

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017028.D
 Acq On : 22 Jun 2020 19:45
 Operator : SY/MD
 Sample : L3067-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 23 04:57:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 04:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	184741	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	178101	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	88347	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47045	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.58	69	37029	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.13	63	72606	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.93	46	136276	48.22	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.44%
24) Chloroform-d	4.38	84	112513	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.06	65	61973	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.07	84	217299	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.09	67	64529	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.34	98	201459	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
45) trans-1,3-Dichloropropene-	7.64	79	22535	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
48) 2-Hexanone-d5	8.11	63	84015	38.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43961	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	81292	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

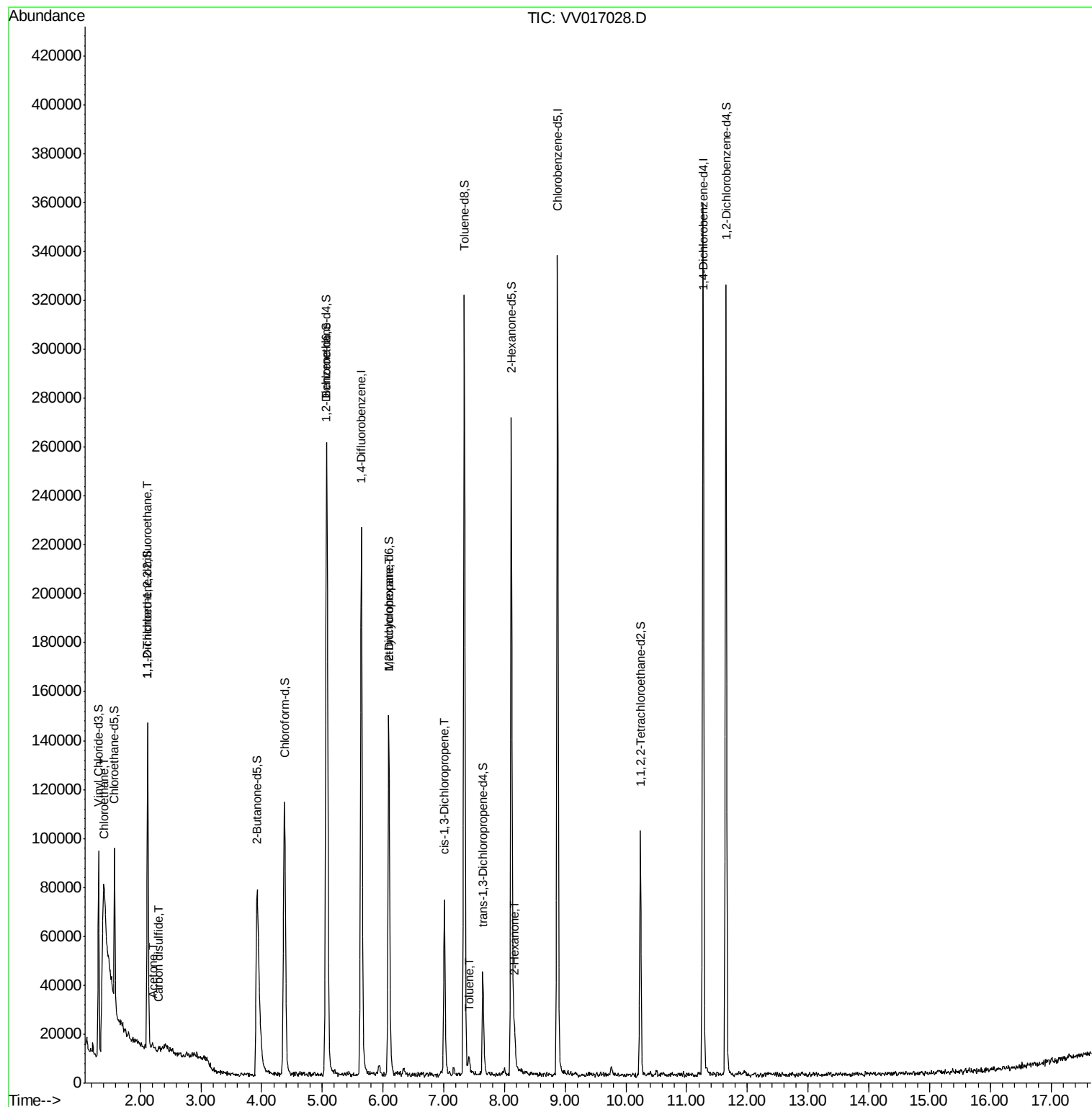
					Ovalue
8) Chloroethane	1.41	64	226542	33.814 ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	730	0.075 ug/L #	21
13) Acetone	2.21	43	2813	1.969 ug/L	73
14) Carbon disulfide	2.31	76	1556	0.059 ug/L #	87
35) Methylcyclohexane	6.09	83	16397	0.772 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	2054	0.120 ug/L	85
42) Toluene	7.41	91	4330	0.080 ug/L	92
50) 2-Hexanone	8.17	43	9122	1.923 ug/L #	91

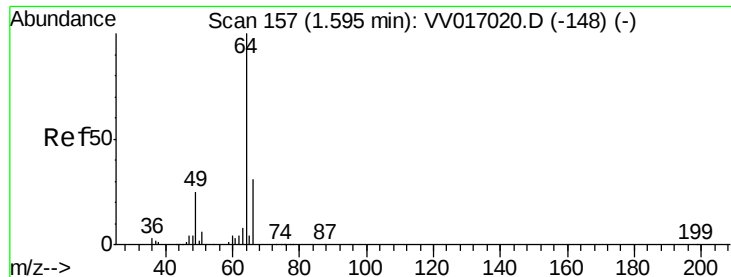
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 33.814 ug/L

RT: 1.41 min Scan# 98

Delta R.T. -0.19 min

Lab File: VV017028.D

Acq: 22 Jun 2020 19:45

Instrument :

MSVOA_V

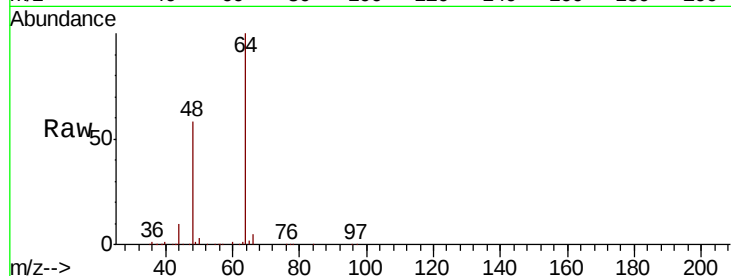
ClientSampleId :

Tot Ion: 64 Resp: 226542

Ion Ratio Lower Upper

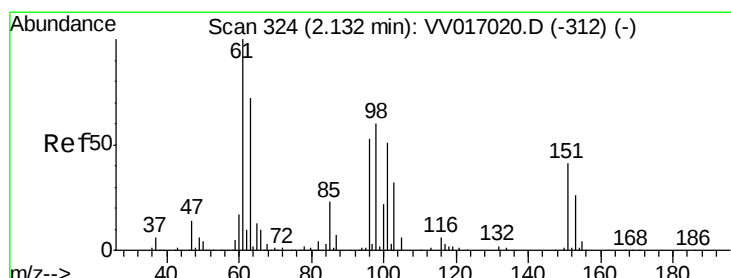
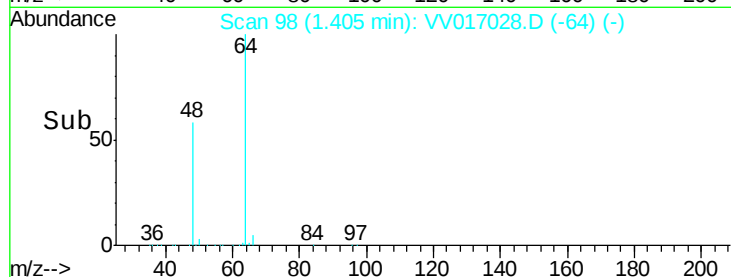
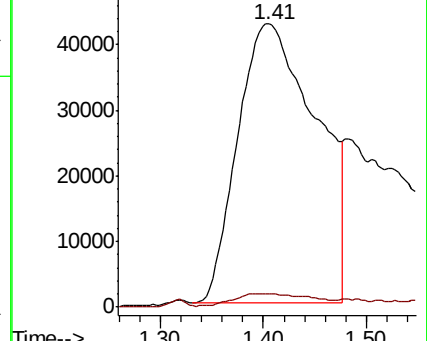
64 100

66 4.8 22.8 42.4#



Abundance Ion 64.10 (63.80 to 64.80): VV017028.D (-64) (-)

Ion 66.05 (65.75 to 66.75): VV017028.D (-66) (-)



#10

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

Concen: 0.075 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017028.D

Acq: 22 Jun 2020 19:45

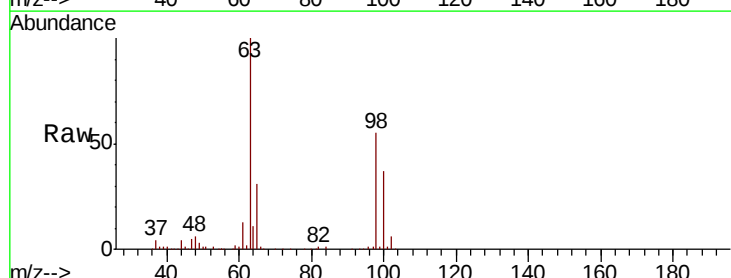
Tgt Ion:101 Resp: 730

Ion Ratio Lower Upper

101 100

85 5.8 35.4 53.2#

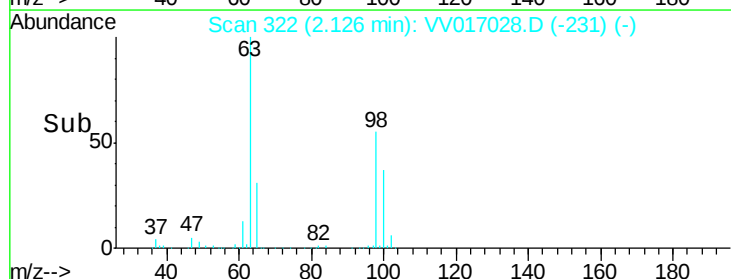
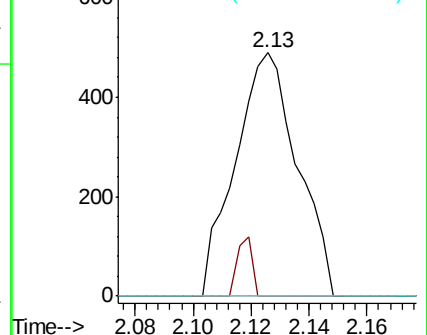
151 0.0 63.9 95.9#

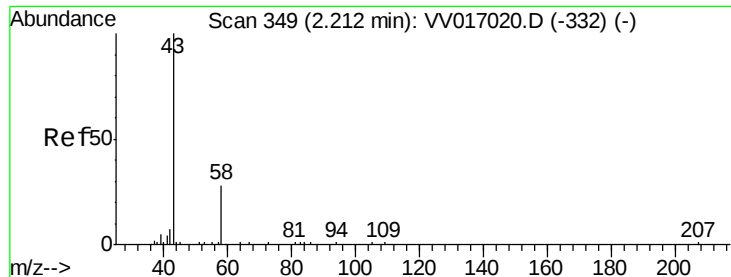


Abundance Ion 101.00 (100.70 to 101.70): VV017028.D (-101) (-)

Ion 85.00 (84.70 to 85.70): VV017028.D (-85) (-)

Ion 151.00 (150.70 to 151.70): VV017028.D (-151) (-)





#13

Acetone

Concen: 1.969 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV017028.D

Acq: 22 Jun 2020 19:45

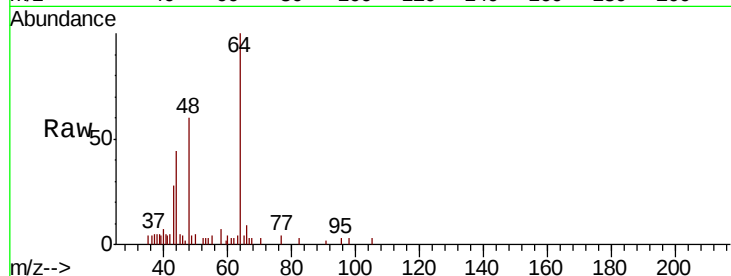
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 2813

Ion Ratio Lower Upper

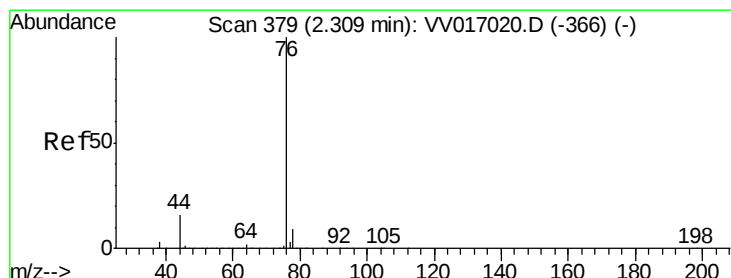
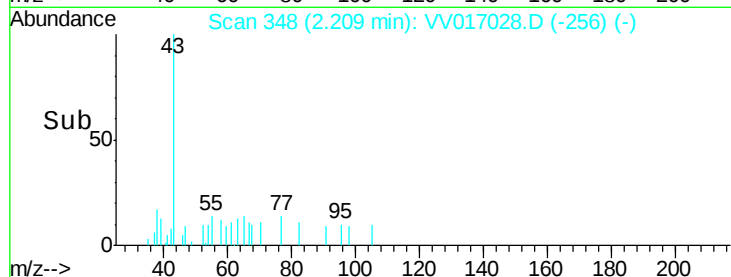
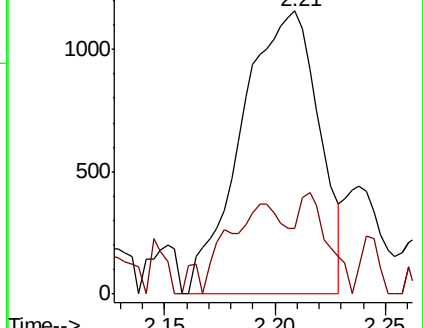
43 100

58 14.6 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV017028.D (-256) (-)

Ion 58.05 (57.75 to 58.75): VV017028.D (-256) (-)



#14

Carbon disulfide

Concen: 0.059 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV017028.D

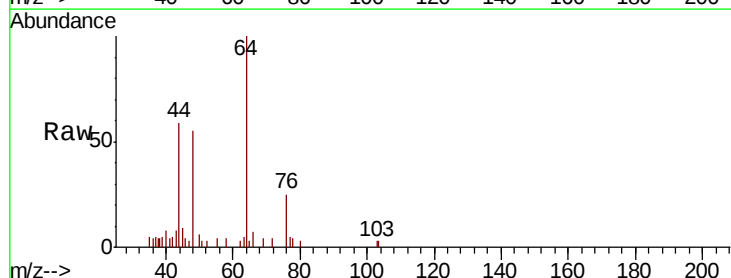
Acq: 22 Jun 2020 19:45

Tgt Ion: 76 Resp: 1556

Ion Ratio Lower Upper

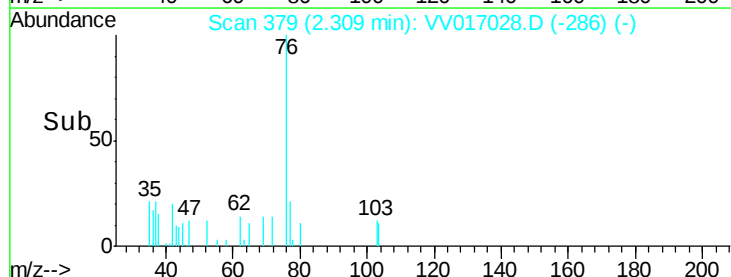
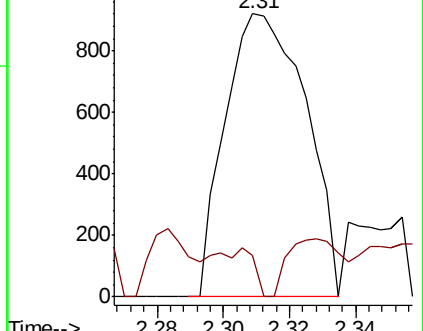
76 100

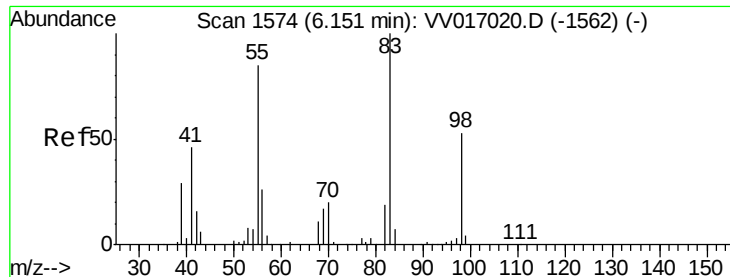
78 14.4 7.7 11.5#



Abundance Ion 76.05 (75.75 to 76.75): VV017028.D (-286) (-)

Ion 78.00 (77.70 to 78.70): VV017028.D (-286) (-)





#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017028.D

Acq: 22 Jun 2020 19:45

Instrument :
MSVOA_V
ClientSampled :

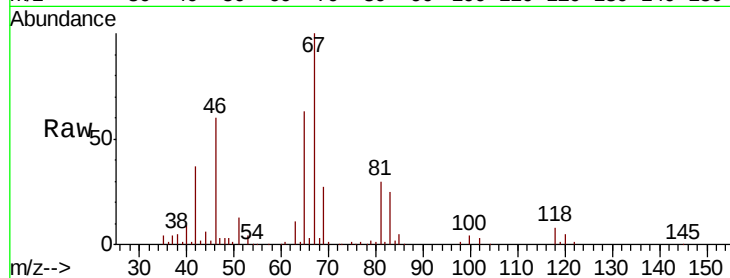
Tot Ion: 83 Resp: 16397

Ion Ratio Lower Upper

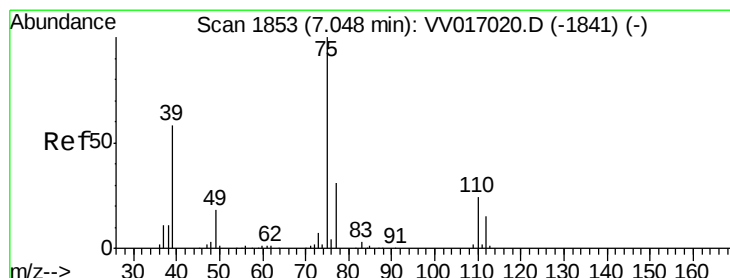
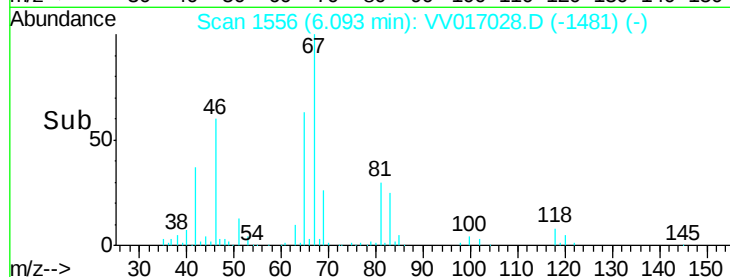
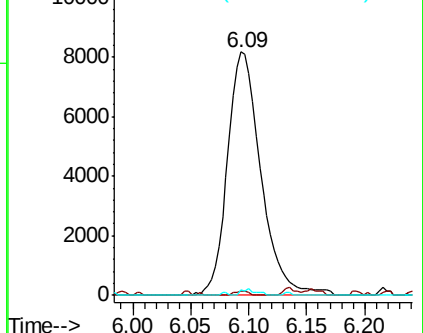
83 100

55 0.7 63.6 95.4#

98 1.2 38.8 58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017028.D

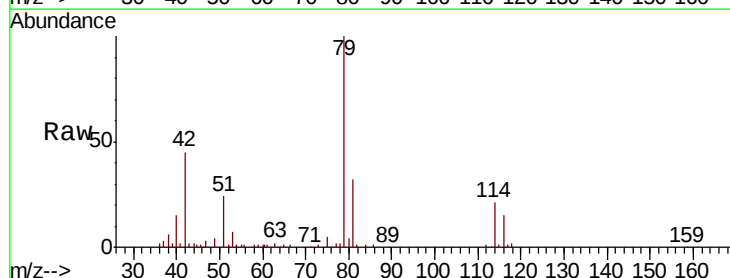
Acq: 22 Jun 2020 19:45

Tgt Ion: 75 Resp: 2054

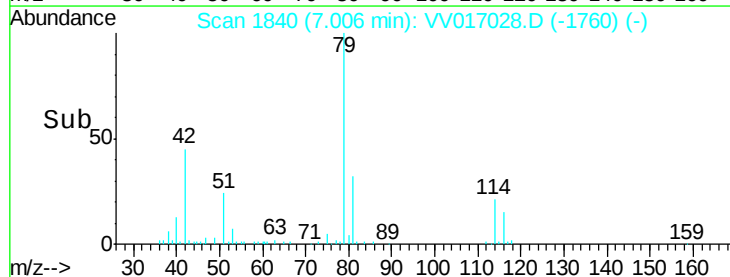
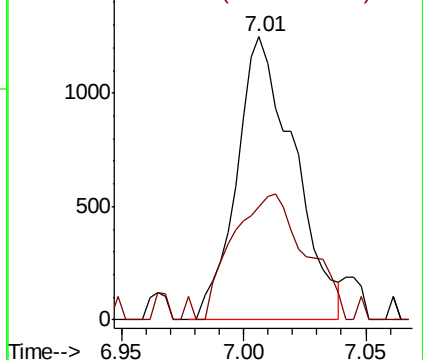
Ion Ratio Lower Upper

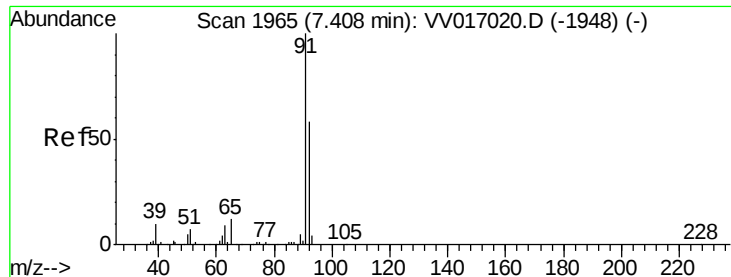
75 100

77 40.0 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#42

Toluene

Concen: 0.080 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017028.D

Acq: 22 Jun 2020 19:45

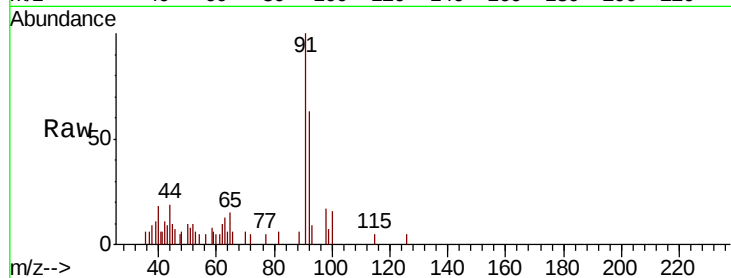
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 4330

Ion Ratio Lower Upper

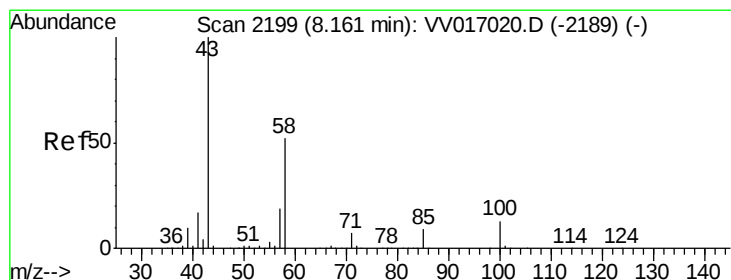
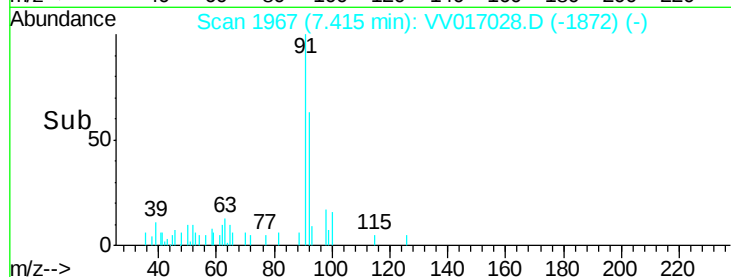
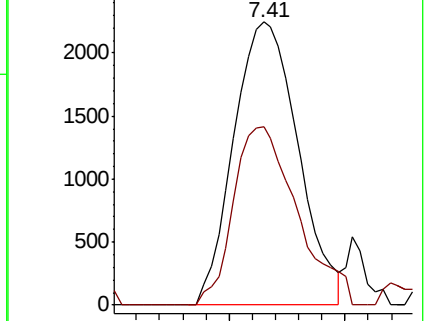
91 100

92 63.0 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV017028.D (-1872) (-)

Ion 92.15 (91.85 to 92.85): VV017028.D (-1872) (-)



#50

2-Hexanone

Concen: 1.923 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017028.D

Acq: 22 Jun 2020 19:45

Tgt Ion: 43 Resp: 9122

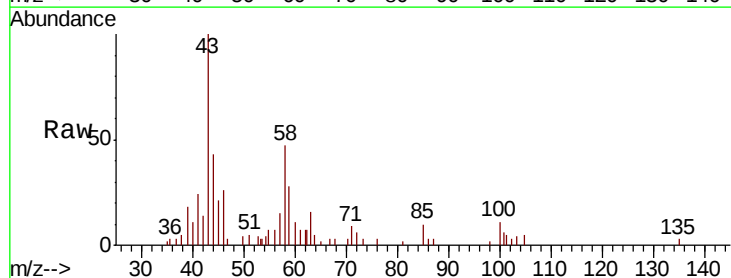
Ion Ratio Lower Upper

43 100

58 53.1 41.6 62.4

57 3.3 15.4 23.0#

100 12.7 10.1 15.1



Abundance Ion 43.05 (42.75 to 43.75): VV017028.D (-2106) (-)

Ion 58.05 (57.75 to 58.75): VV017028.D (-2106) (-)

Ion 57.20 (56.90 to 57.90): VV017028.D (-2106) (-)

Ion 100.15 (99.85 to 100.85): VV017028.D (-2106) (-)

