

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017098.D
 Acq On : 25 Jun 2020 02:41
 Operator : SY/MD
 Sample : L3102-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L51

Quant Time: Jun 25 05:29:18 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	167554	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161589	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74675	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36611	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.58	69	31259	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.13	63	59896	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.93	46	115272	44.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.96%
24) Chloroform-d	4.38	84	97344	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.06	65	52742	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.08	84	182706	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.10	67	55987	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.34	98	163710	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
45) trans-1,3-Dichloropropene-	7.64	79	21445	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
48) 2-Hexanone-d5	8.11	63	81438	40.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40671	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	63973	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

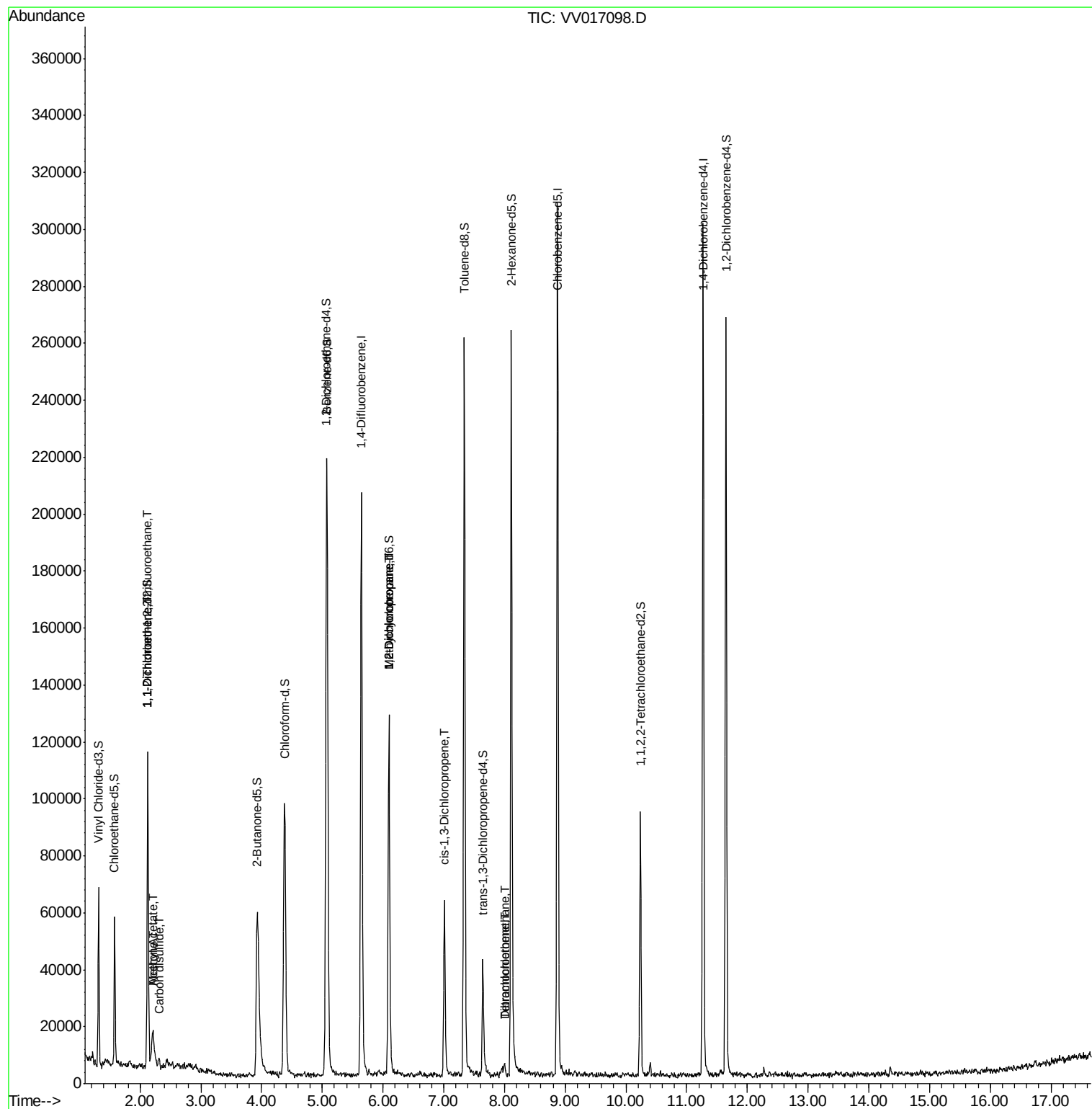
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	630	0.071	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	677	0.084	ug/L #	1
13) Acetone	2.21	43	23500	18.138	ug/L	98
14) Carbon disulfide	2.32	76	3585	0.149	ug/L #	84
15) Methyl Acetate	2.21	43	22888	7.226	ug/L #	52
35) Methylcyclohexane	6.10	83	14876	0.772	ug/L #	19
37) 1,2-Dichloropropane	6.10	63	6767	0.646	ug/L #	84
39) cis-1,3-Dichloropropene	7.02	75	1678	0.108	ug/L	92
49) Tetrachloroethene	8.00	164	902	0.090	ug/L #	68
51) Dibromochloromethane	8.00	129	827	0.092	ug/L #	11

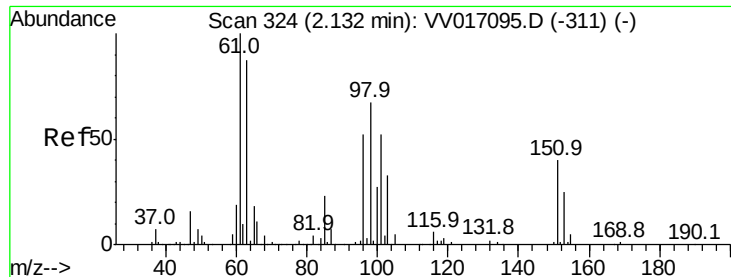
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.071 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017098.D

Acq: 25 Jun 2020 02:41

Instrument :

MSVOA_V

ClientSampleId :

F9L51

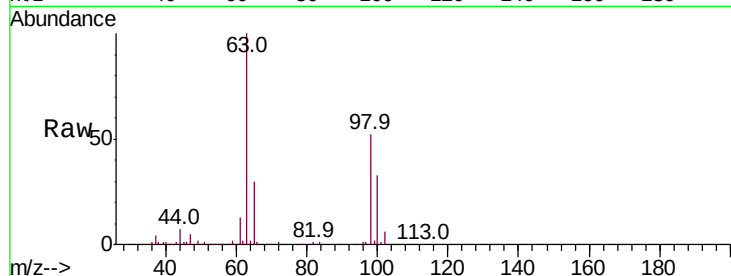
Tot Ion:101 Resp: 630

Ion Ratio Lower Upper

101 100

85 3.3 35.4 53.2#

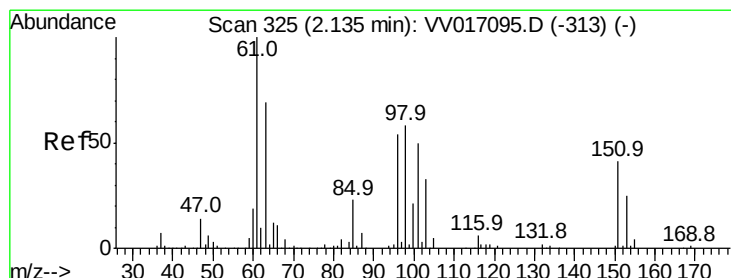
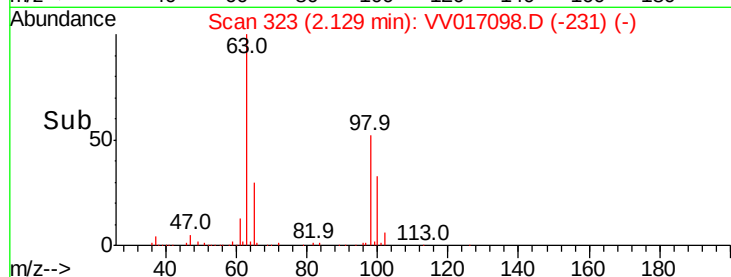
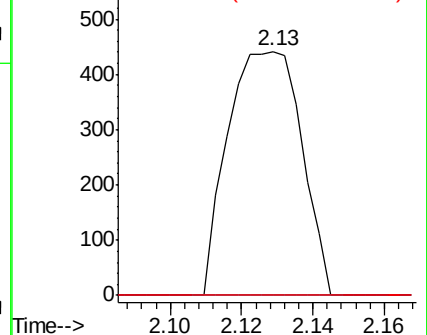
151 0.0 63.9 95.9#



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



#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017098.D

Acq: 25 Jun 2020 02:41

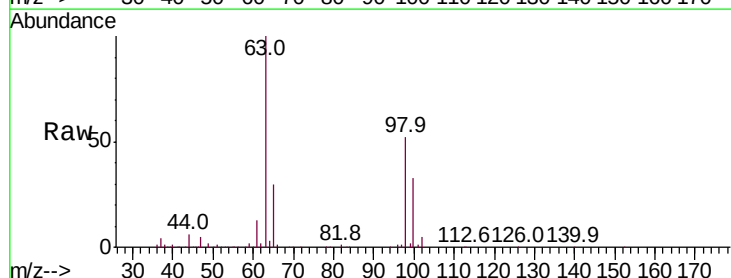
Tgt Ion: 96 Resp: 677

Ion Ratio Lower Upper

96 100

61 1249.3 125.0 232.2#

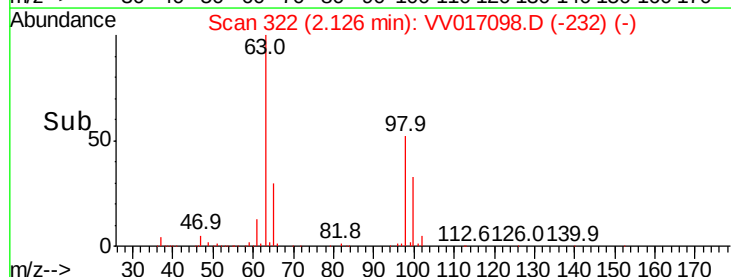
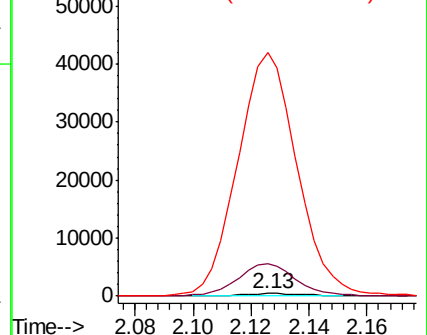
63 9366.1 109.8 203.8#

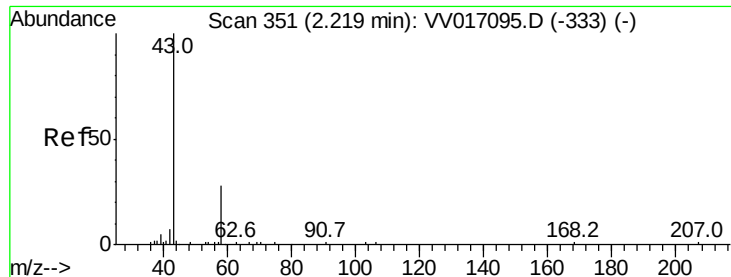


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 18.138 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV017098.D

Acq: 25 Jun 2020 02:41

Instrument :

MSVOA_V

ClientSampleId :

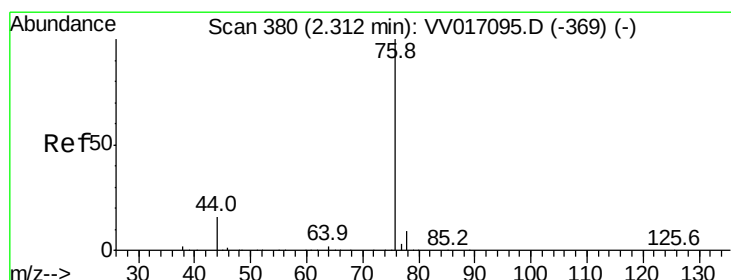
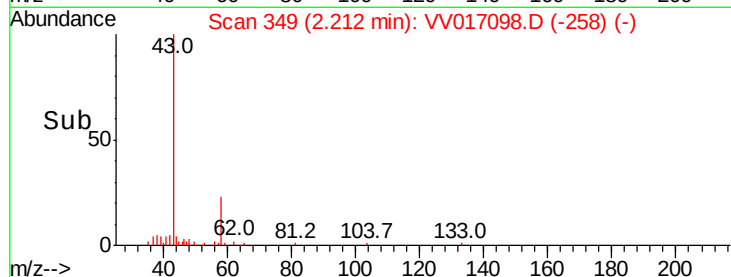
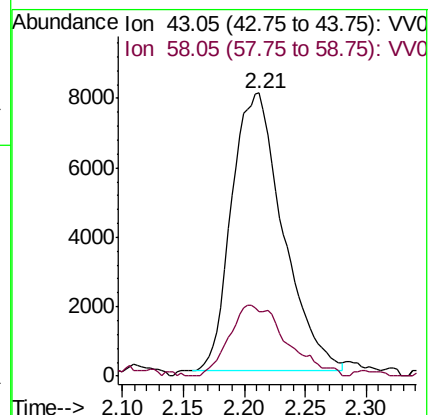
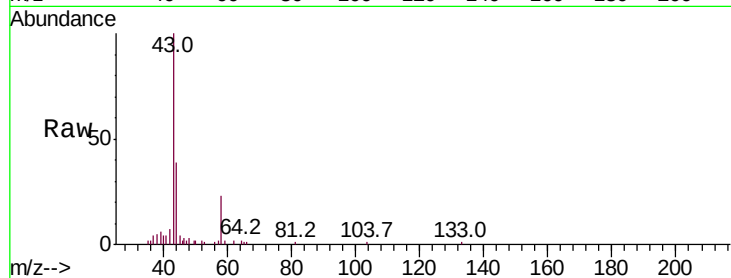
F9L51

Tot Ion: 43 Resp: 23500

Ion Ratio Lower Upper

43 100

58 28.3 0.0 58.4



#14

Carbon disulfide

Concen: 0.149 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV017098.D

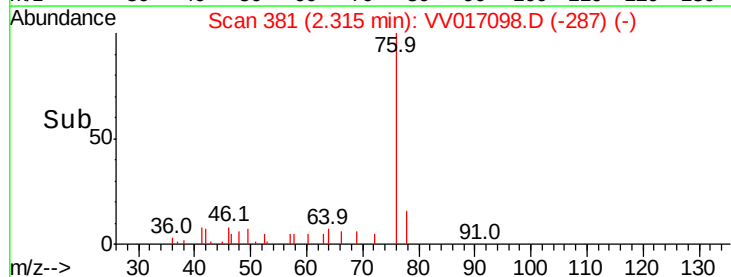
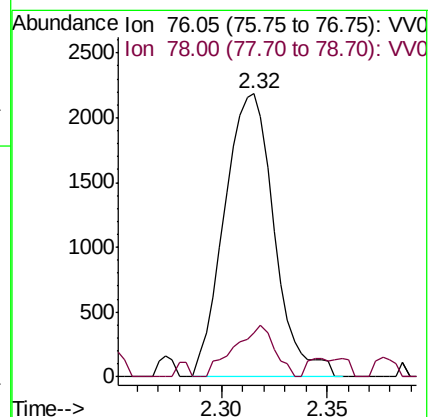
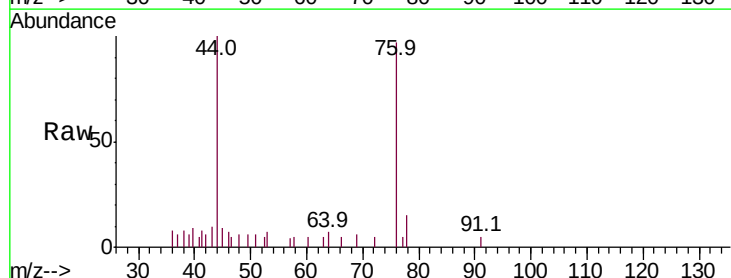
Acq: 25 Jun 2020 02:41

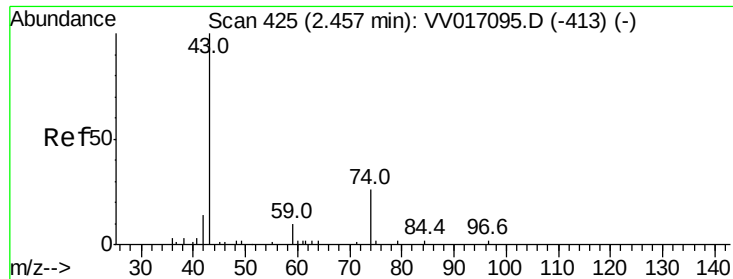
Tgt Ion: 76 Resp: 3585

Ion Ratio Lower Upper

76 100

78 15.6 7.7 11.5#

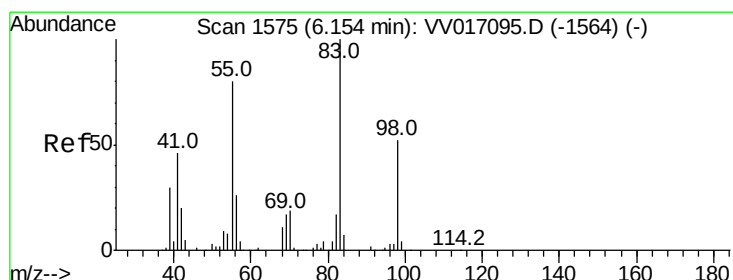
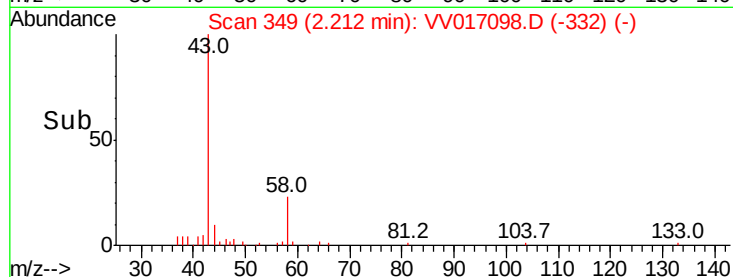
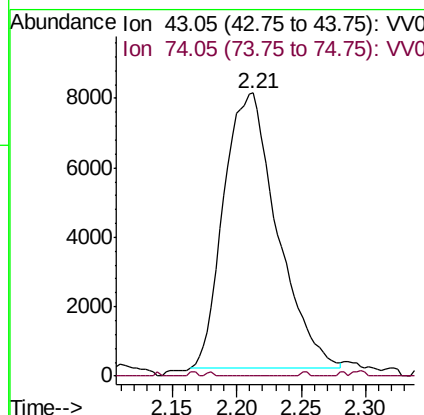
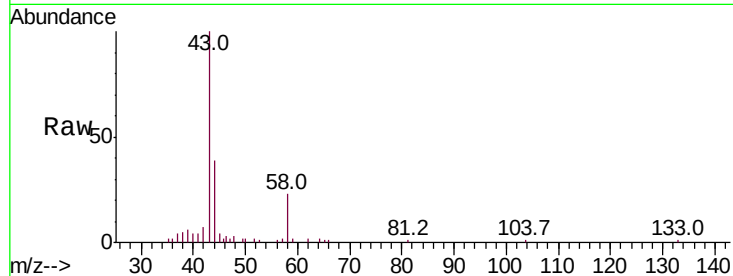




#15
Methvl Acetate
Concen: 7.226 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.24 min
Lab File: VV017098.D
Acq: 25 Jun 2020 02:41

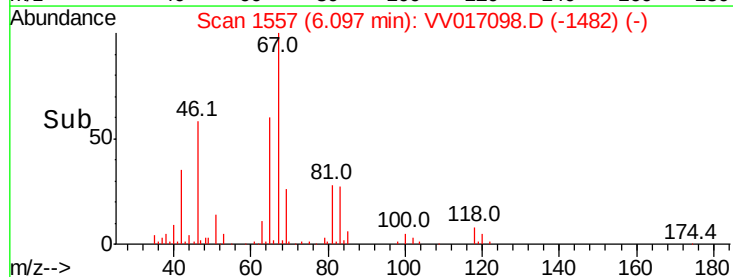
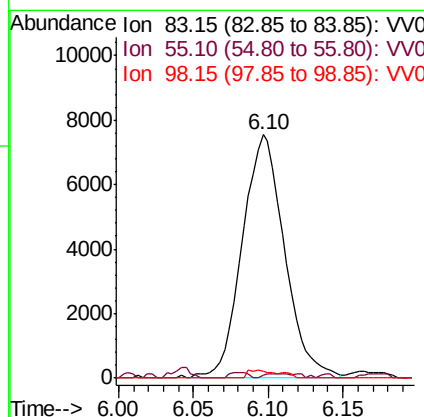
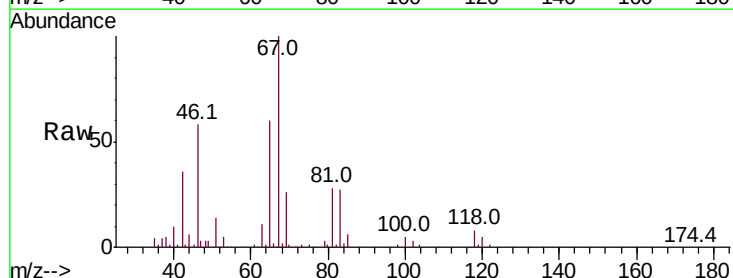
Instrument :
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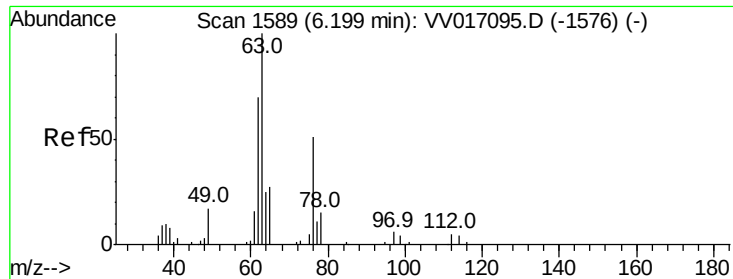
Tot Ion: 43 Resp: 22888
Ion Ratio Lower Upper
43 100
74 0.2 19.1 28.7#



#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV017098.D
Acq: 25 Jun 2020 02:41

Tgt Ion: 83 Resp: 14876
Ion Ratio Lower Upper
83 100
55 1.4 63.6 95.4#
98 2.4 38.8 58.2#

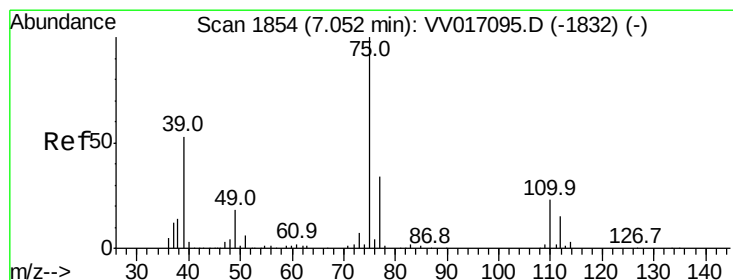
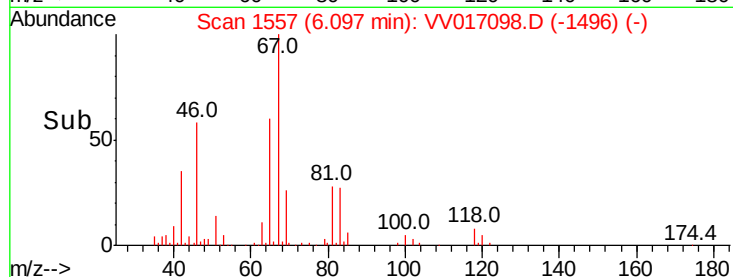
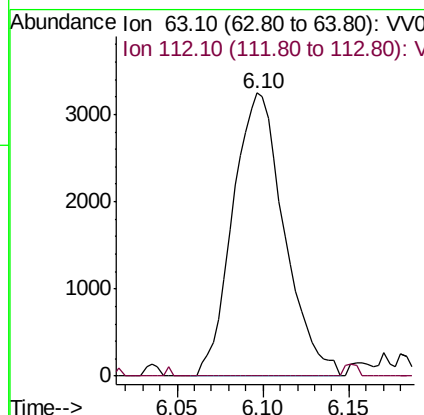
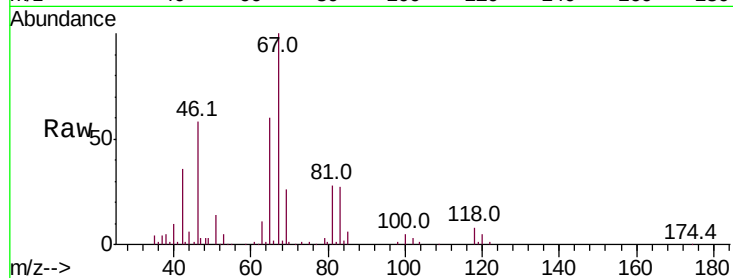




#37
 1,2-Dichloropropane
 Concen: 0.646 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017098.D
 Acq: 25 Jun 2020 02:41

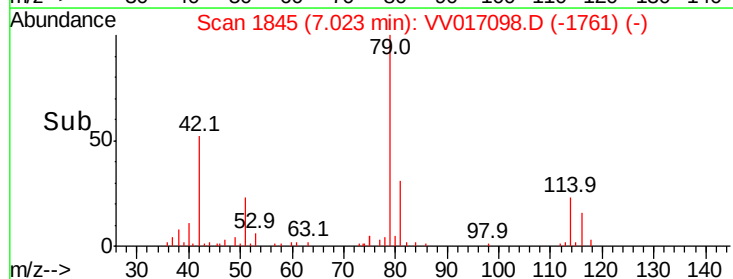
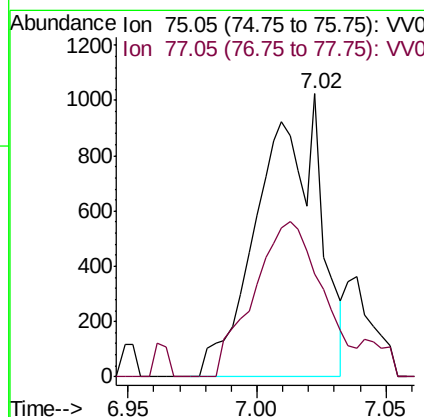
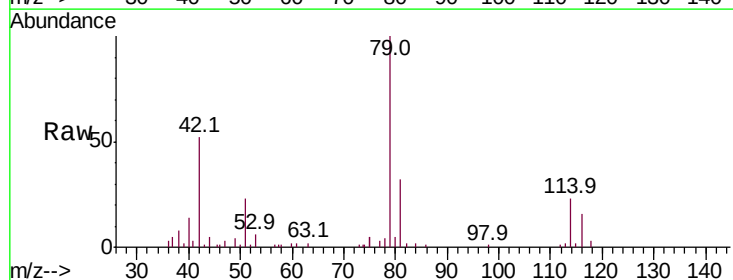
Instrument :
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 ClientSampleId :
 F9L51

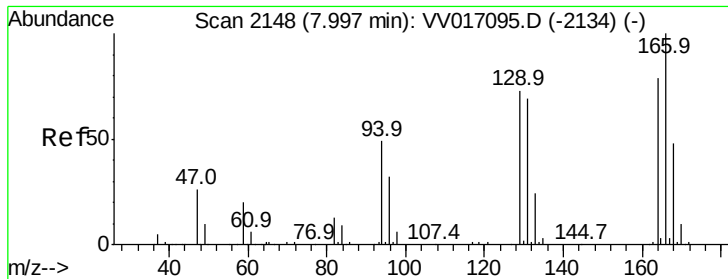
Tot Ion: 63 Resp: 6767
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.03 min
 Lab File: VV017098.D
 Acq: 25 Jun 2020 02:41

Tgt Ion: 75 Resp: 1678
 Ion Ratio Lower Upper
 75 100
 77 36.5 22.3 41.5





#49

Tetrachloroethene

Concen: 0.090 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017098.D

Acq: 25 Jun 2020 02:41

Instrument :

MSVOA_V

ClientSampleId :

F9L51

Tot Ion:164 Resp: 902

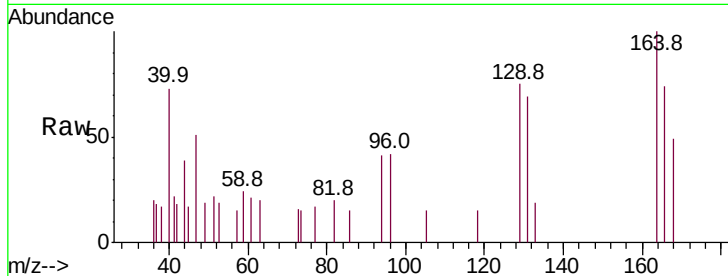
Ion Ratio Lower Upper

164 100

129 75.2 65.2 121.0

131 68.9 64.1 119.1

166 74.5 90.2 167.4#

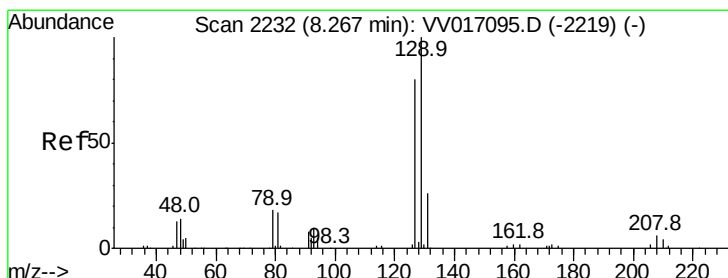
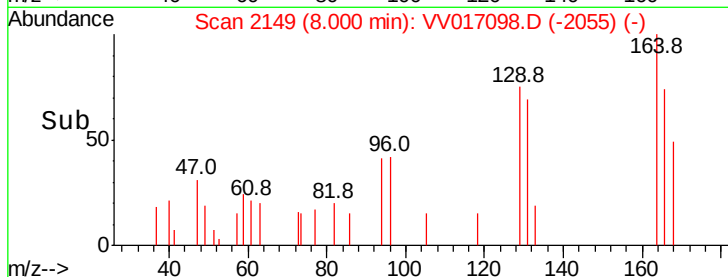
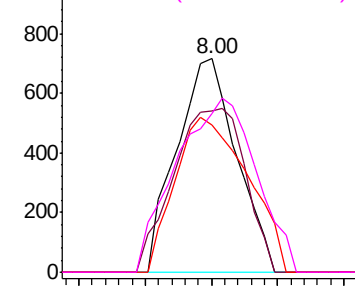


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Dibromochloromethane

Concen: 0.092 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. -0.26 min

Lab File: VV017098.D

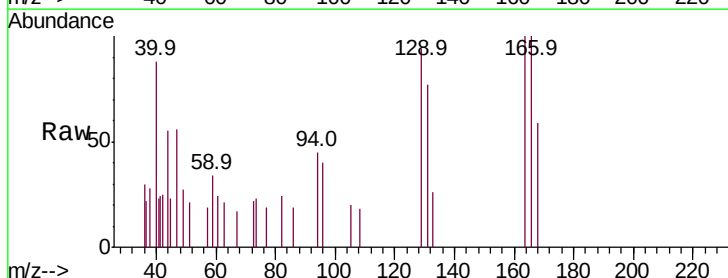
Acq: 25 Jun 2020 02:41

Tgt Ion:129 Resp: 827

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

