

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016687.D
 Acq On : 09 Jun 2020 02:31
 Operator : SY/MD
 Sample : L2895-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0L7

Quant Time: Jun 09 03:34:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320488	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101733	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.22%
7) Chloroethane-d5	1.56	69	76828	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.24%
11) 1,1-Dichloroethene-d2	2.12	63	139288	34.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.48%
21) 2-Butanone-d5	3.89	46	174750	98.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	4.37	84	226326	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
26) 1,2-Dichloroethane-d4	5.05	65	163570	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
32) Benzene-d6	5.07	84	450710	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
36) 1,2-Dichloropropane-d6	6.09	67	142581	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.02%
41) Toluene-d8	7.34	98	398404	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%
43) trans-1,3-Dichloropropene-	7.64	79	63812	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.10%
47) 2-Hexanone-d5	8.11	63	117323	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	187622	49.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	167989	51.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.22%

Target Compounds

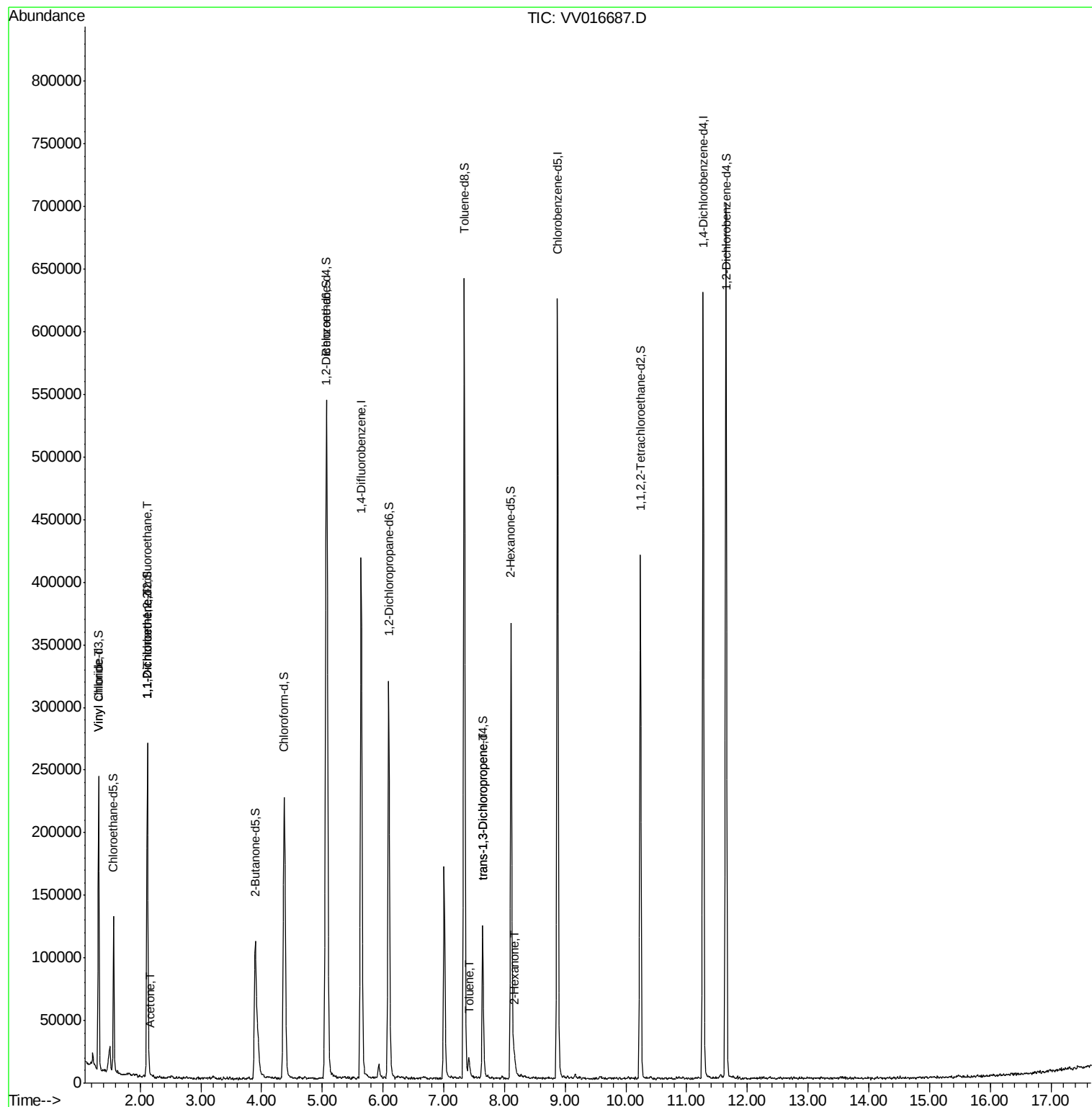
					Ovalue
5) Vinyl chloride	1.32	62	47449	19.666 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1623	0.902 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1319	0.785 ug/L #	1
13) Acetone	2.17	43	1169	1.004 ug/L	58
42) Toluene	7.41	91	11278	1.128 ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3433	0.922 ug/L	90
48) 2-Hexanone	8.16	43	6760	2.495 ug/L #	40

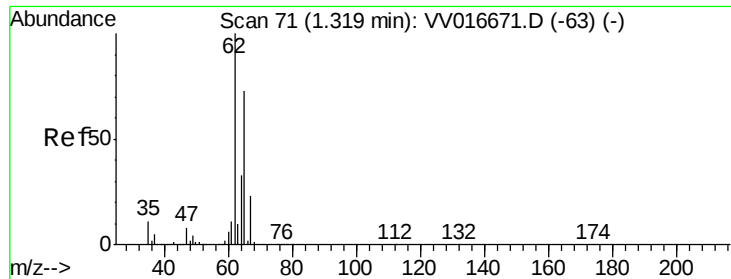
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 09 03:29:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 19.666 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016687.D

Acq: 09 Jun 2020 02:31

Instrument :

MSVOA_V

ClientSampled :

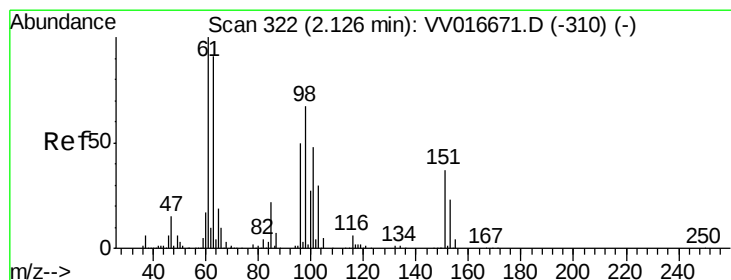
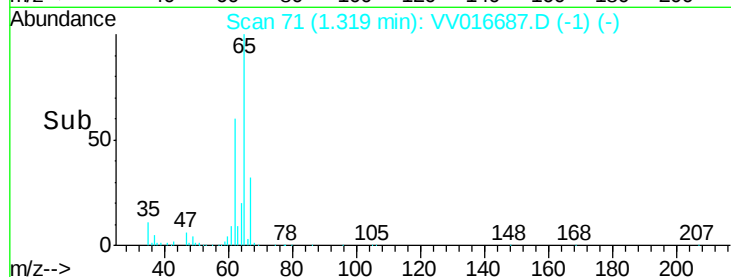
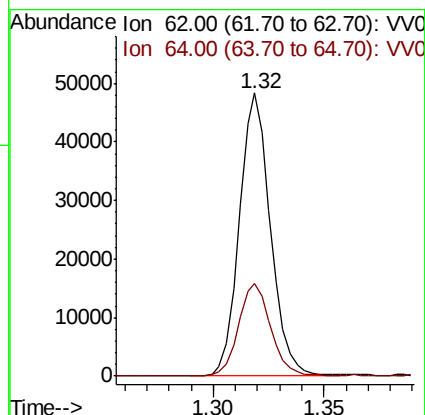
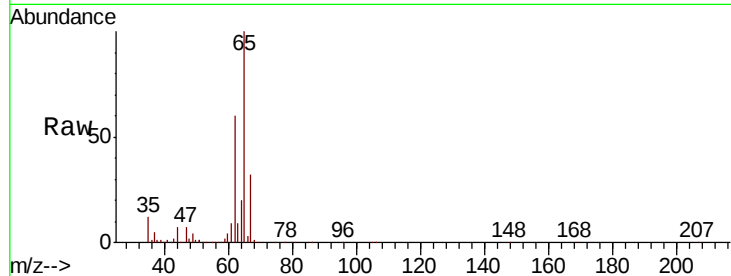
EW0L7

Tot Ion: 62 Resp: 47449

Ion Ratio Lower Upper

62 100

64 32.9 22.3 41.5



#10

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

Concen: 0.902 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016687.D

Acq: 09 Jun 2020 02:31

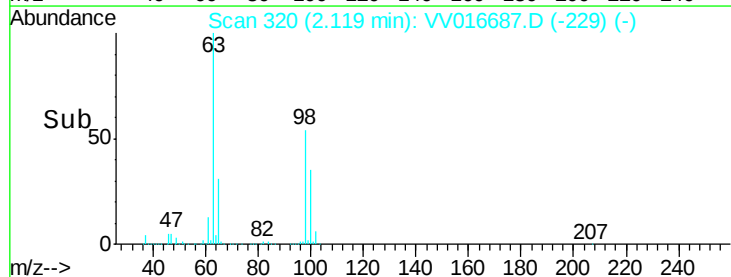
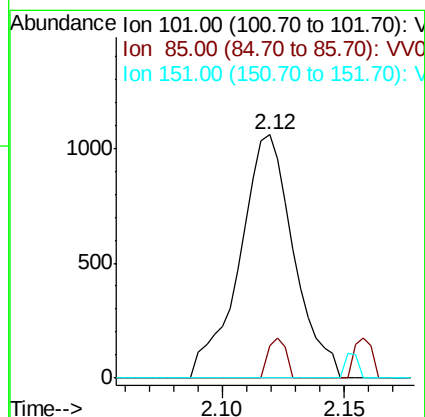
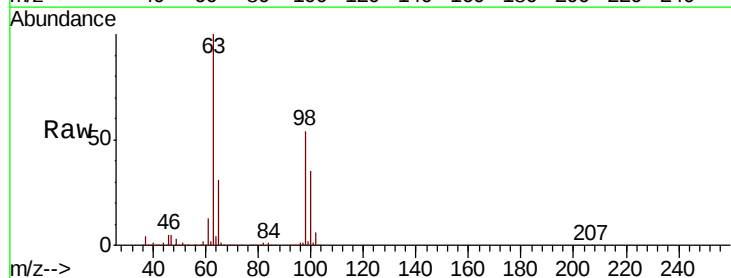
Tgt Ion: 101 Resp: 1623

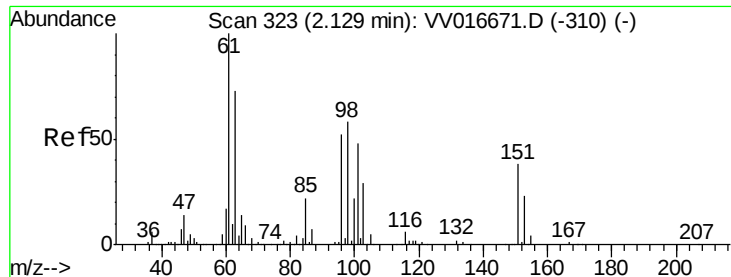
Ion Ratio Lower Upper

101 100

85 5.4 35.5 53.3#

151 0.0 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.785 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016687.D

Acq: 09 Jun 2020 02:31

Instrument :

MSVOA_V

ClientSampleId :

EW0L7

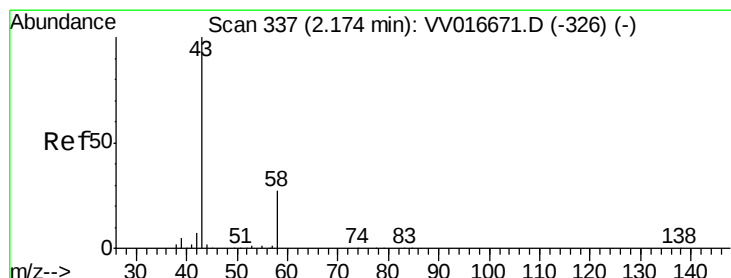
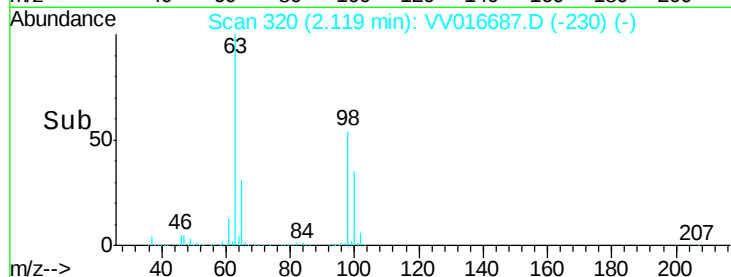
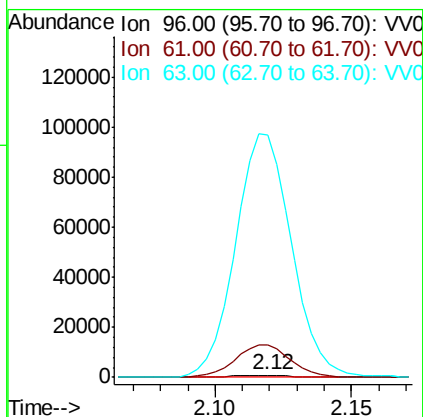
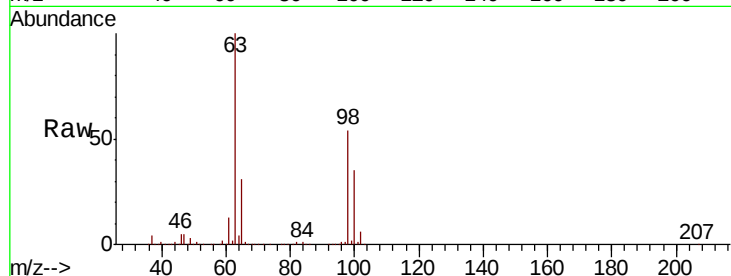
Tot Ion: 96 Resp: 1319

Ion Ratio Lower Upper

96 100

61 1596.0 130.4 242.2#

63 11851.2 103.3 191.9#



#13

Acetone

Concen: 1.004 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016687.D

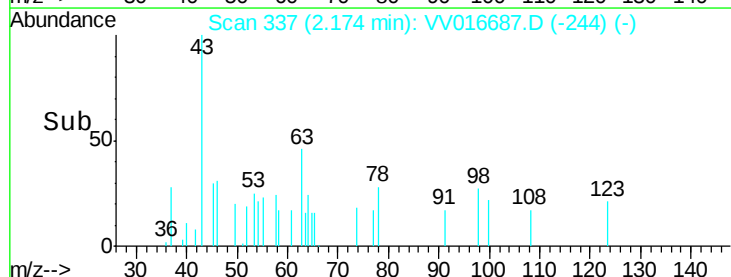
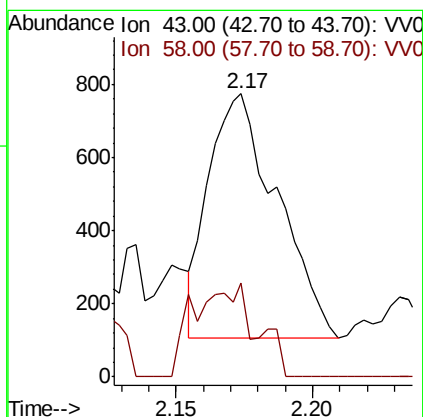
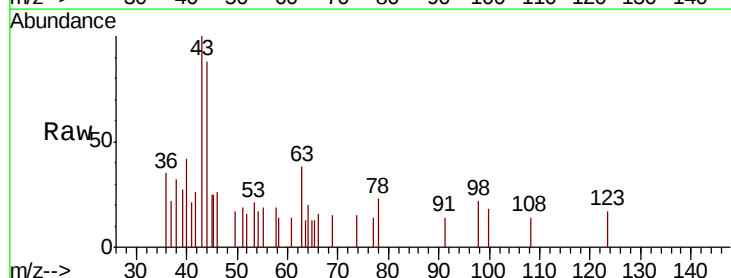
Acq: 09 Jun 2020 02:31

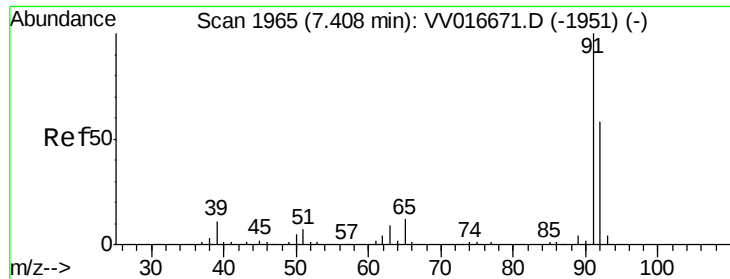
Tgt Ion: 43 Resp: 1169

Ion Ratio Lower Upper

43 100

58 5.9 0.0 55.2





#42

Toluene

Concen: 1.128 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016687.D

Acq: 09 Jun 2020 02:31

Instrument :

MSVOA_V

ClientSampleId :

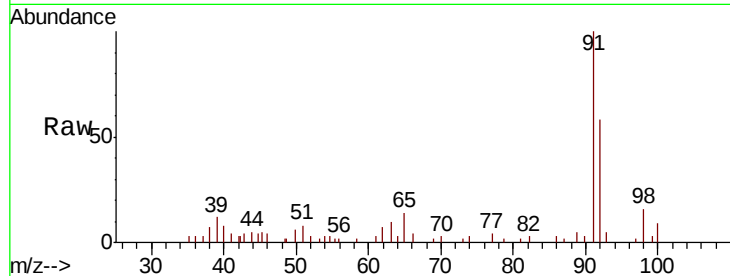
EW0L7

Tot Ion: 91 Resp: 11278

Ion Ratio Lower Upper

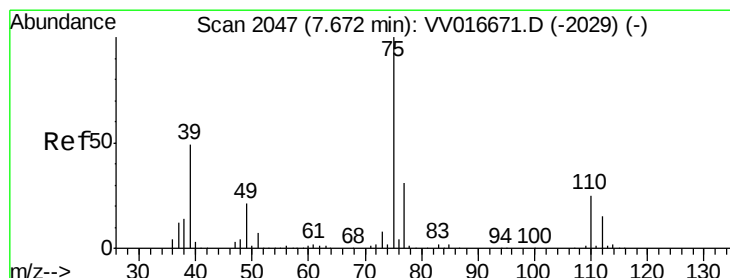
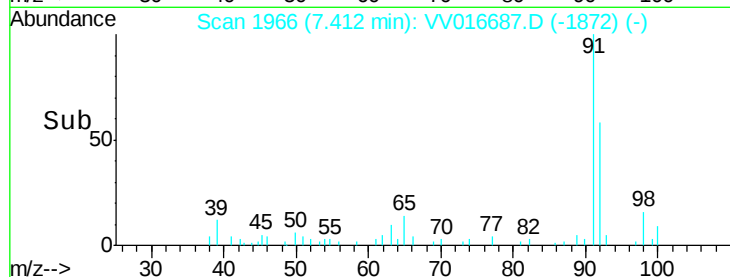
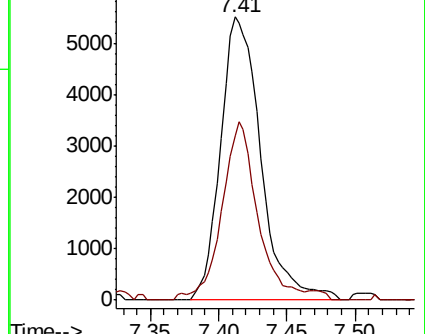
91 100

92 58.3 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.922 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016687.D

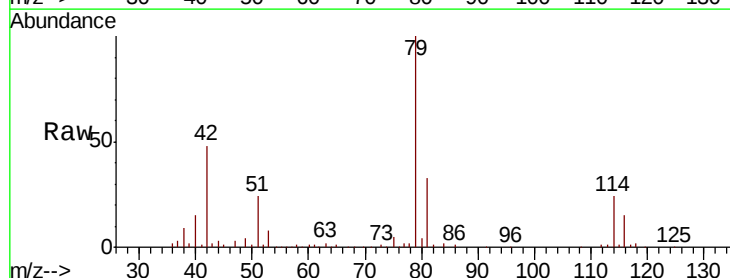
Acq: 09 Jun 2020 02:31

Tgt Ion: 75 Resp: 3433

Ion Ratio Lower Upper

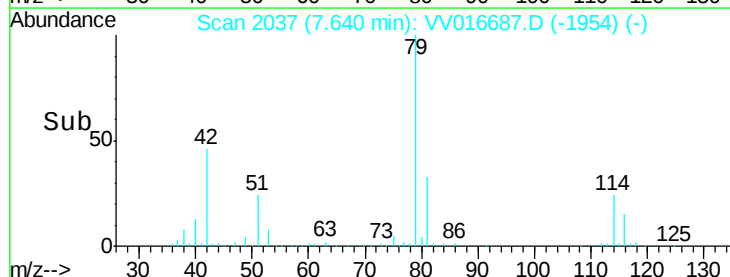
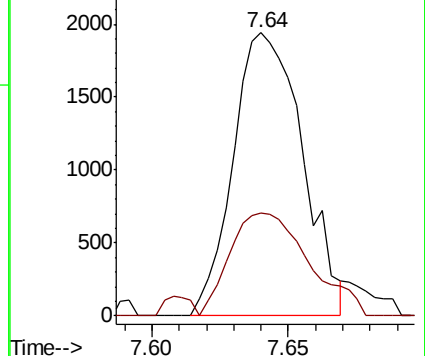
75 100

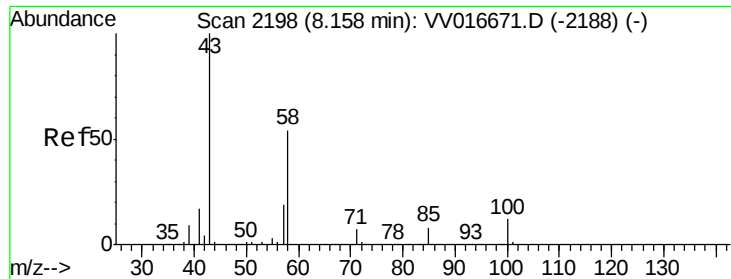
77 36.6 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

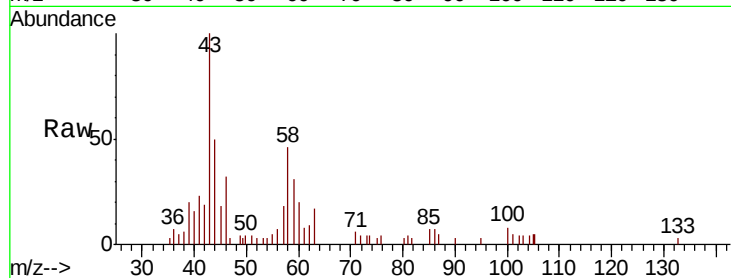




#48
 2-Hexanone
 Concen: 2.495 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV016687.D
 Acq: 09 Jun 2020 02:31

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0L7

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.1	64.7#
57	0.0	15.3	22.9#
100	3.7	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

