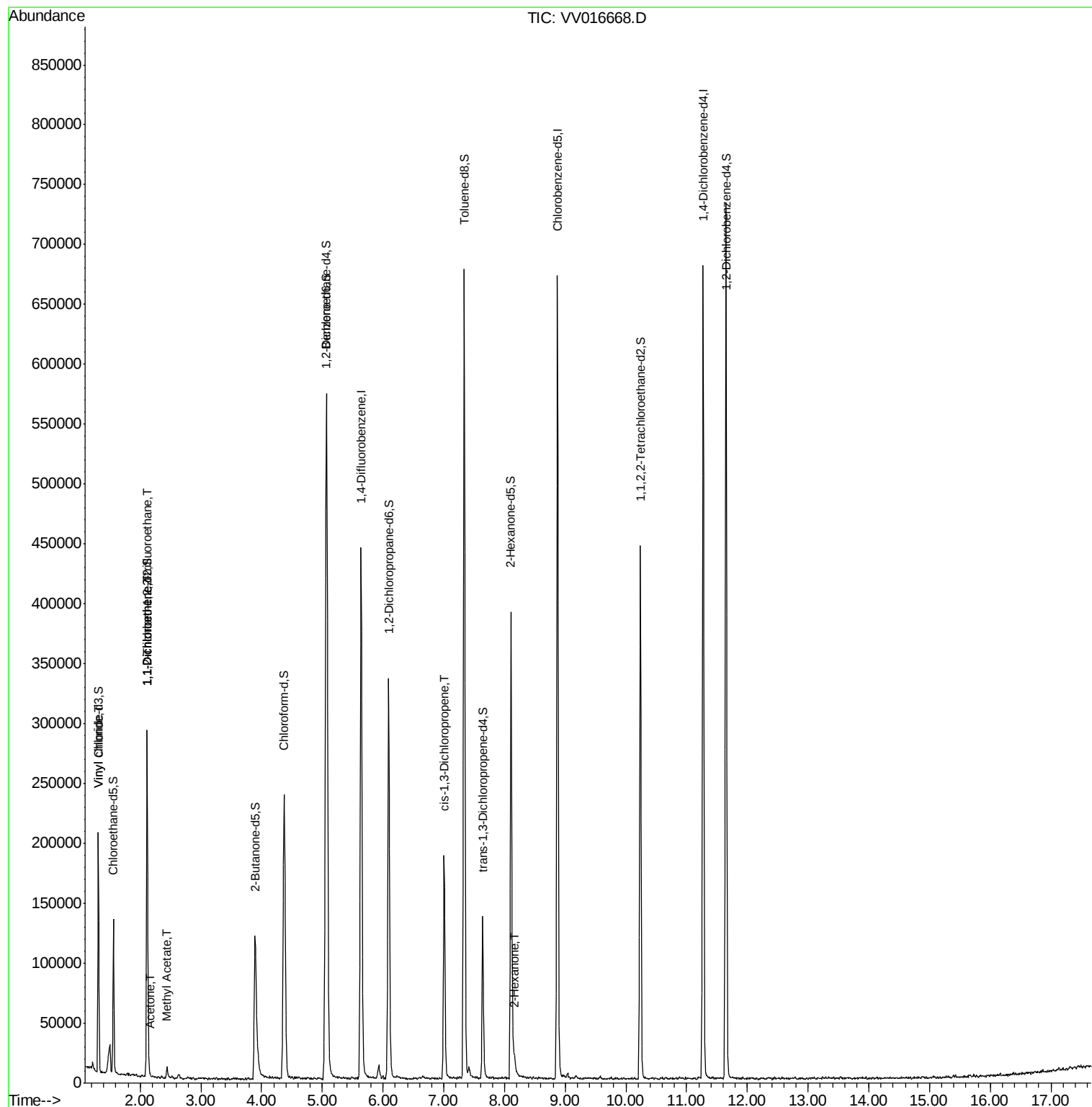
					Ovalue
5) Vinyl chloride	1.32	62	4220	1.606 ug/L #	19
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1456	0.743 ug/L #	20
12) 1,1-Dichloroethene	2.11	96	1341	0.733 ug/L #	1
13) Acetone	2.17	43	1482	1.169 ug/L	71
15) Methyl Acetate	2.44	43	10524	3.724 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	4973	1.200 ug/L #	60
48) 2-Hexanone	8.16	43	6737	2.299 ug/L #	78

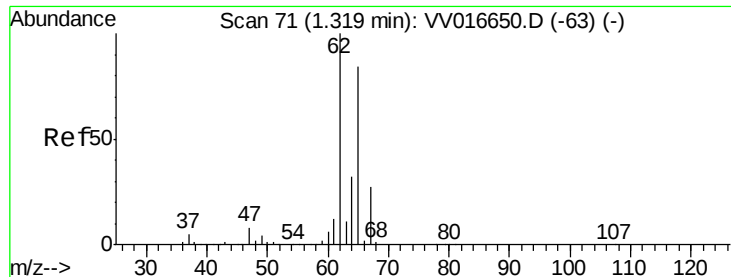
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 09 01:02:25 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.606 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016668.D

Acq: 08 Jun 2020 18:36

Instrument :

MSVOA_V

ClientSampleId :

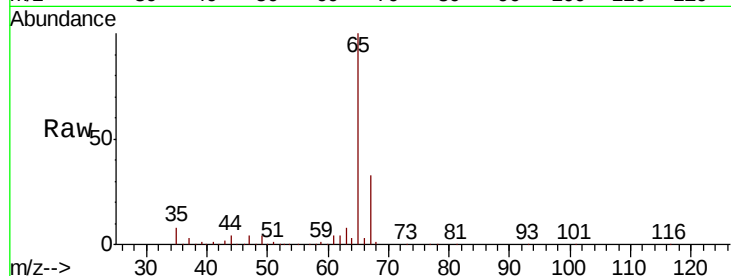
ETTT8

Tot Ion: 62 Resp: 4220

Ion Ratio Lower Upper

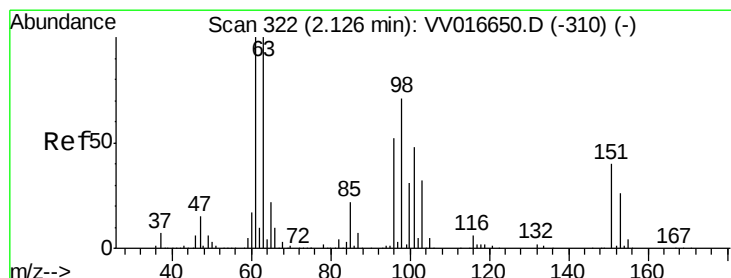
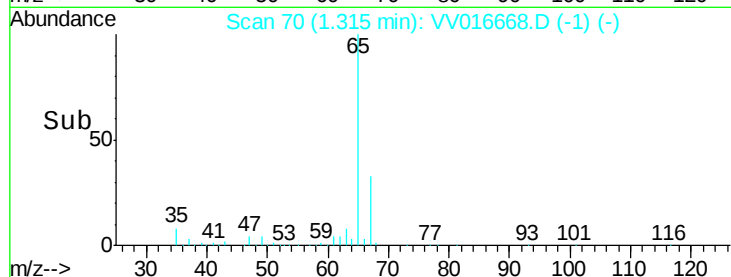
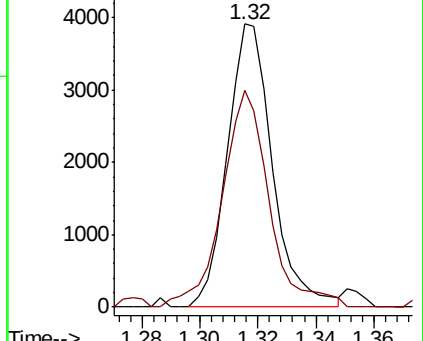
62 100

64 76.7 22.3 41.5#



Abundance Ion 62.00 (61.70 to 62.70): VV016650.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV016650.D (-63) (-)



#10

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

Concen: 0.743 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016668.D

Acq: 08 Jun 2020 18:36

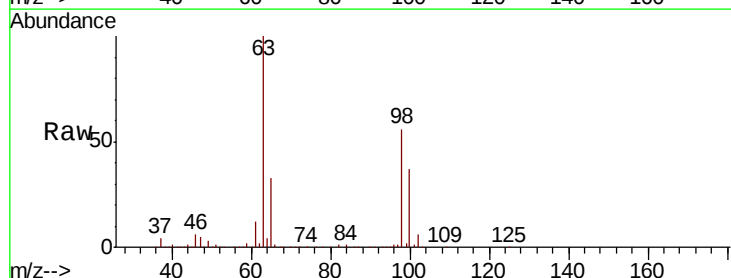
Tgt Ion: 101 Resp: 1456

Ion Ratio Lower Upper

101 100

85 5.5 35.5 53.3#

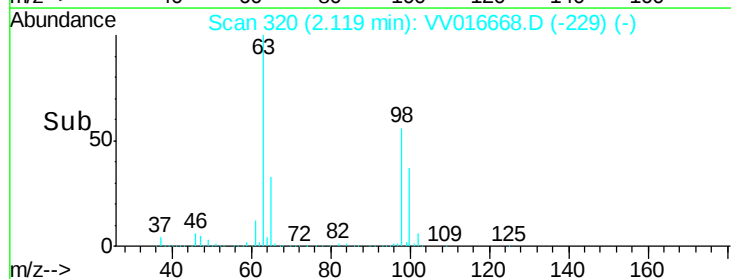
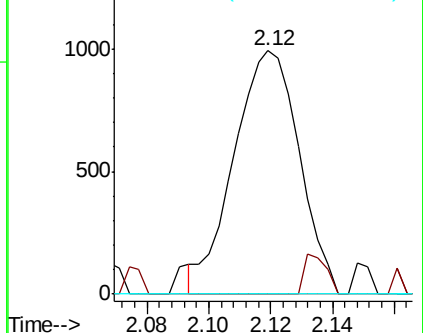
151 0.0 63.9 95.9#

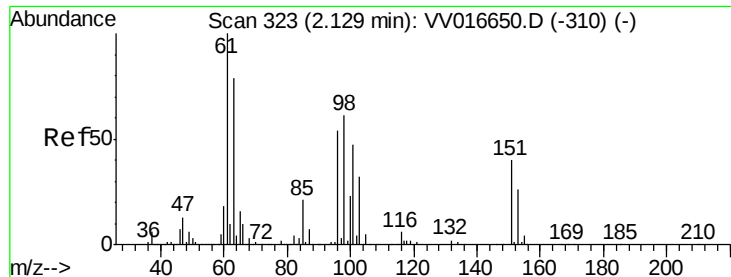


Abundance Ion 101.00 (100.70 to 101.70): VV016650.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV016650.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV016650.D (-310) (-)





#12

1,1-Dichloroethene

Concen: 0.733 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.02 min

Lab File: VV016668.D

Acq: 08 Jun 2020 18:36

Instrument :

MSVOA_V

ClientSampleId :

ETTT8

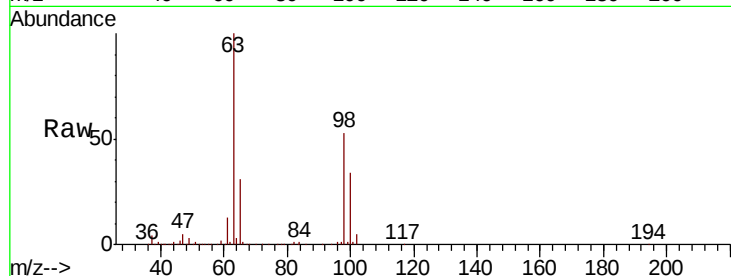
Tot Ion: 96 Resp: 1341

Ion Ratio Lower Upper

96 100

61 1608.4 130.4 242.2#

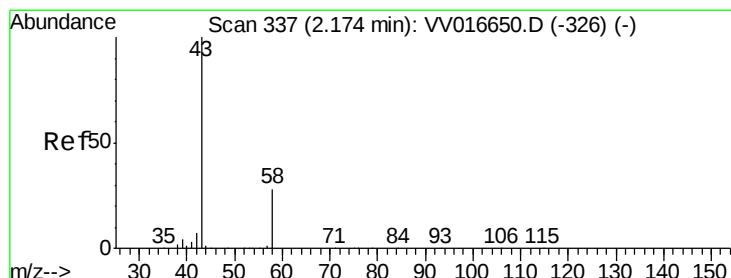
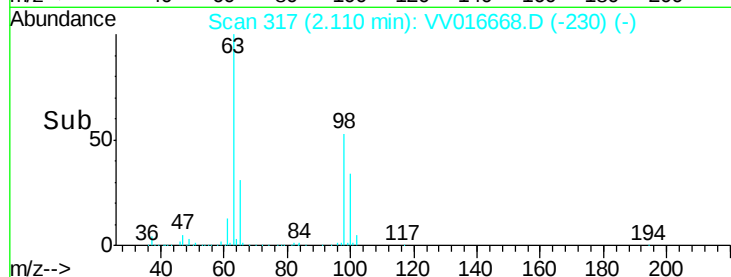
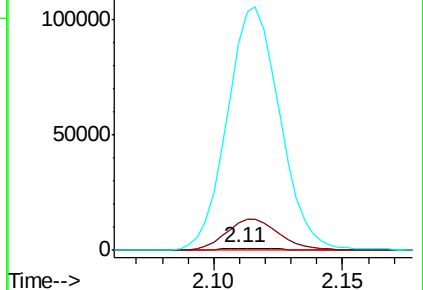
63 12219.5 103.3 191.9#



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: 1.169 ug/L

RT: 2.17 min Scan# 335

Delta R.T. -0.01 min

Lab File: VV016668.D

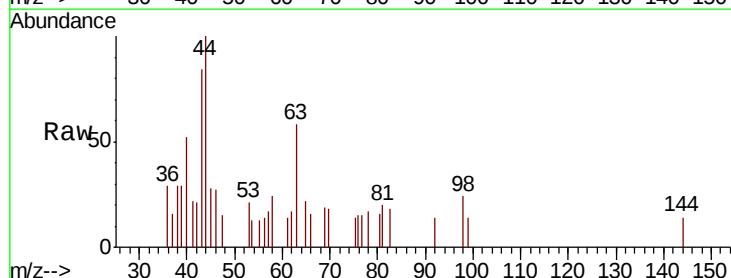
Acq: 08 Jun 2020 18:36

Tgt Ion: 43 Resp: 1482

Ion Ratio Lower Upper

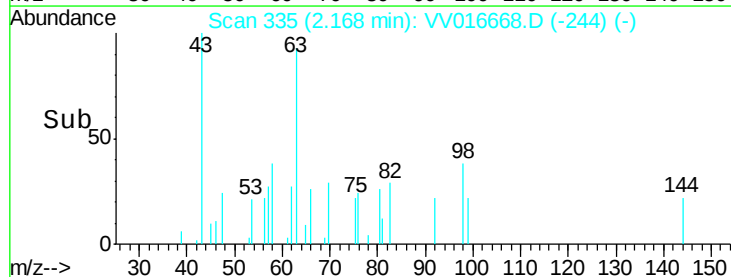
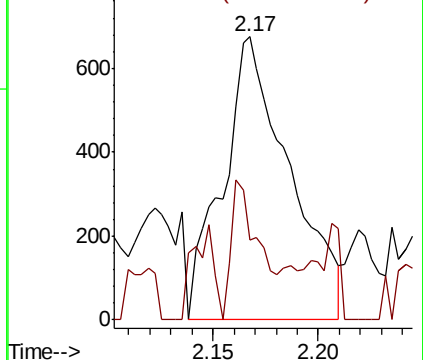
43 100

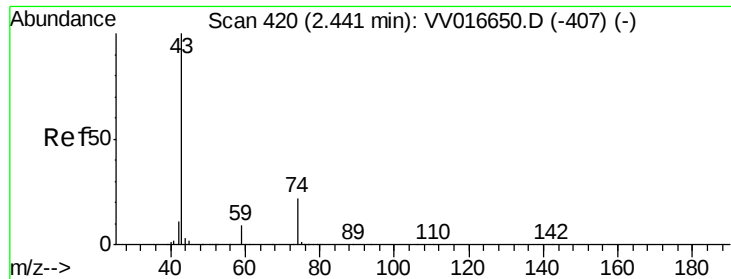
58 12.6 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

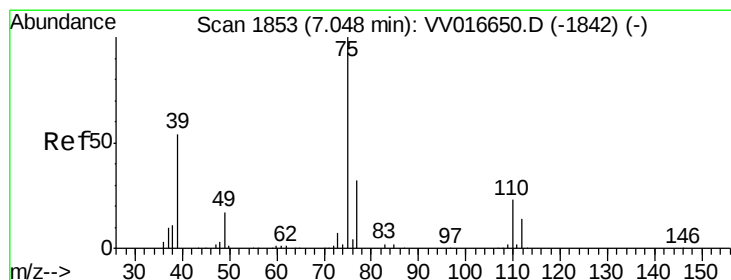
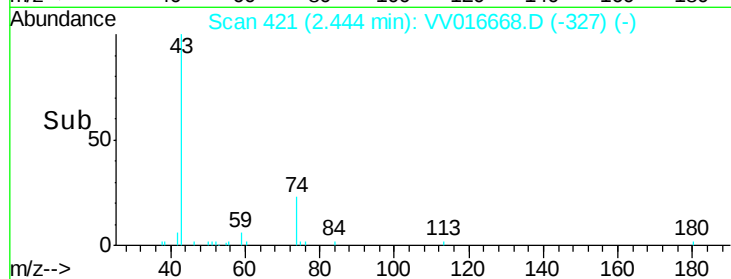
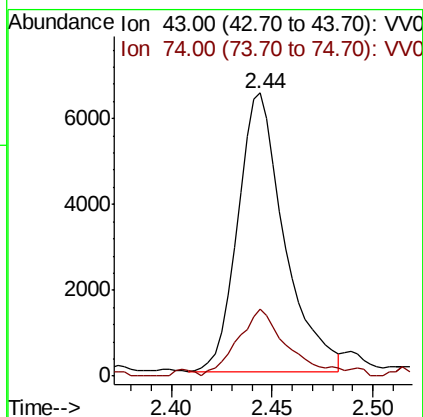
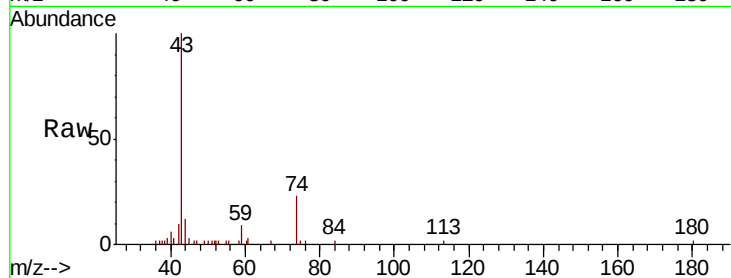




#15
Methyl Acetate
Concen: 3.724 ug/L
RT: 2.44 min Scan# 421
Delta R.T. 0.00 min
Lab File: VV016668.D
Acq: 08 Jun 2020 18:36

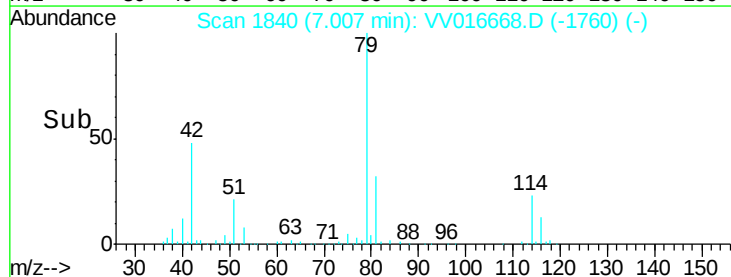
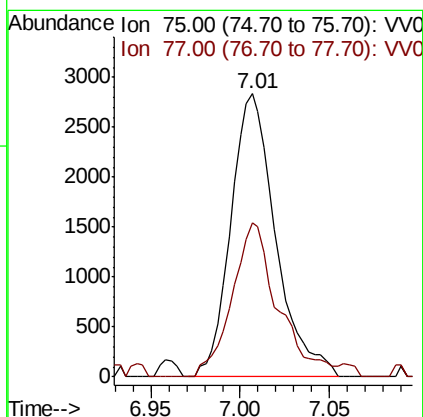
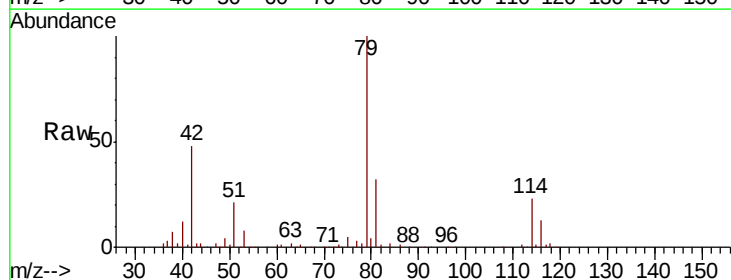
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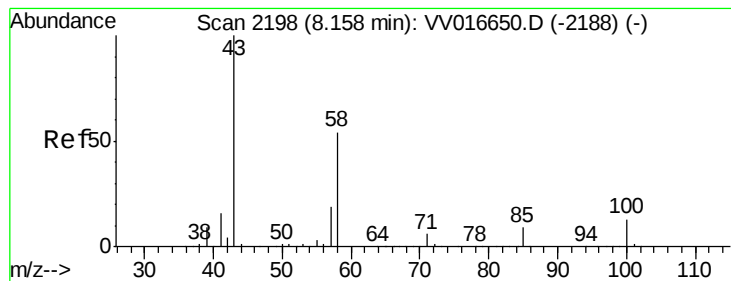
Tot Ion: 43 Resp: 10524
Ion Ratio Lower Upper
43 100
74 24.5 17.9 26.9



#39
cis-1,3-Dichloropropene
Concen: 1.200 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV016668.D
Acq: 08 Jun 2020 18:36

Tgt Ion: 75 Resp: 4973
Ion Ratio Lower Upper
75 100
77 54.6 22.7 42.1#





#48
 2-Hexanone
 Concen: 2.299 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV016668.D
 Acq: 08 Jun 2020 18:36

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTT8

Tot Ion:	43	Resp:	6737
Ion	Ratio	Lower	Upper
43	100		
58	73.9	43.1	64.7#
57	27.1	15.3	22.9#
100	11.4	10.0	15.0

