

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017343.D
 Acq On : 06 Jul 2020 11:41
 Operator : SY/MD
 Sample : L3154-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4301

Quant Time: Jul 07 01:16:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162761	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157869	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72932	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38099	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	34480	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	62291	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.92	46	111833	44.92	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.84%
24) Chloroform-d	4.38	84	98776	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	54933	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.08	84	174934	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.09	67	51464	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.34	98	154696	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
45) trans-1,3-Dichloropropene-	7.64	79	19985	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
48) 2-Hexanone-d5	8.11	63	65995	33.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.84%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36587	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	67945	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

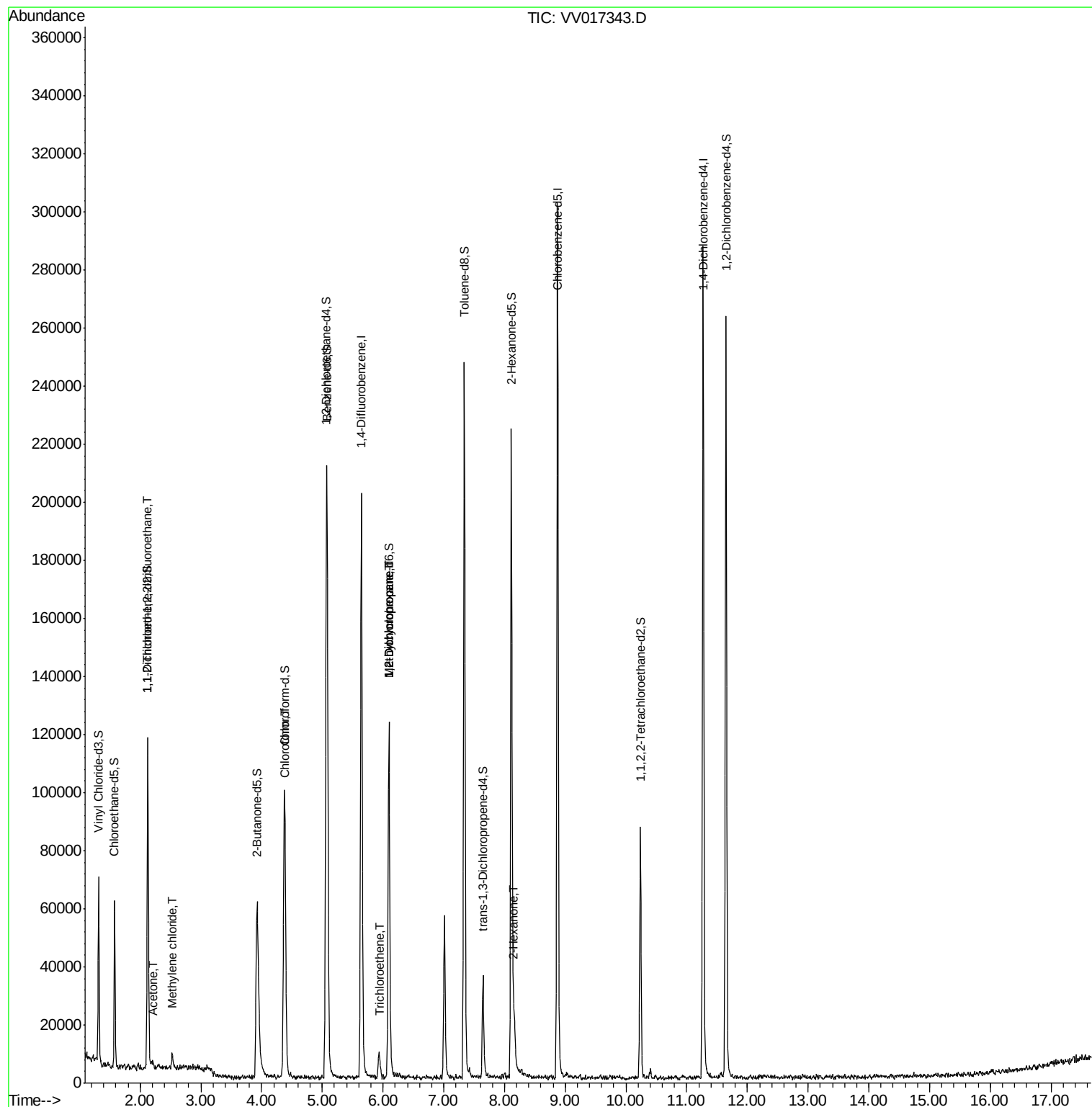
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	684	0.079	ug/L #	25
13) Acetone	2.21	43	1939	1.541	ug/L	85
16) Methylene chloride	2.52	84	2097	0.251	ug/L	86
25) Chloroform	4.40	83	2140	0.105	ug/L #	59
34) Trichloroethene	5.96	95	1416	0.117	ug/L	84
35) Methylcyclohexane	6.10	83	14141	0.751	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7077	0.692	ug/L #	84
50) 2-Hexanone	8.16	43	9317	2.216	ug/L #	86

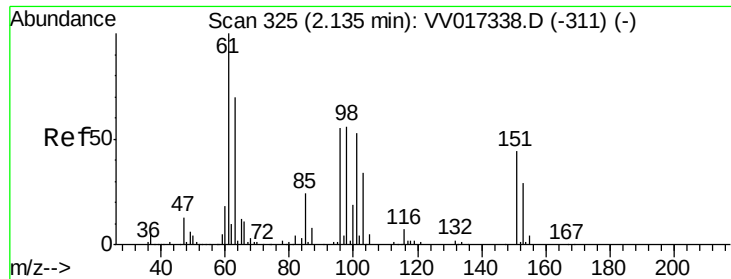
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration





#10

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

Concen: 0.079 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017343.D

Acq: 06 Jul 2020 11:41

Instrument :

MSVOA_V

ClientSampled :

H4301

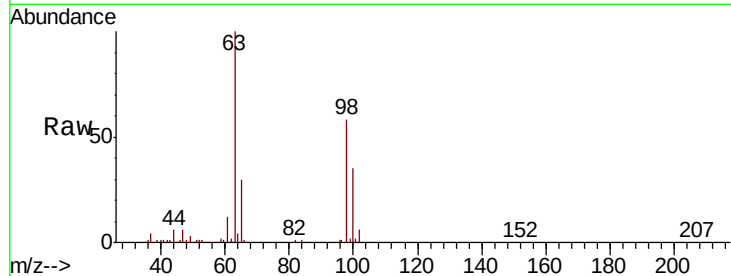
Tot Ion:101 Resp: 684

Ion Ratio Lower Upper

101 100

85 9.8 35.4 53.2#

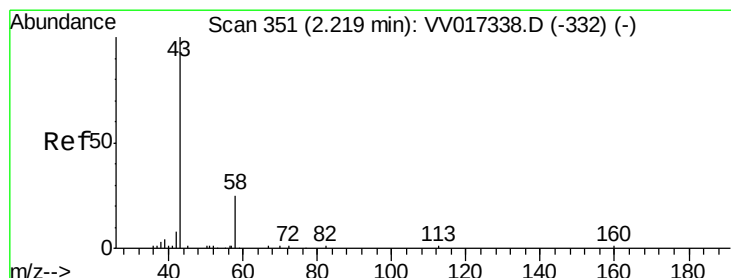
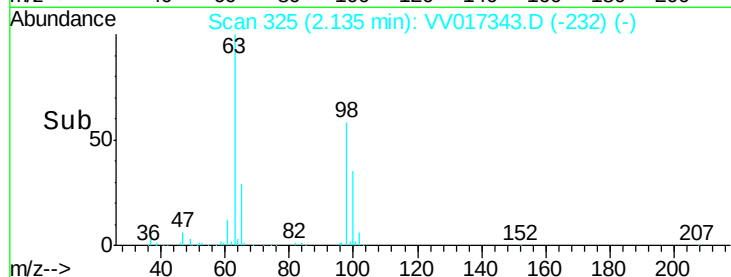
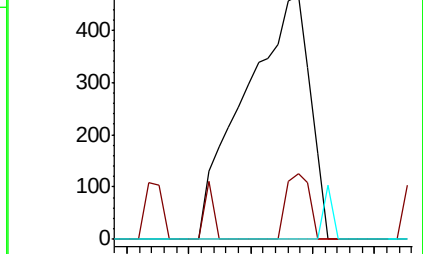
151 2.9 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.541 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV017343.D

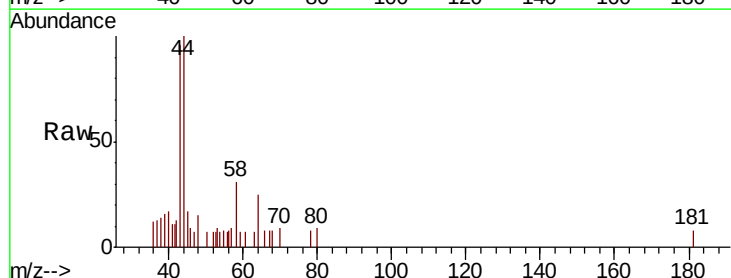
Acq: 06 Jul 2020 11:41

Tgt Ion: 43 Resp: 1939

Ion Ratio Lower Upper

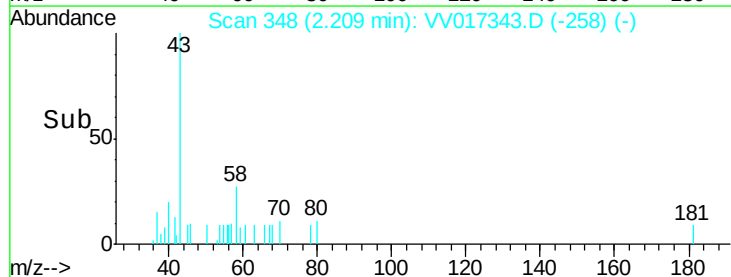
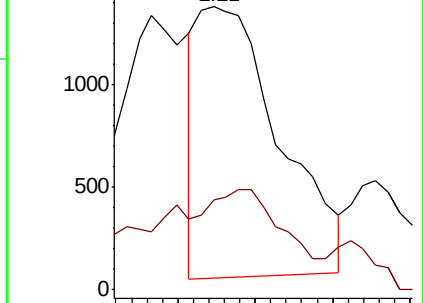
43 100

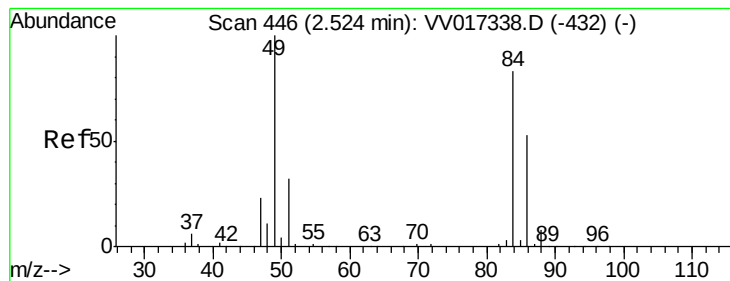
58 37.4 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#16

Methylene chloride

Concen: 0.251 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

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ClientSampleId :

H4301

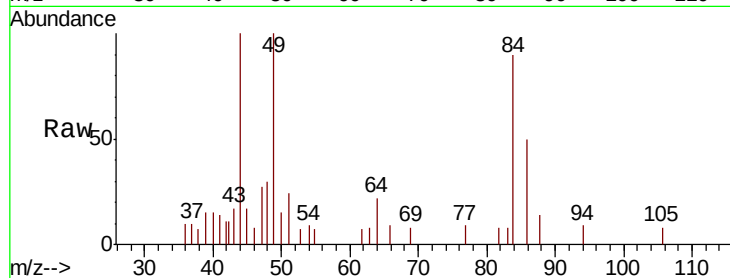
Tot Ion: 84 Resp: 2097

Ion Ratio Lower Upper

84 100

86 55.4 45.8 85.0

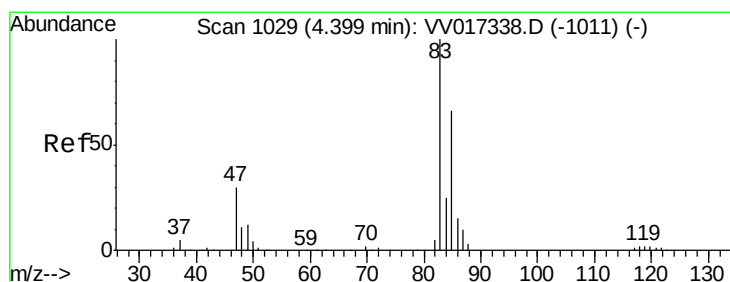
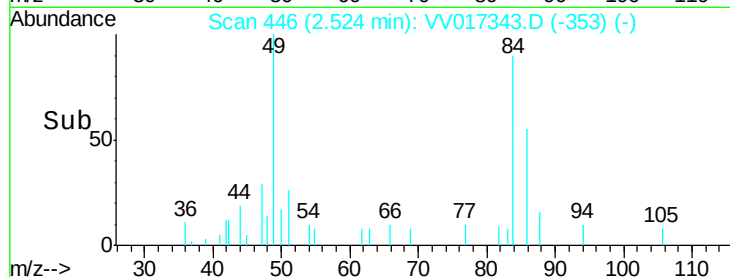
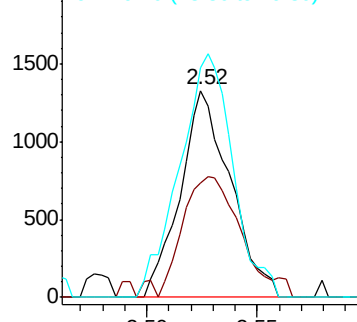
49 111.0 89.6 166.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#25

Chloroform

Concen: 0.105 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. -0.00 min

Lab File: VV017343.D

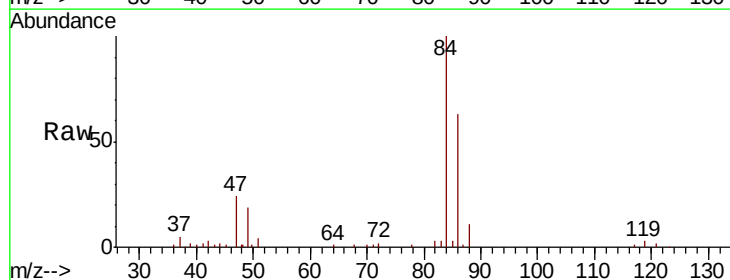
Acq: 06 Jul 2020 11:41

Tgt Ion: 83 Resp: 2140

Ion Ratio Lower Upper

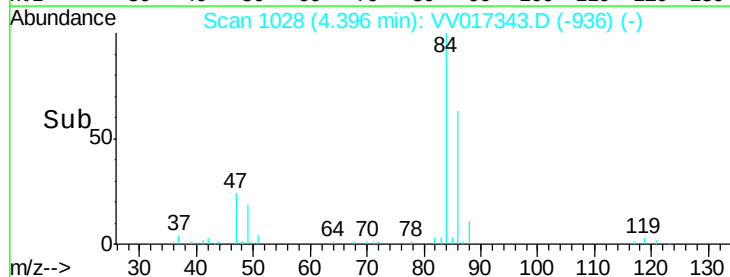
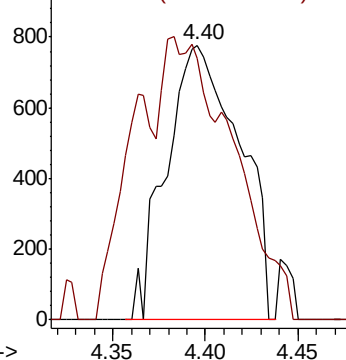
83 100

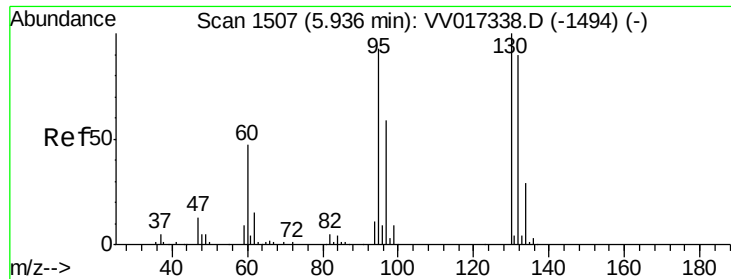
85 95.2 44.2 82.2#



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.117 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.02 min

Lab File: VV017343.D

Acq: 06 Jul 2020 11:41

Instrument :

MSVOA_V

ClientSampled :

H4301

Tot Ion: 95 Resp: 1416

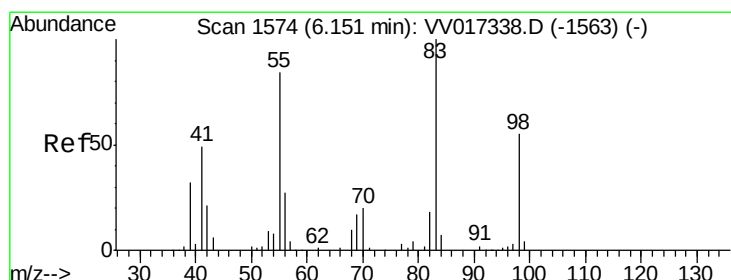
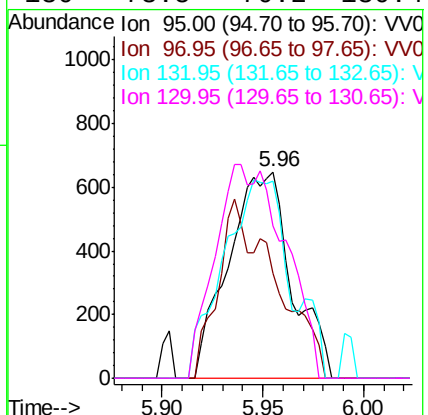
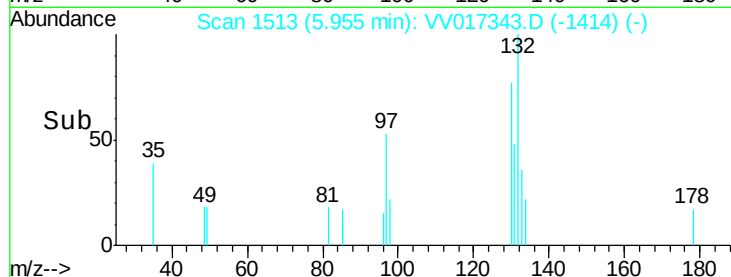
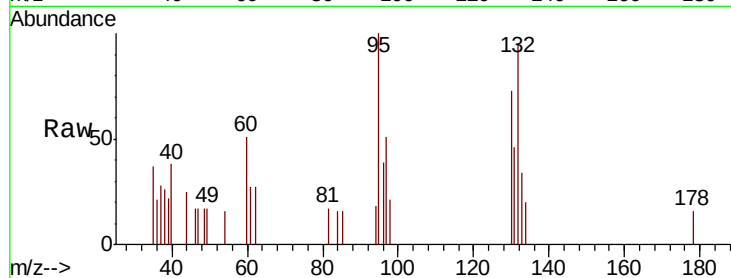
Ion Ratio Lower Upper

95 100

97 50.8 45.3 84.1

132 95.2 68.8 127.8

130 73.5 70.2 130.4



#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017343.D

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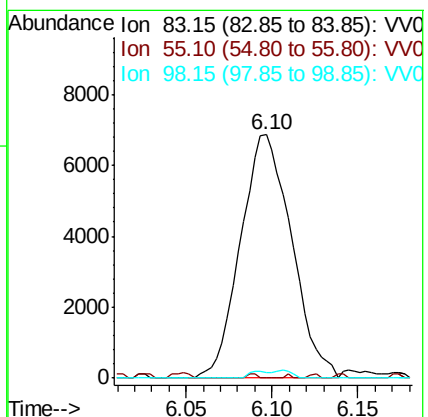
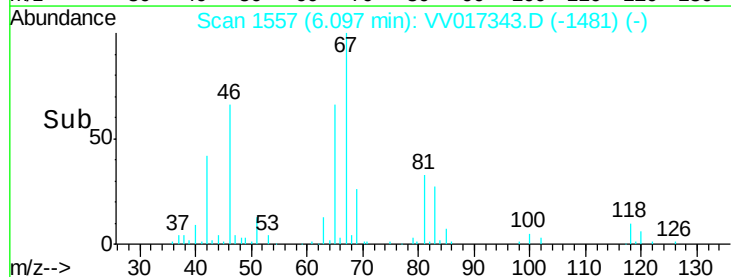
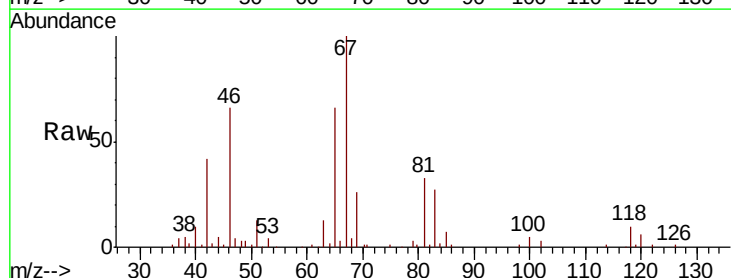
Tgt Ion: 83 Resp: 14141

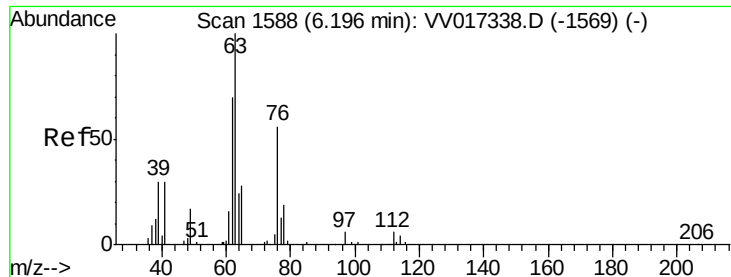
Ion Ratio Lower Upper

83 100

55 0.3 63.6 95.4#

98 1.2 38.8 58.2#

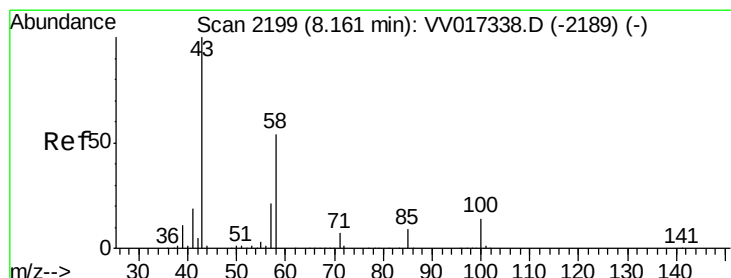
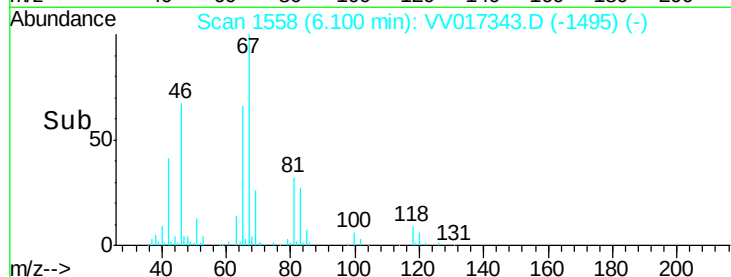
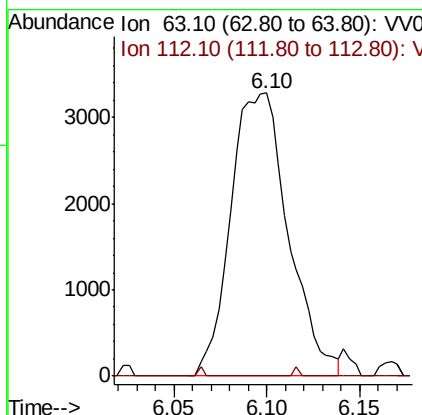
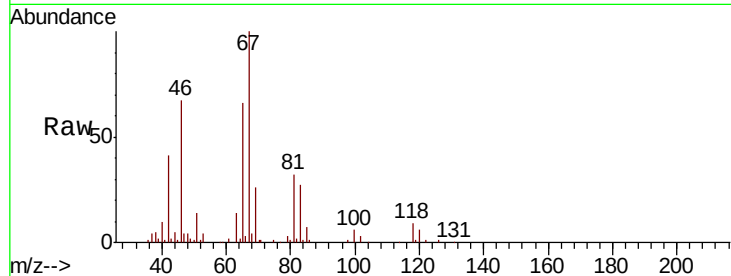




#37
 1,2-Dichloropropane
 Concen: 0.692 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VV017343.D
 Acq: 06 Jul 2020 11:41

Instrument :
 MSVOA_V
 ClientSampleId :
 H4301

Tot Ion: 63 Resp: 7077
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.4 6.6#



#50
 2-Hexanone
 Concen: 2.216 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV017343.D
 Acq: 06 Jul 2020 11:41

Tgt Ion: 43 Resp: 9317
 Ion Ratio Lower Upper
 43 100
 58 46.3 41.6 62.4
 57 4.3 15.4 23.0#
 100 9.6 10.1 15.1#

