

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017107.D
 Acq On : 25 Jun 2020 06:17
 Operator : SY/MD
 Sample : L3102-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L60

Quant Time: Jun 25 06:51:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 05:27:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	184962	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	180591	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	84594	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37935	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.58	69	31306	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.13	63	59515	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	3.92	46	114884	40.61	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.22%
24) Chloroform-d	4.38	84	100591	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.06	65	54995	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.08	84	185827	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.09	67	56202	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.20%
41) Toluene-d8	7.34	98	165556	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
45) trans-1,3-Dichloropropene-	7.64	79	21824	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
48) 2-Hexanone-d5	8.11	63	83184	37.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.74%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39579	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	67028	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

Target Compounds

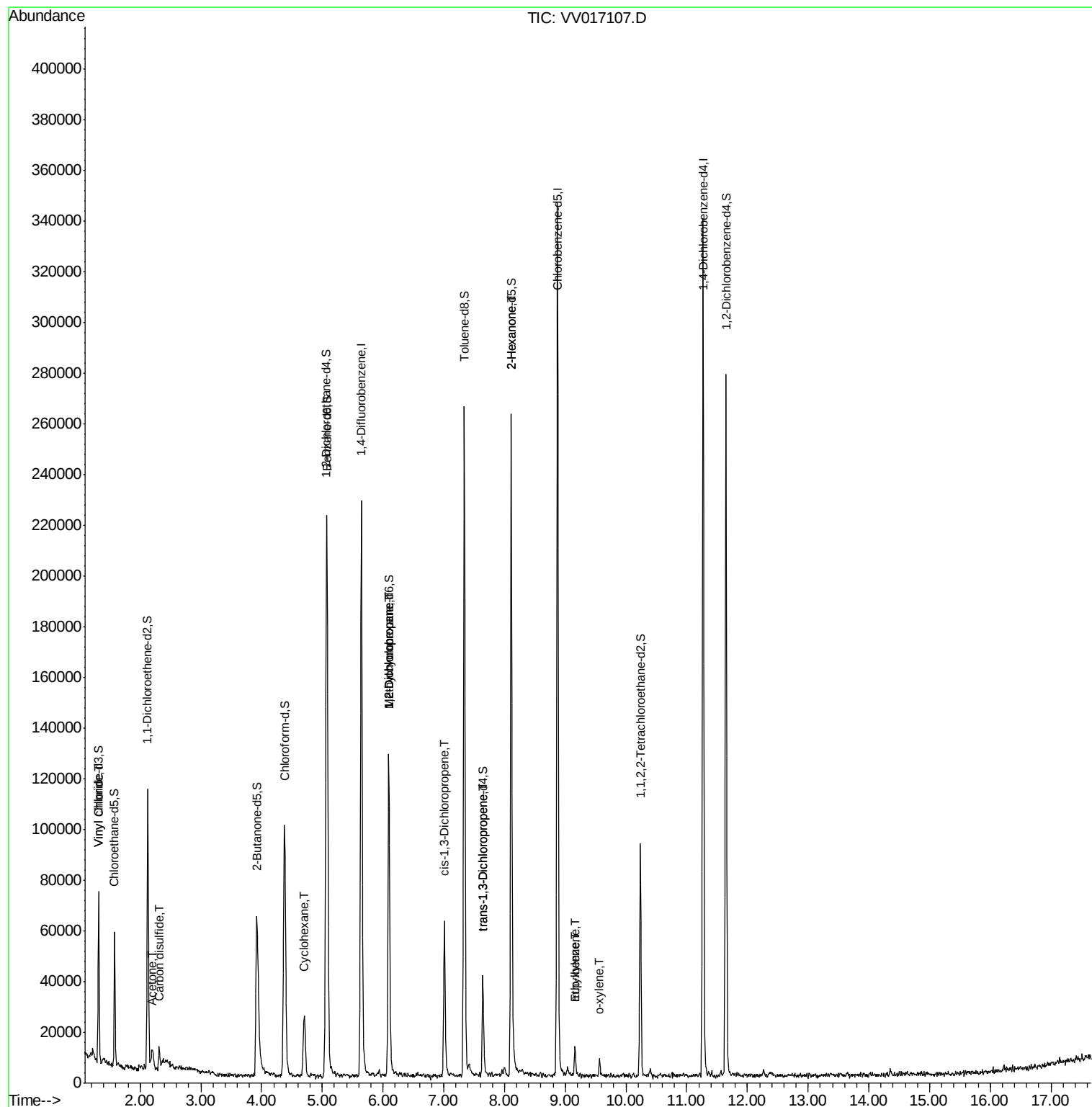
					Ovalue
5) Vinyl chloride	1.32	62	2468	0.203 ug/L #	62
13) Acetone	2.20	43	11365	7.946 ug/L	98
14) Carbon disulfide	2.32	76	9203	0.346 ug/L	97
30) Cyclohexane	4.70	56	11569	0.562 ug/L	99
35) Methylcyclohexane	6.10	83	13790	0.641 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	7302	0.624 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	2025	0.116 ug/L #	65
46) trans-1,3-Dichloropropene	7.65	75	1157	0.077 ug/L #	59
50) 2-Hexanone	8.11	43	10782	2.241 ug/L #	73
54) Ethylbenzene	9.16	91	6535	0.111 ug/L	87
55) m,p-xylene	9.16	106	2931	0.127 ug/L	69
56) o-xylene	9.57	106	1859	0.087 ug/L #	56

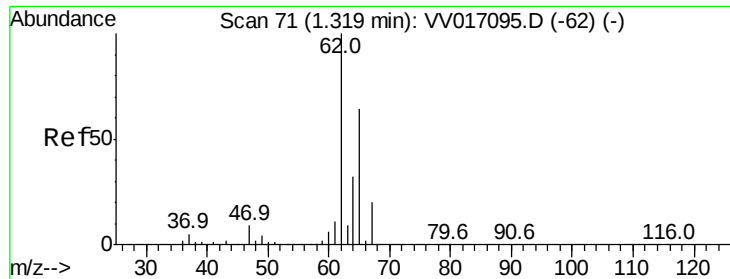
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 05:27:24 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.203 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017107.D

Acq: 25 Jun 2020 06:17

Instrument :

MSVOA_V

ClientSampled :

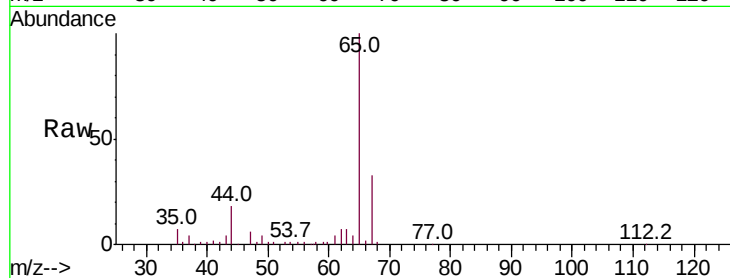
F9L60

Tot Ion: 62 Resp: 2468

Ion Ratio Lower Upper

62 100

64 53.3 22.5 41.7#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

2500

2000

1500

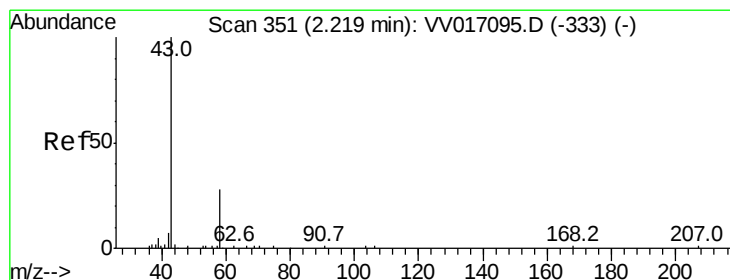
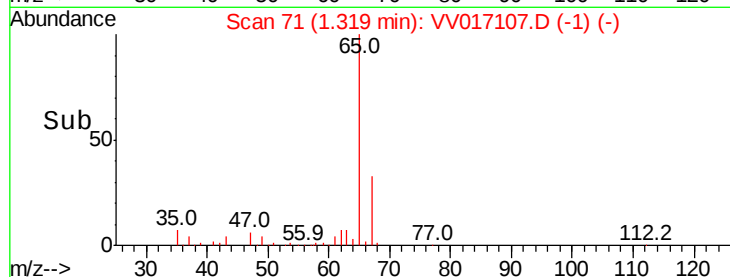
1000

500

0

1.28 1.30 1.32 1.34 1.36

Time-->



#13

Acetone

Concen: 7.946 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV017107.D

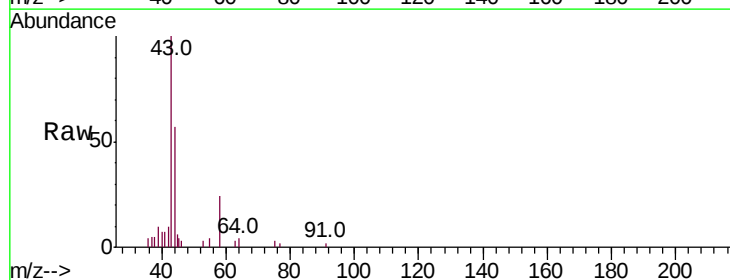
Acq: 25 Jun 2020 06:17

Tgt Ion: 43 Resp: 11365

Ion Ratio Lower Upper

43 100

58 30.4 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

5000

4000

3000

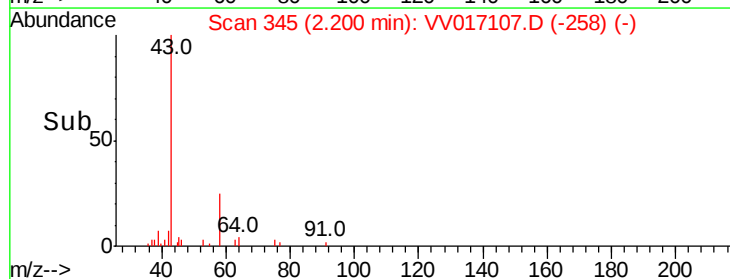
2000

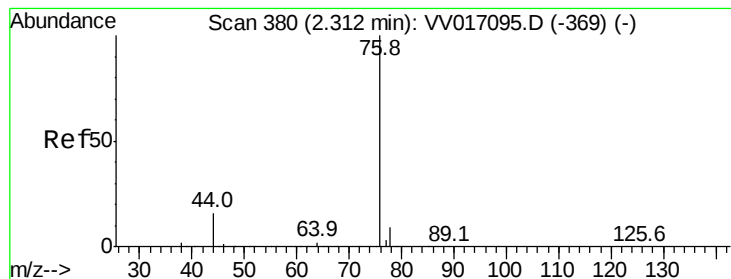
1000

0

2.10 2.15 2.20 2.25 2.30

Time-->





#14

Carbon disulfide

Concen: 0.346 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV017107.D

Acq: 25 Jun 2020 06:17

Instrument :

MSVOA_V

ClientSampleId :

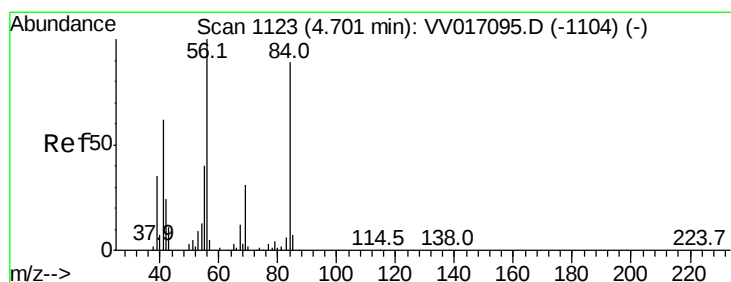
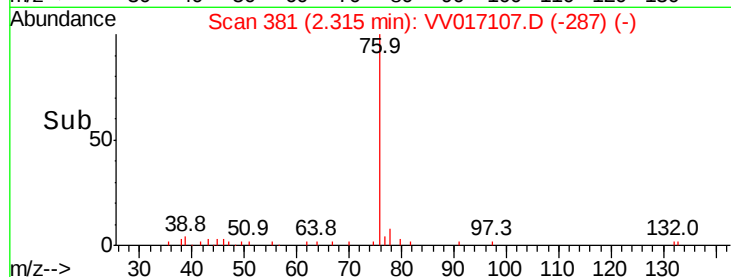
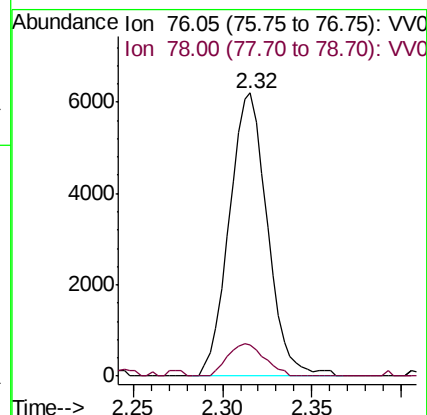
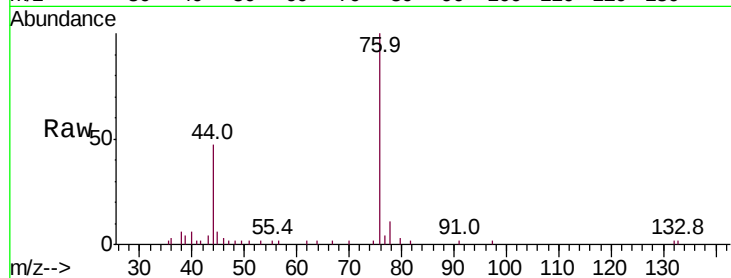
F9L60

Tot Ion: 76 Resp: 9203

Ion Ratio Lower Upper

76 100

78 10.8 7.7 11.5



#30

Cyclohexane

Concen: 0.562 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VV017107.D

Acq: 25 Jun 2020 06:17

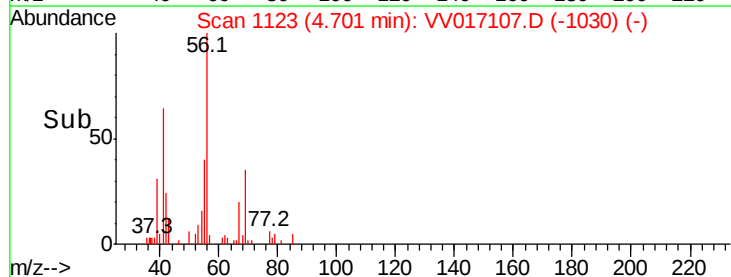
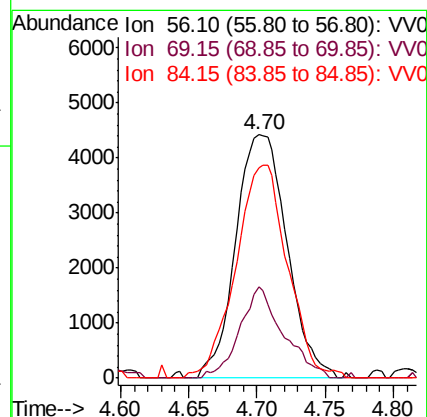
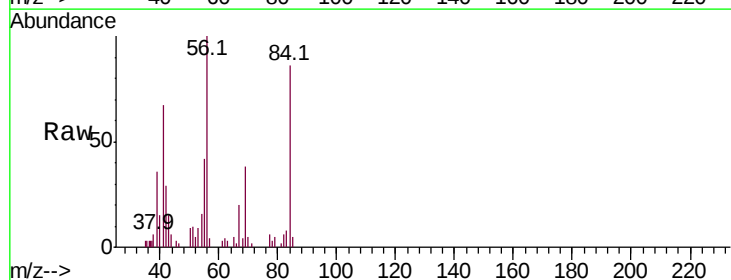
Tgt Ion: 56 Resp: 11569

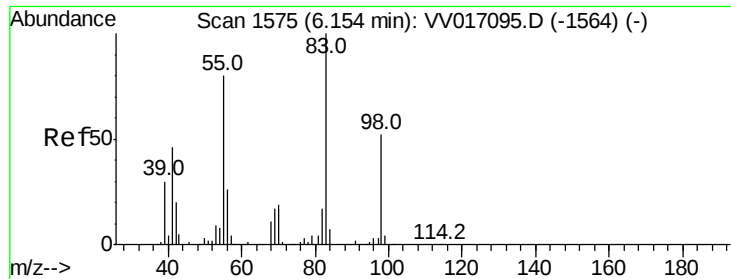
Ion Ratio Lower Upper

56 100

69 31.6 24.4 36.6

84 88.2 69.9 104.9





#35

Methvlcvclohexane

Concen: 0.641 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV017107.D

Acq: 25 Jun 2020 06:17

Instrument :

MSVOA_V

ClientSampleId :

F9L60

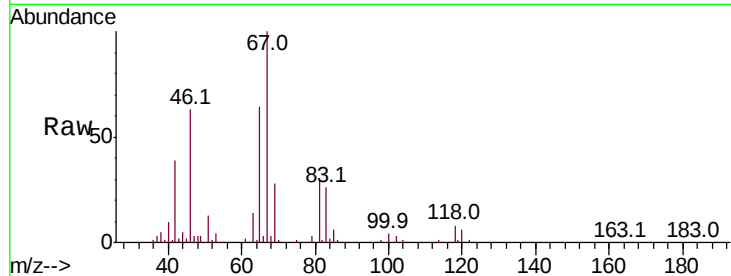
Tot Ion: 83 Resp: 13790

Ion Ratio Lower Upper

83 100

55 0.3 63.6 95.4#

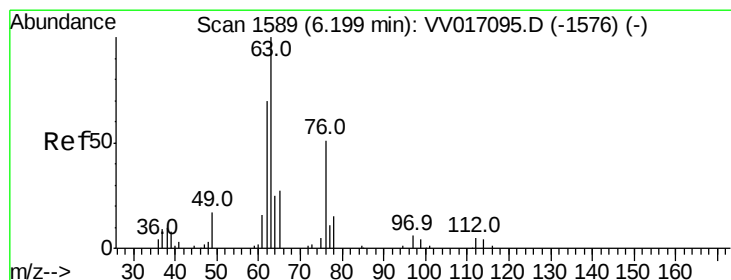
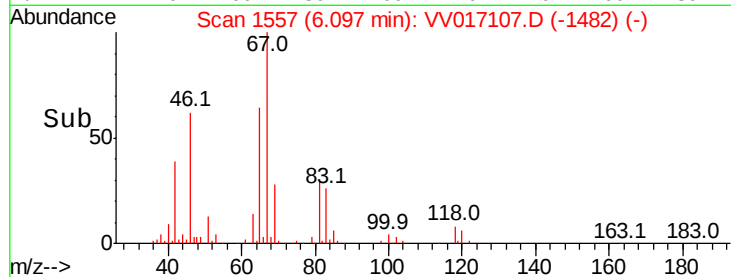
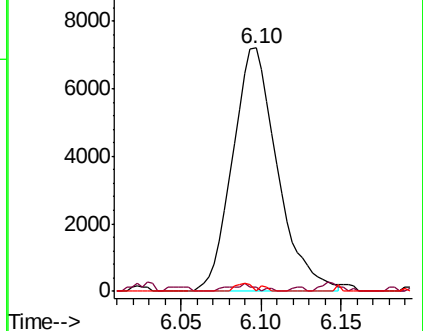
98 0.4 38.8 58.2#



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



#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.11 min

Lab File: VV017107.D

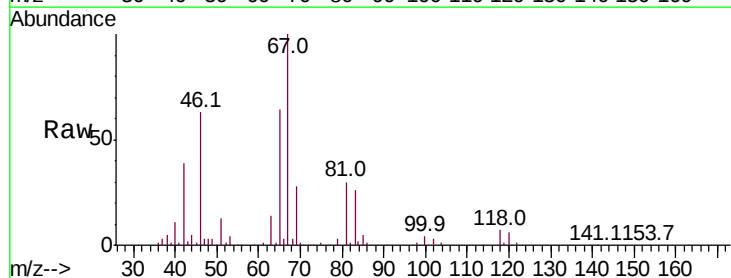
Acq: 25 Jun 2020 06:17

Tgt Ion: 63 Resp: 7302

Ion Ratio Lower Upper

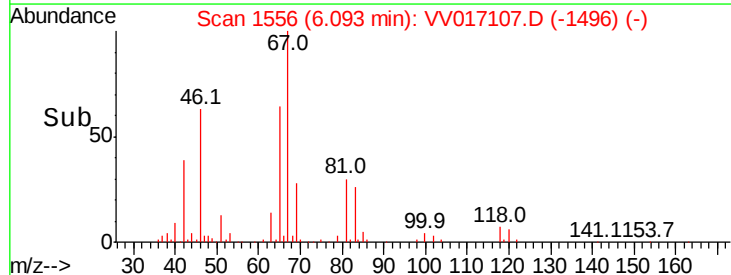
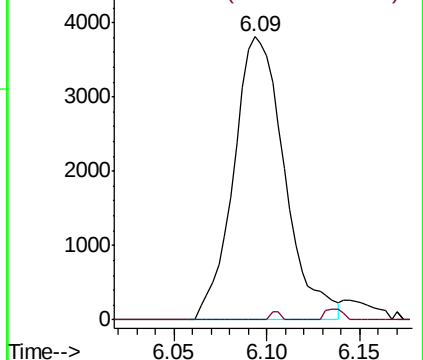
63 100

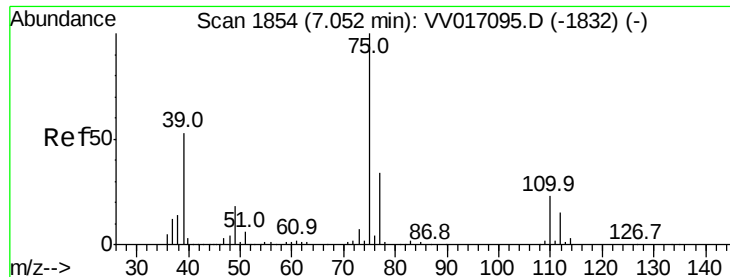
112 0.6 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017107.D

Acq: 25 Jun 2020 06:17

Instrument :

MSVOA_V

ClientSampleId :

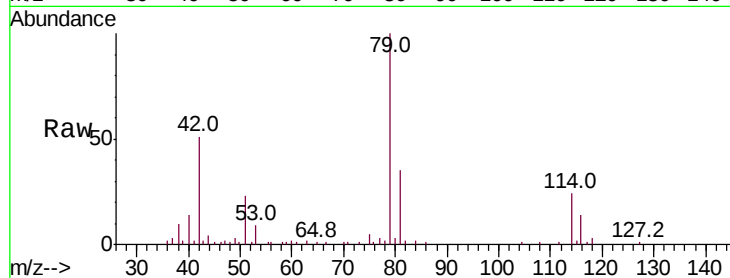
F9L60

Tot Ion: 75 Resp: 2025

Ion Ratio Lower Upper

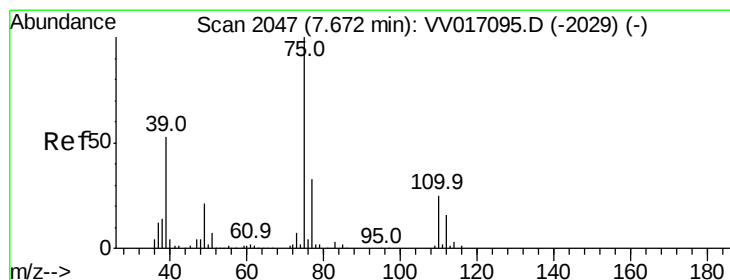
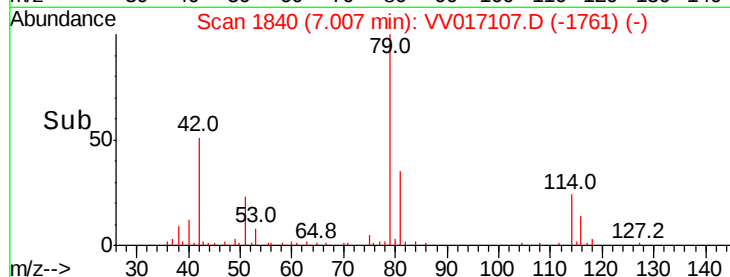
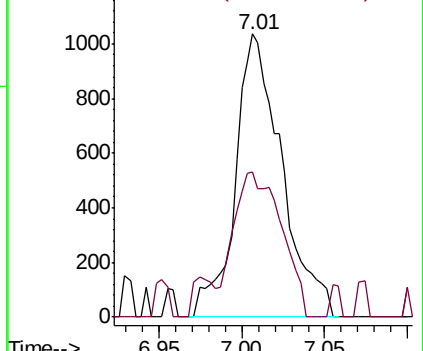
75 100

77 51.3 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#46

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV017107.D

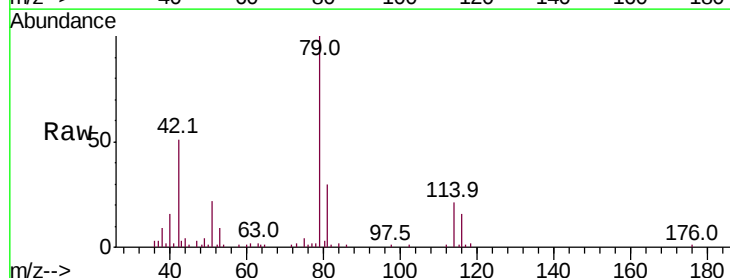
Acq: 25 Jun 2020 06:17

Tgt Ion: 75 Resp: 1157

Ion Ratio Lower Upper

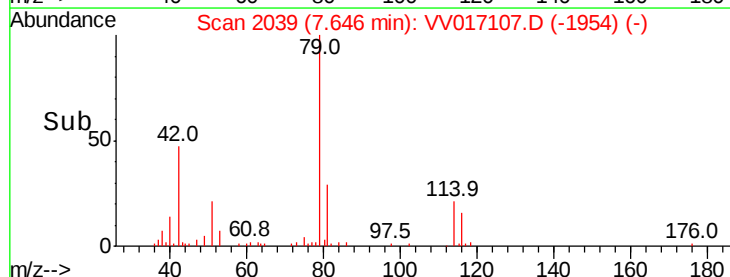
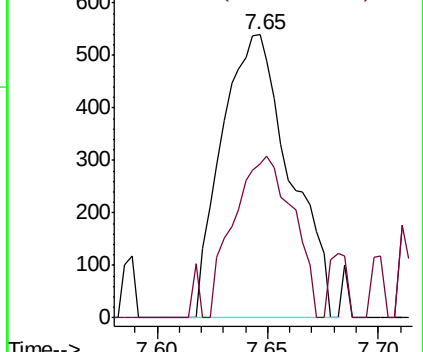
75 100

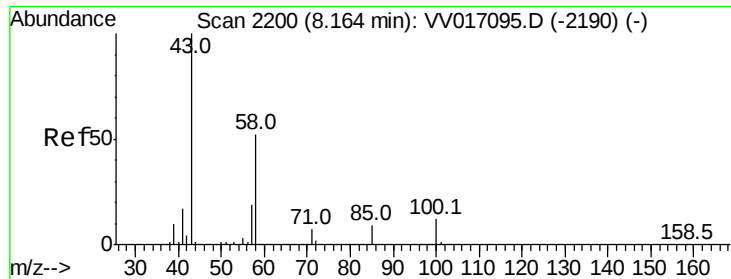
77 54.4 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

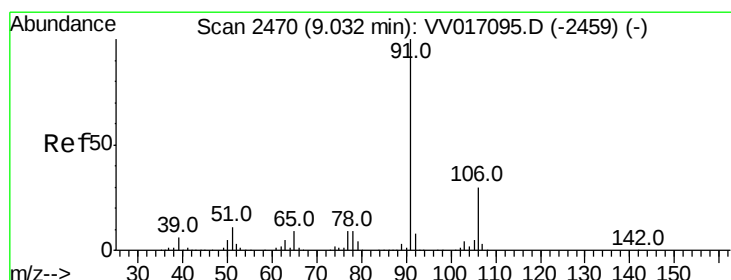
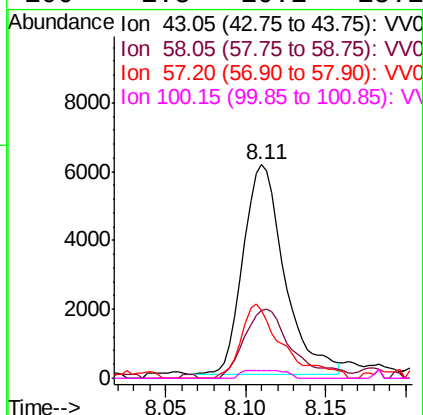
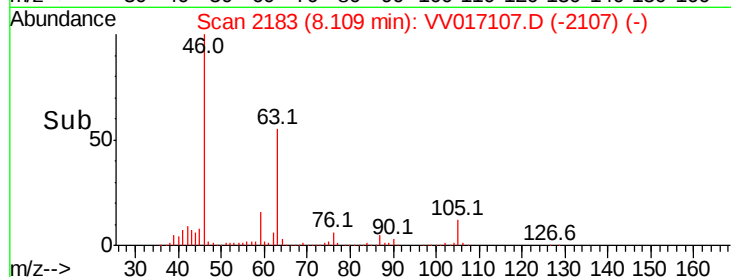
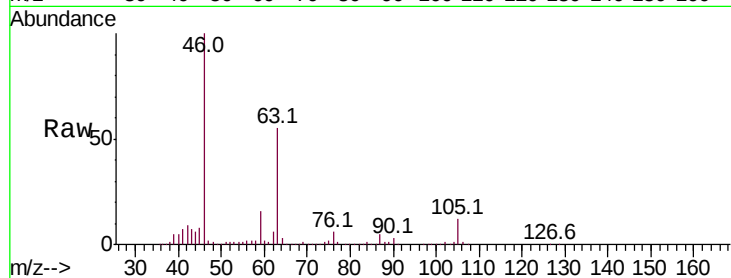




#50
2-Hexanone
Concen: 2.241 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV017107.D
Acq: 25 Jun 2020 06:17

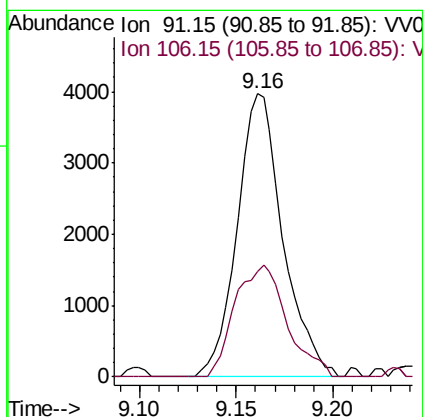
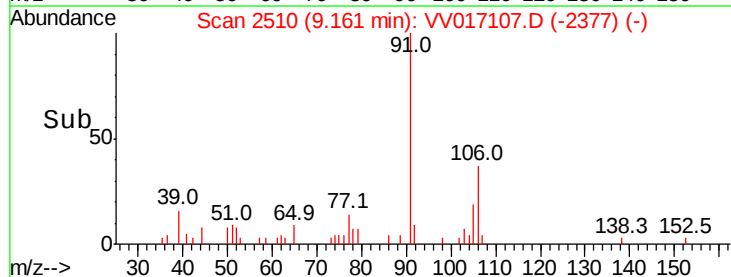
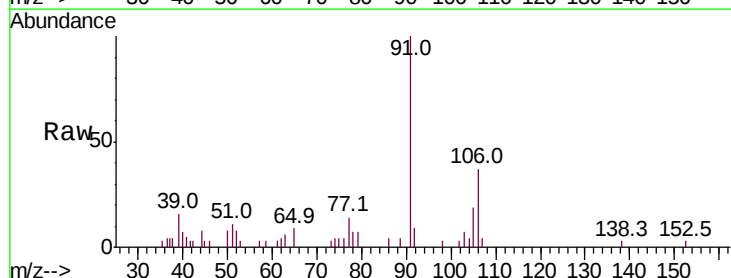
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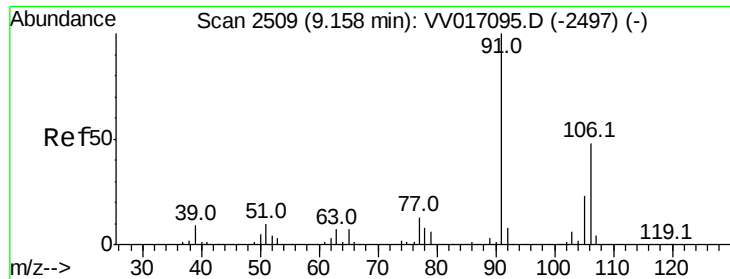
Tot Ion: 43 Resp: 10782
Ion Ratio Lower Upper
43 100
58 35.5 41.6 62.4#
57 35.3 15.4 23.0#
100 1.8 10.1 15.1#



#54
Ethylbenzene
Concen: 0.111 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.13 min
Lab File: VV017107.D
Acq: 25 Jun 2020 06:17

Tgt Ion: 91 Resp: 6535
Ion Ratio Lower Upper
91 100
106 37.1 21.1 39.1





#55

m,p-xylene

Concen: 0.127 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV017107.D

Acq: 25 Jun 2020 06:17

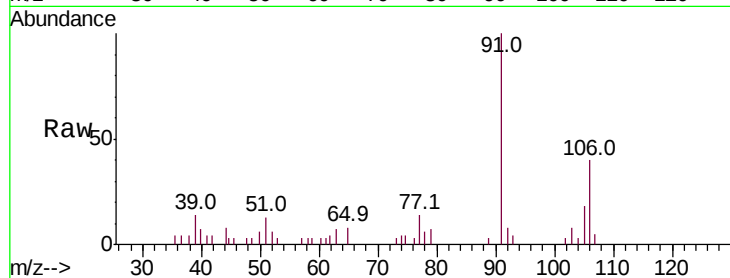
Instrument :
MSVOA_V
ClientSampled :
F9L60

Tot Ion:106 Resp: 2931

Ion Ratio Lower Upper

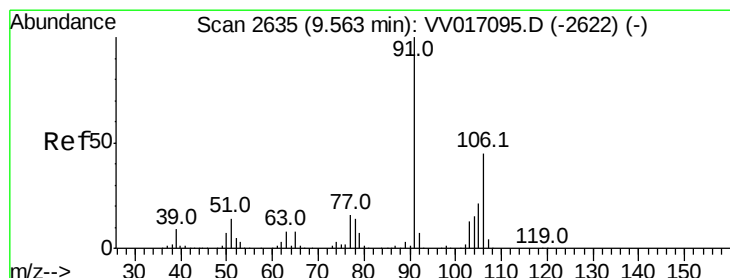
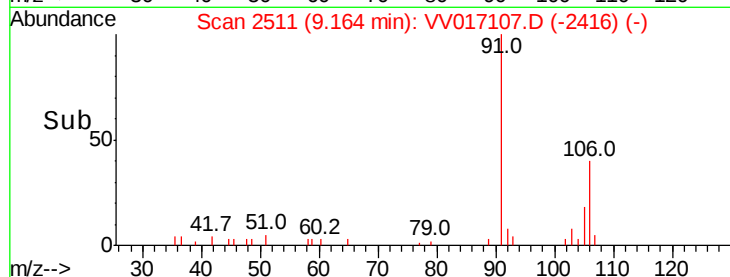
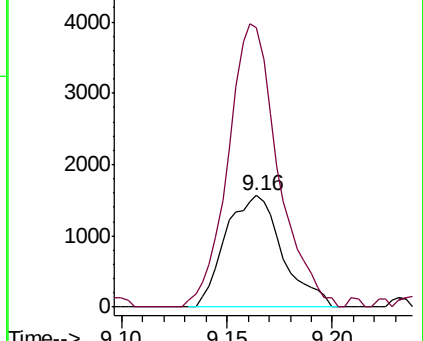
106 100

91 250.8 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 0.087 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV017107.D

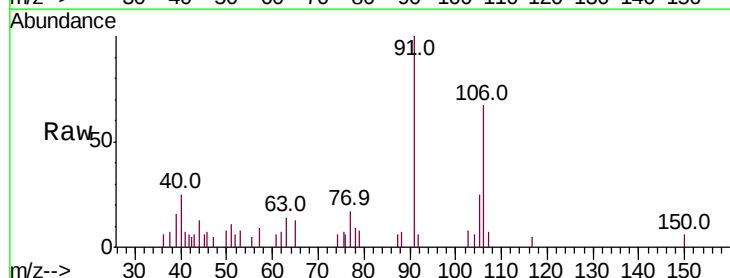
Acq: 25 Jun 2020 06:17

Tgt Ion:106 Resp: 1859

Ion Ratio Lower Upper

106 100

91 149.1 153.6 285.2#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

