

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017342.D
 Acq On : 06 Jul 2020 11:17
 Operator : SY/MD
 Sample : L3154-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4297

Quant Time: Jul 07 01:16:38 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	163174	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157858	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75419	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38115	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.58	69	34921	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.13	63	61163	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.92	46	113884	45.63	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.26%
24) Chloroform-d	4.38	84	100146	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.06	65	57221	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.08	84	177847	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.10	67	52758	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.34	98	154498	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
45) trans-1,3-Dichloropropene-	7.65	79	19563	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
48) 2-Hexanone-d5	8.11	63	70275	36.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37052	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	66291	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

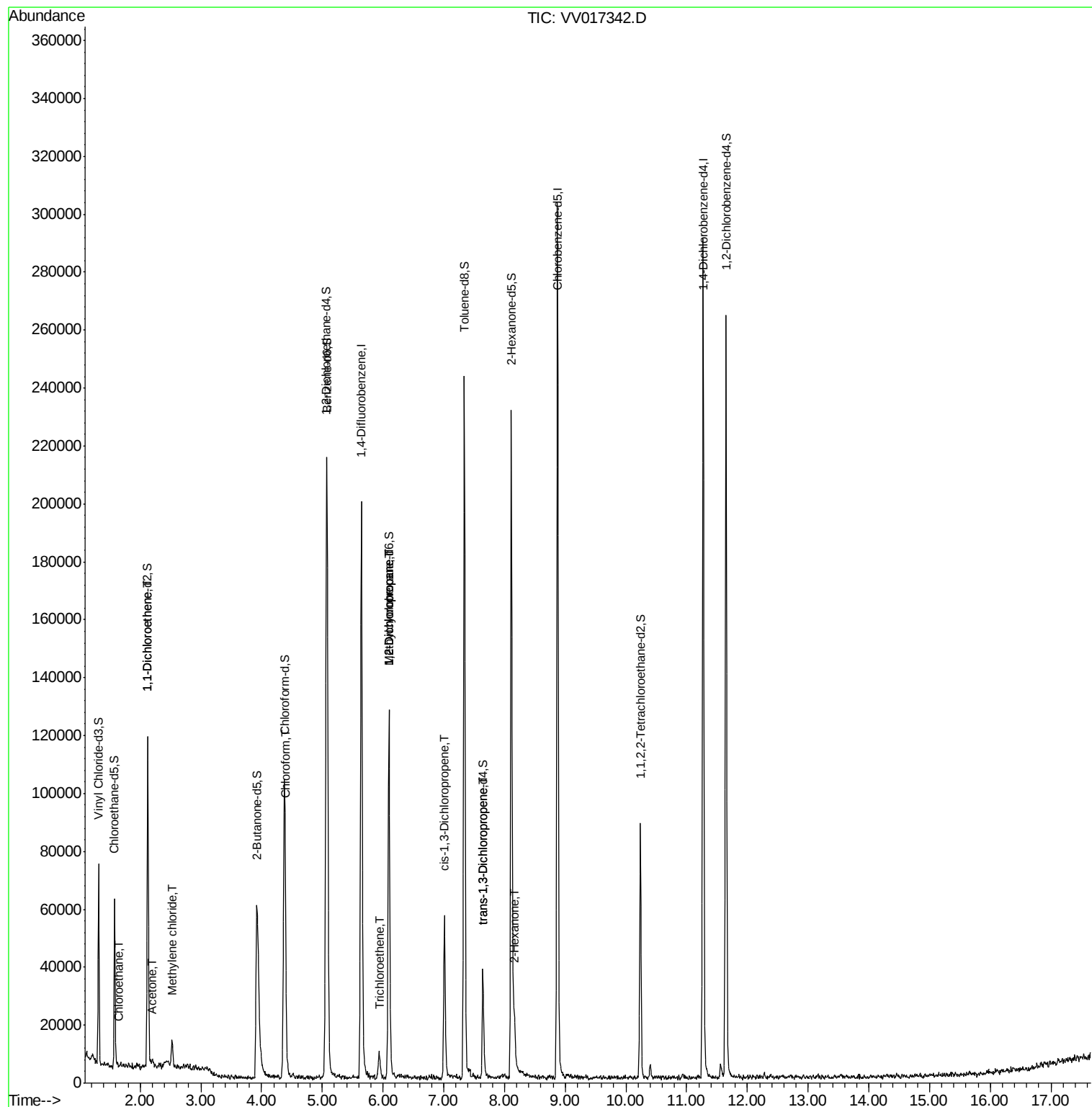
					Ovalue
8) Chloroethane	1.65	64	673	0.114 ug/L	98
12) 1,1-Dichloroethene	2.13	96	805	0.103 ug/L #	1
13) Acetone	2.20	43	3436	2.723 ug/L	75
16) Methylene chloride	2.53	84	3571	0.426 ug/L	91
25) Chloroform	4.40	83	2162	0.106 ug/L	95
34) Trichloroethene	5.95	95	1508	0.125 ug/L	83
35) Methylcyclohexane	6.10	83	14641	0.778 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7244	0.708 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	1820	0.120 ug/L #	81
46) trans-1,3-Dichloropropene	7.65	75	1056	0.080 ug/L #	53
50) 2-Hexanone	8.16	43	10276	2.444 ug/L #	96

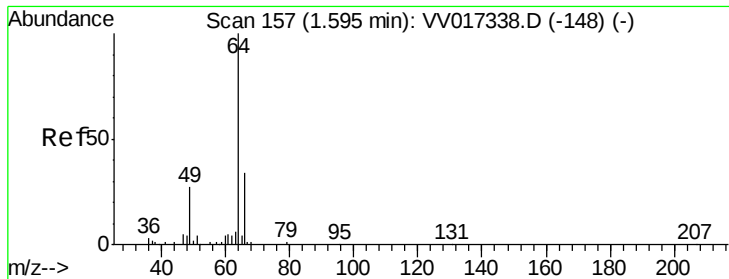
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.114 ug/L

RT: 1.65 min Scan# 174

Delta R.T. 0.05 min

Lab File: VV017342.D

Acq: 06 Jul 2020 11:17

Instrument :

MSVOA_V

ClientSampled :

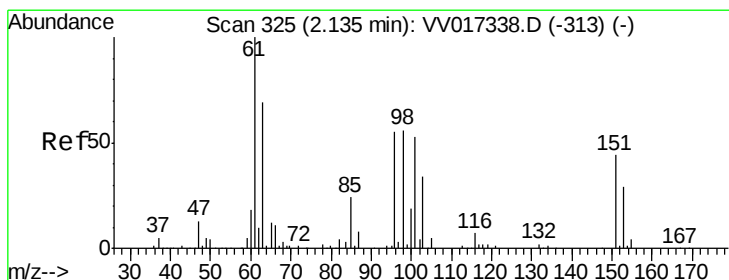
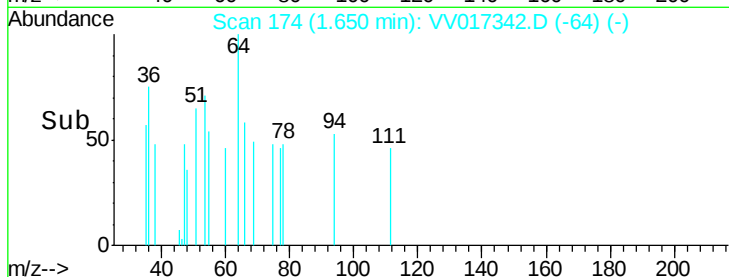
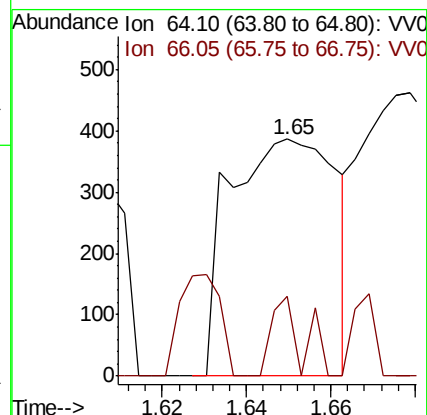
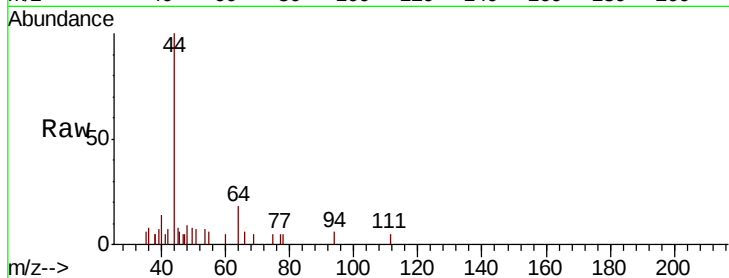
H4297

Tot Ion: 64 Resp: 673

Ion Ratio Lower Upper

64 100

66 33.9 22.8 42.4



#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV017342.D

Acq: 06 Jul 2020 11:17

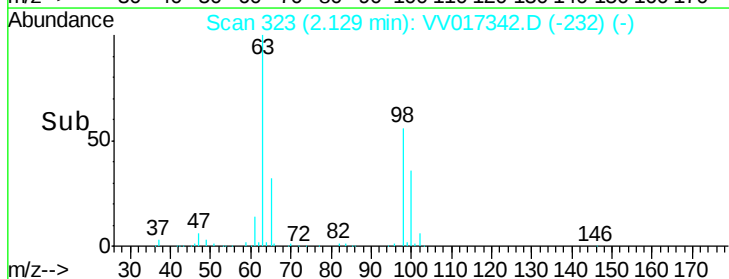
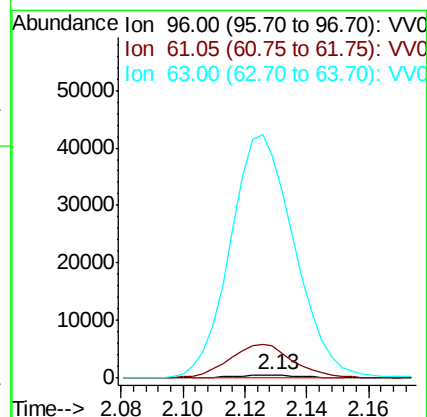
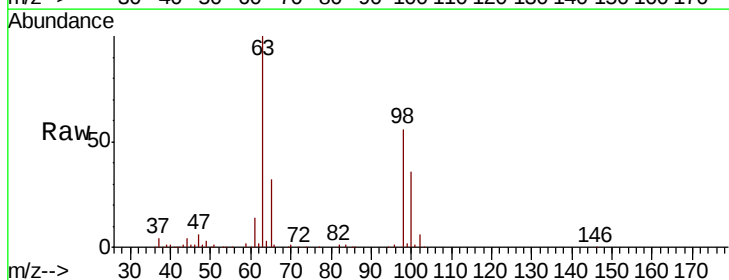
Tgt Ion: 96 Resp: 805

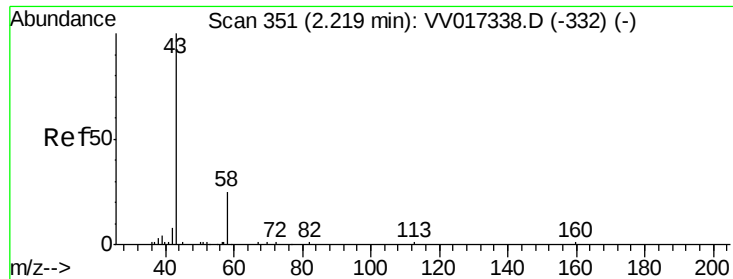
Ion Ratio Lower Upper

96 100

61 1022.6 125.0 232.2#

63 7170.4 109.8 203.8#





#13

Acetone

Concen: 2.723 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV017342.D

Acq: 06 Jul 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

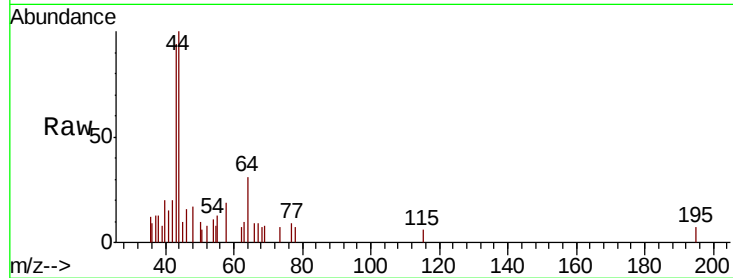
H4297

Tot Ion: 43 Resp: 3436

Ion Ratio Lower Upper

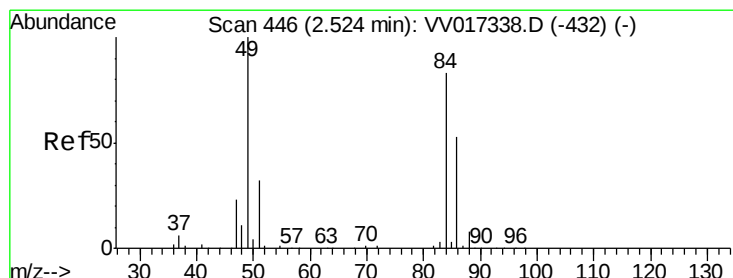
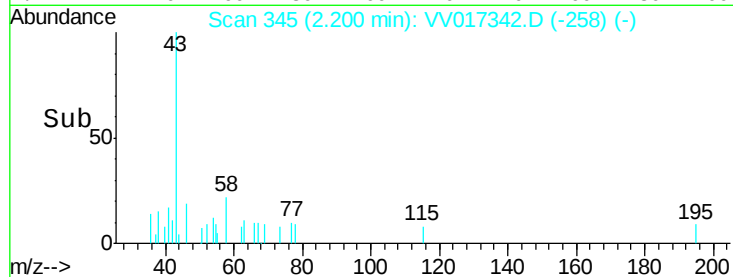
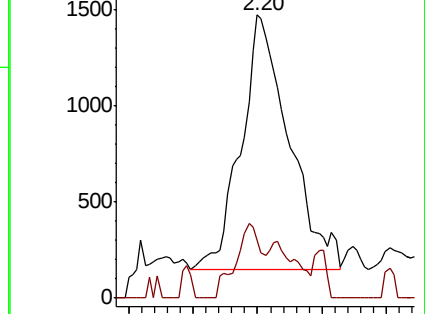
43 100

58 15.6 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: 0.426 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV017342.D

Acq: 06 Jul 2020 11:17

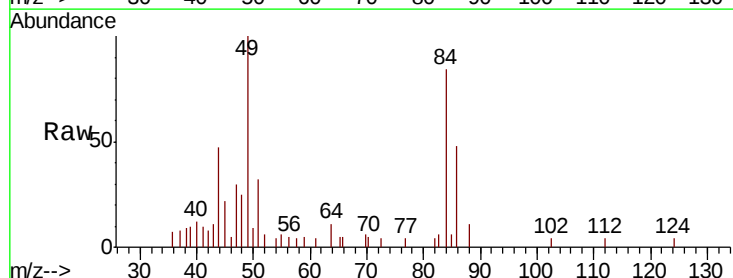
Tgt Ion: 84 Resp: 3571

Ion Ratio Lower Upper

84 100

86 56.6 45.8 85.0

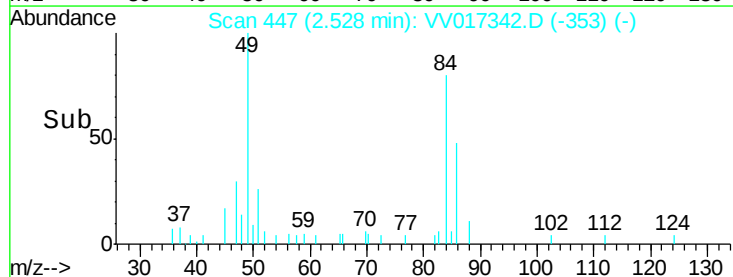
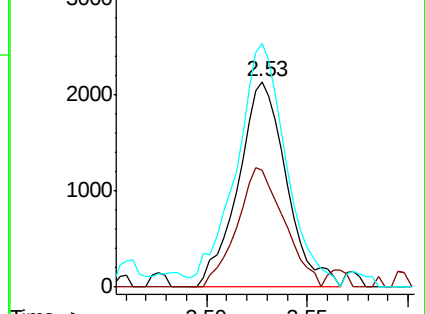
49 118.5 89.6 166.4

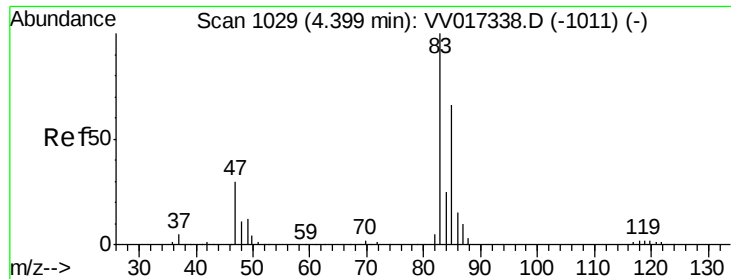


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

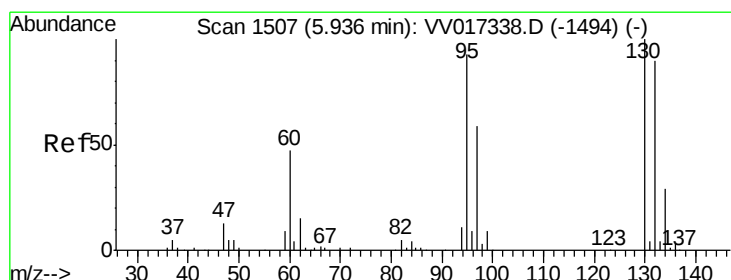
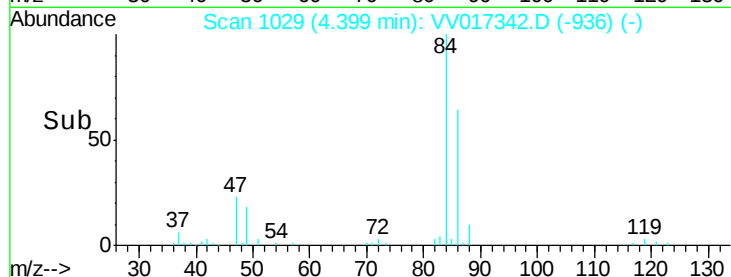
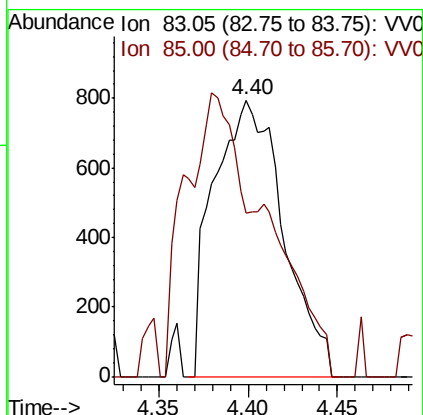
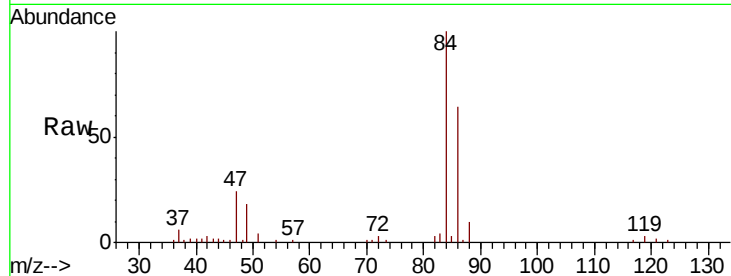




#25
Chloroform
Concen: 0.106 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV017342.D
Acq: 06 Jul 2020 11:17

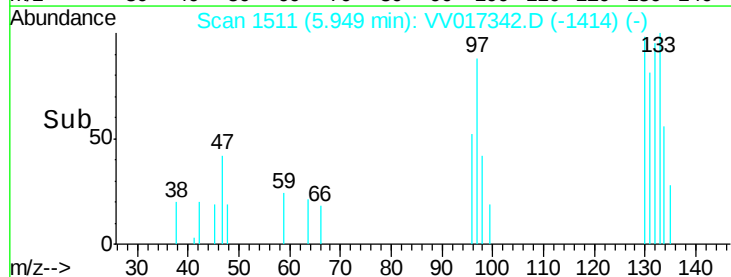
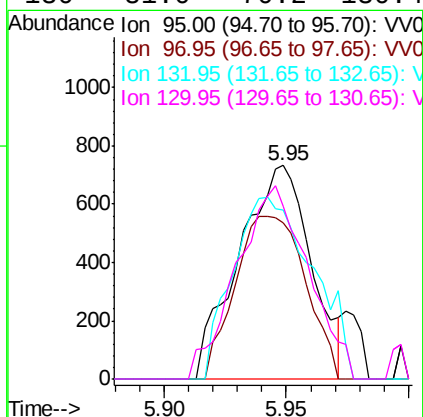
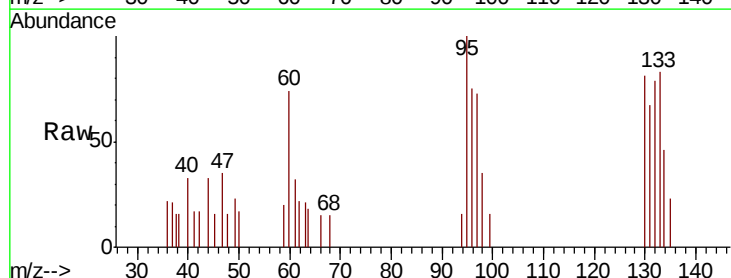
Instrument :
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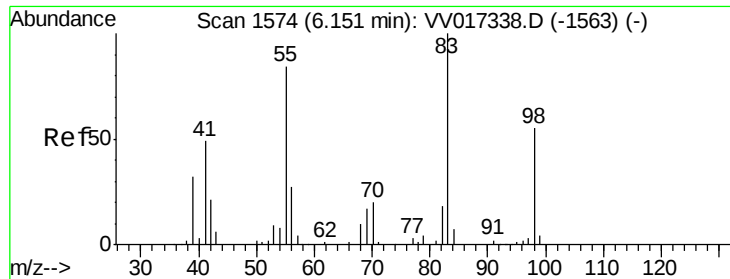
Tot Ion: 83 Resp: 2162
Ion Ratio Lower Upper
83 100
85 59.1 44.2 82.2



#34
Trichloroethene
Concen: 0.125 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV017342.D
Acq: 06 Jul 2020 11:17

Tgt Ion: 95 Resp: 1508
Ion Ratio Lower Upper
95 100
97 72.9 45.3 84.1
132 79.1 68.8 127.8
130 81.0 70.2 130.4

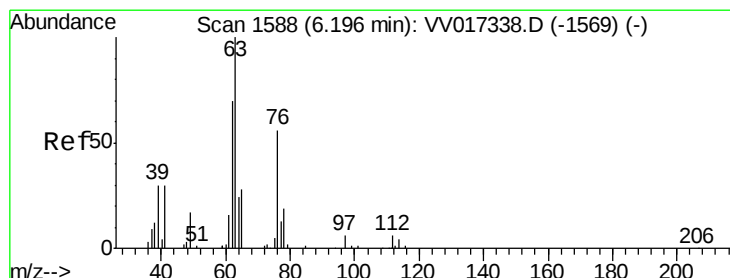
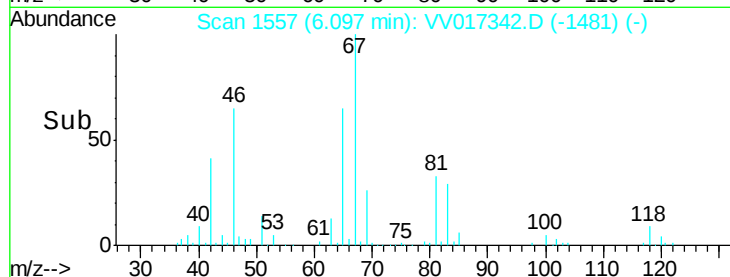
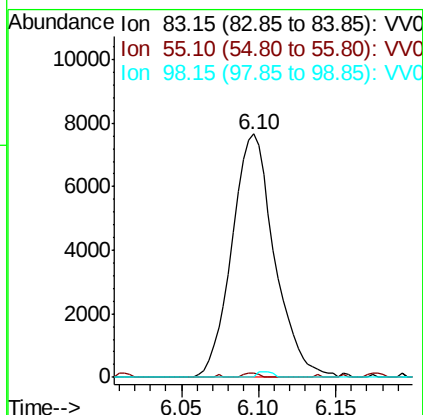
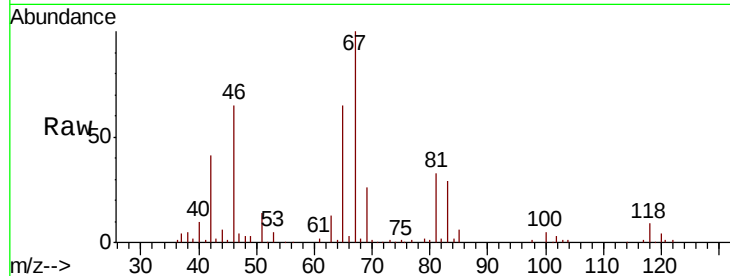




#35
Methvlcvclohexane
Concen: 0.778 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017342.D
Acq: 06 Jul 2020 11:17

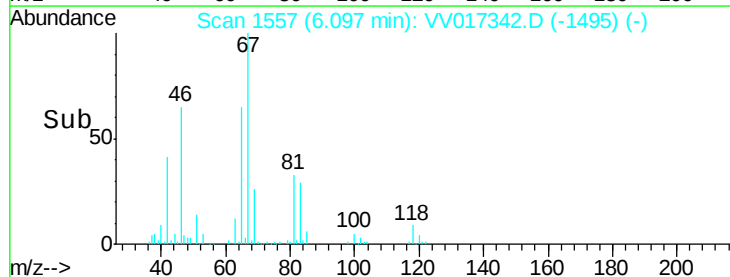
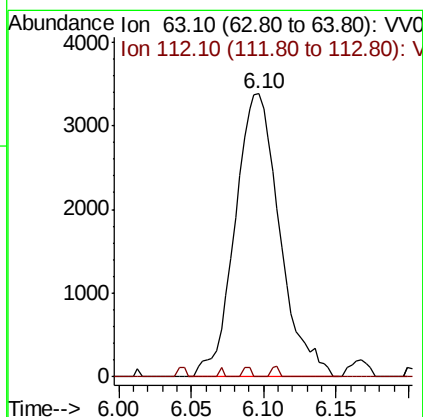
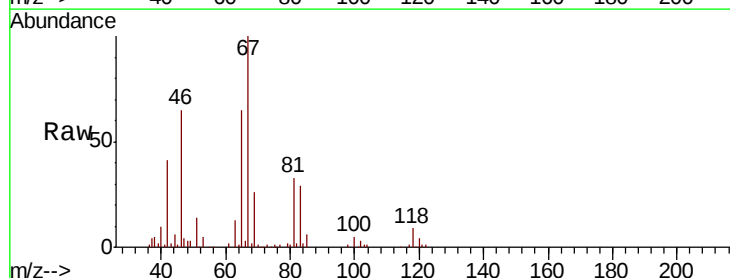
Instrument :
MSVOA_V
ClientSampled :
H4297

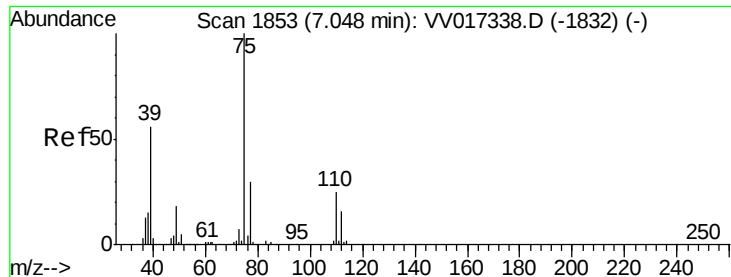
Tot Ion: 83 Resp: 14641
Ion Ratio Lower Upper
83 100
55 0.6 63.6 95.4#
98 0.9 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.708 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017342.D
Acq: 06 Jul 2020 11:17

Tgt Ion: 63 Resp: 7244
Ion Ratio Lower Upper
63 100
112 0.6 4.4 6.6#



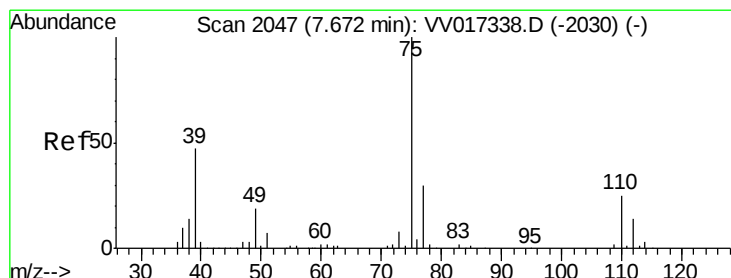
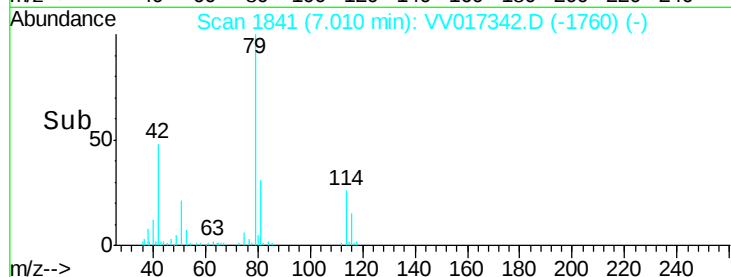
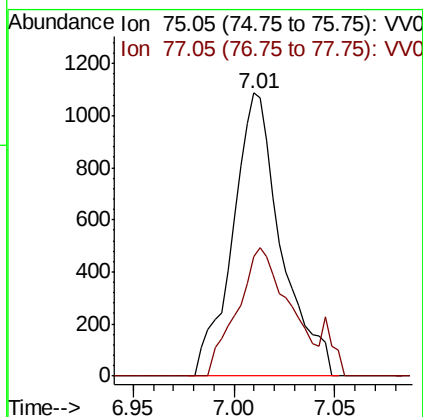
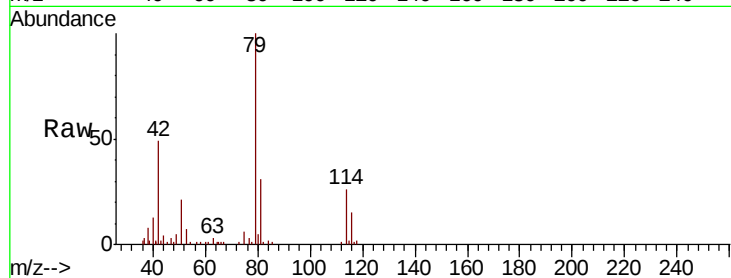


#39

cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017342.D
Acq: 06 Jul 2020 11:17

Instrument :
MSVOA_V
ClientSampleId :
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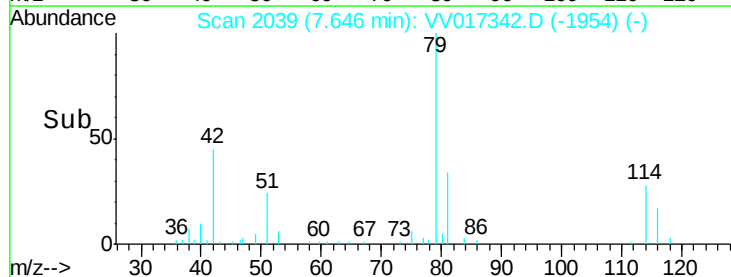
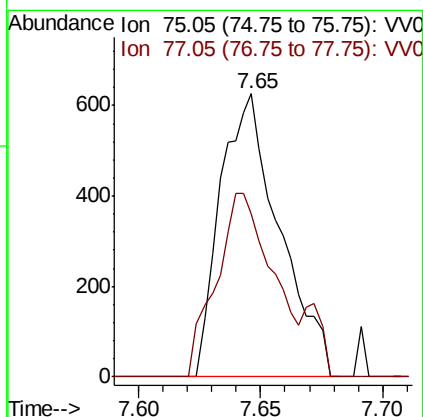
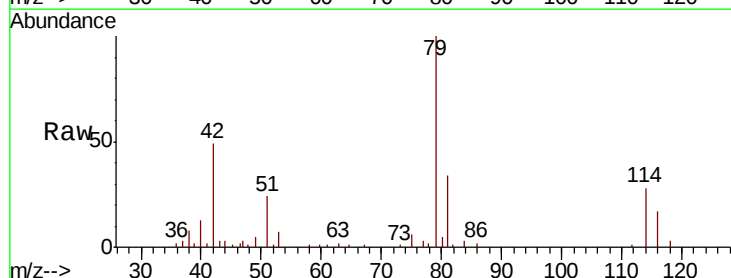
Tot Ion: 75 Resp: 1820
Ion Ratio Lower Upper
75 100
77 42.2 22.3 41.5#

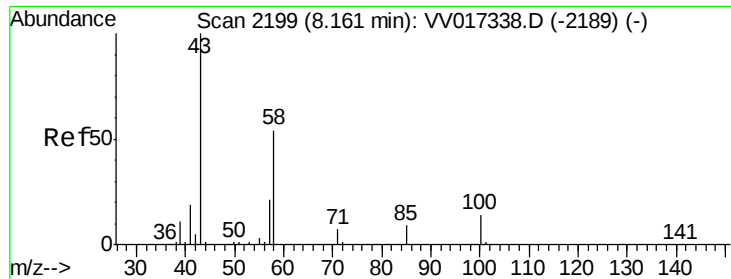


#46

trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017342.D
Acq: 06 Jul 2020 11:17

Tgt Ion: 75 Resp: 1056
Ion Ratio Lower Upper
75 100
77 57.7 22.3 41.3#





#50

2-Hexanone

Concen: 2.444 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VV017342.D

Acq: 06 Jul 2020 11:17

Instrument :
MSVOA_V
ClientSampleId :
H4297

Tot Ion: 43 Resp: 10276

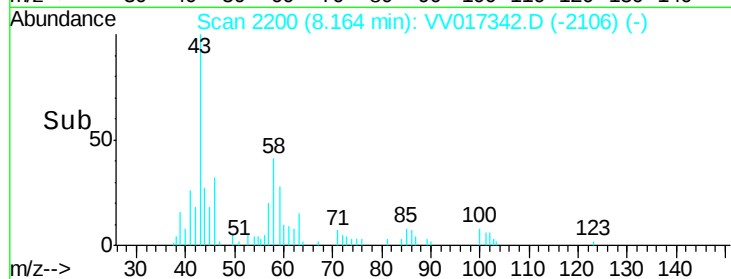
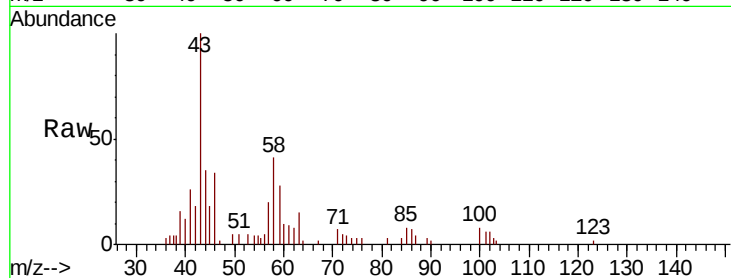
Ion Ratio Lower Upper

43 100

58 50.4 41.6 62.4

57 20.2 15.4 23.0

100 6.7 10.1 15.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

