

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017331.D
 Acq On : 03 Jul 2020 01:25
 Operator : SY/MD
 Sample : L3121-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 06:21:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	158312	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	152665	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74265	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41560	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	32705	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.12	63	67759	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.95	46	95514	39.44	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.88%
24) Chloroform-d	4.38	84	93479	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.06	65	53647	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.07	84	173884	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.10	67	49292	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	7.34	98	158233	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
45) trans-1,3-Dichloropropene-	7.65	79	19809	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
48) 2-Hexanone-d5	8.11	63	63708	33.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.72%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34334	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	62802	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

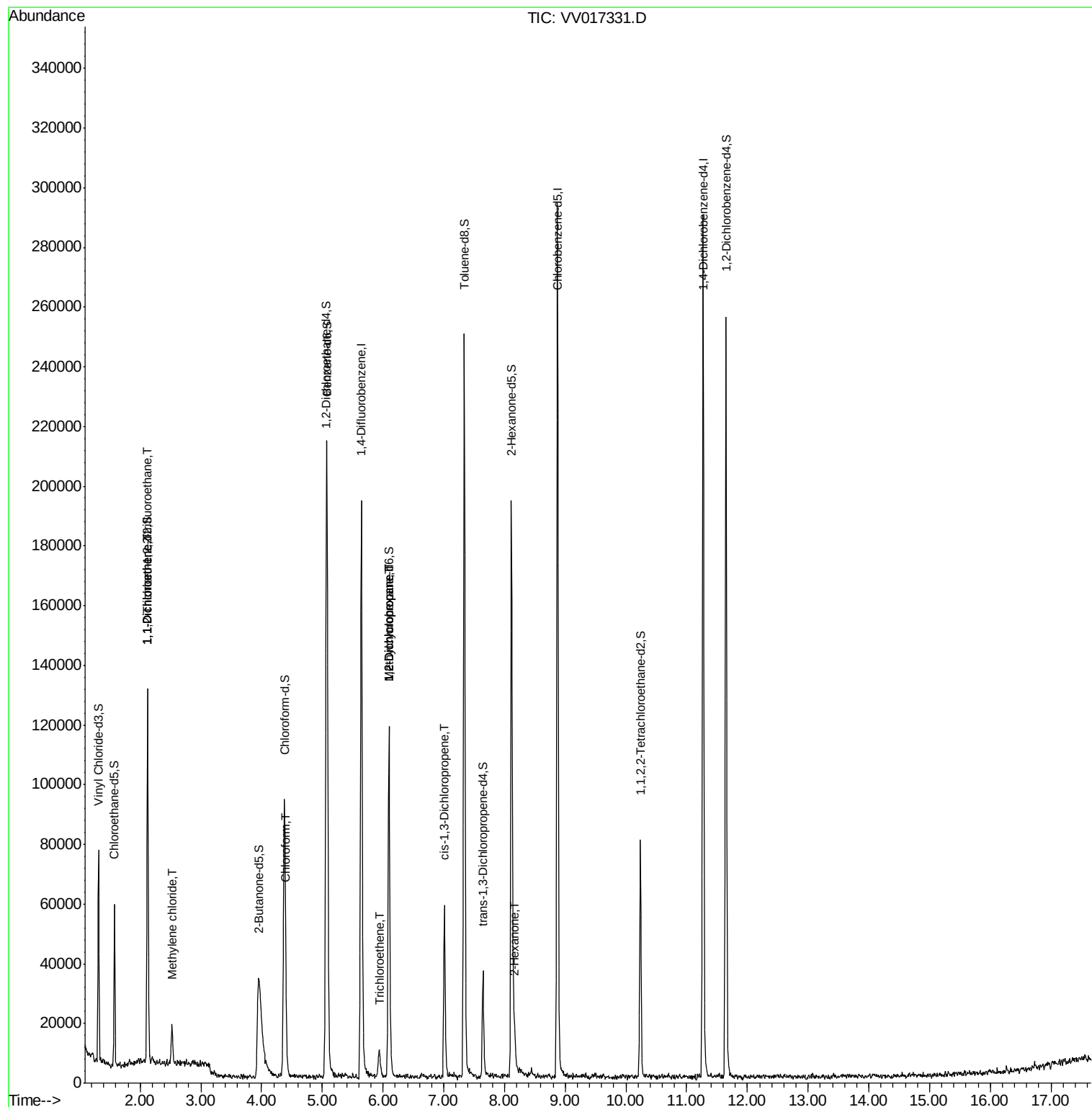
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	633	0.075	ug/L #	17
12) 1,1-Dichloroethene	2.12	96	699	0.092	ug/L #	1
16) Methylene chloride	2.52	84	5471	0.672	ug/L	98
25) Chloroform	4.41	83	3351	0.170	ug/L	98
34) Trichloroethene	5.94	95	1802	0.154	ug/L	94
35) Methylcyclohexane	6.09	83	13749	0.755	ug/L #	19
37) 1,2-Dichloropropane	6.10	63	6382	0.645	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1967	0.134	ug/L #	76
50) 2-Hexanone	8.17	43	6188	1.522	ug/L #	90

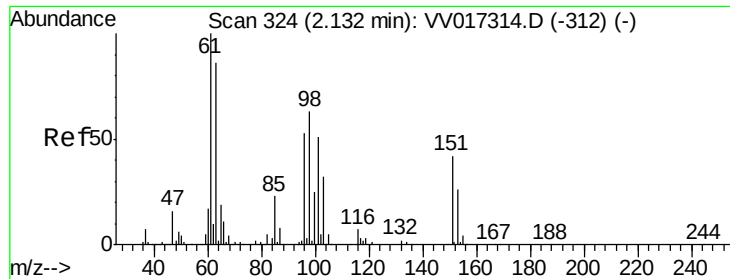
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.075 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017331.D

Acq: 03 Jul 2020 01:25

Instrument :
MSVOA_V
ClientSampled :

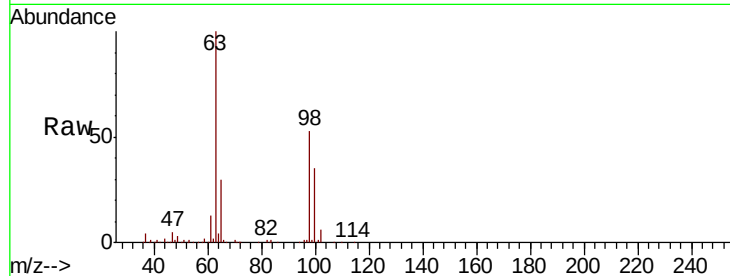
Tot Ion:101 Resp: 633

Ion Ratio Lower Upper

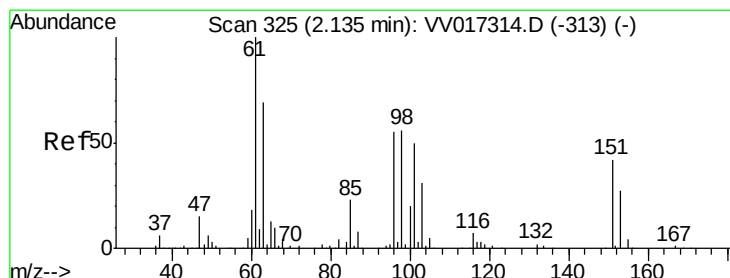
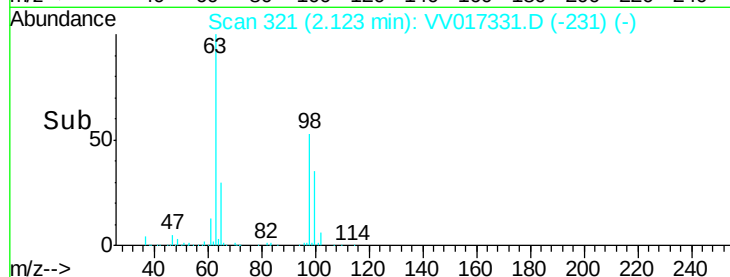
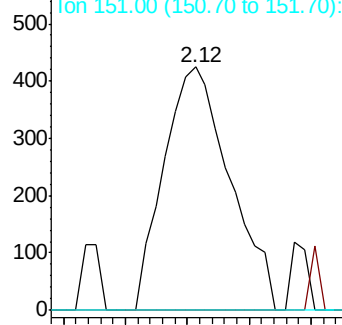
101 100

85 0.0 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: 0.092 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017331.D

Acq: 03 Jul 2020 01:25

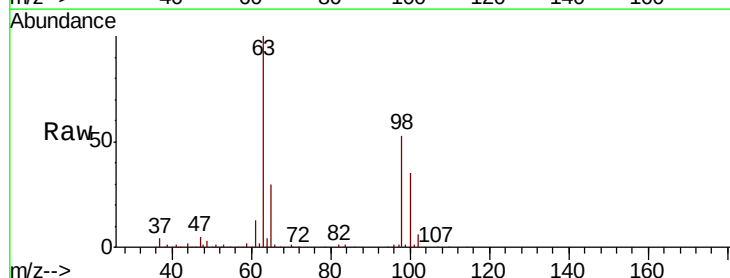
Tgt Ion: 96 Resp: 699

Ion Ratio Lower Upper

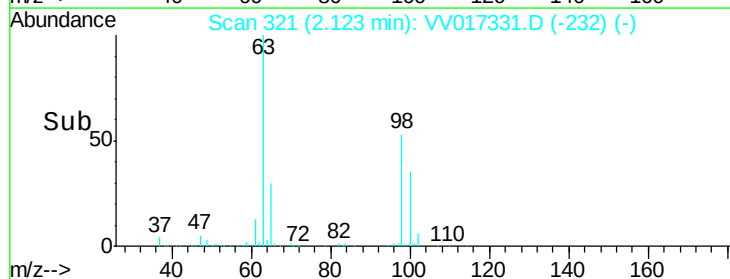
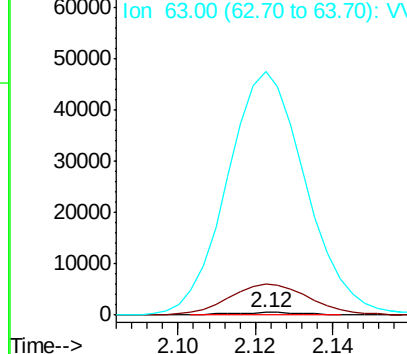
96 100

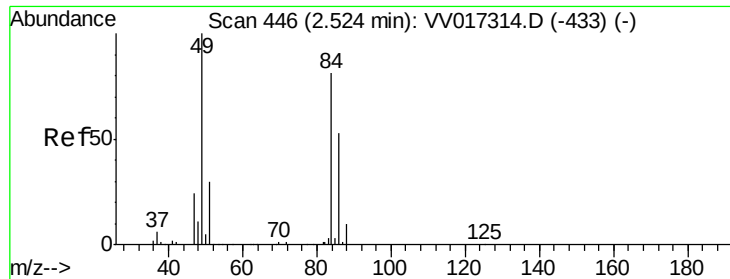
61 1117.7 125.0 232.2#

63 8685.9 109.8 203.8#



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

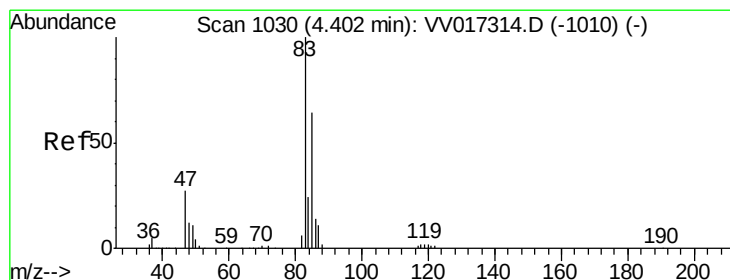
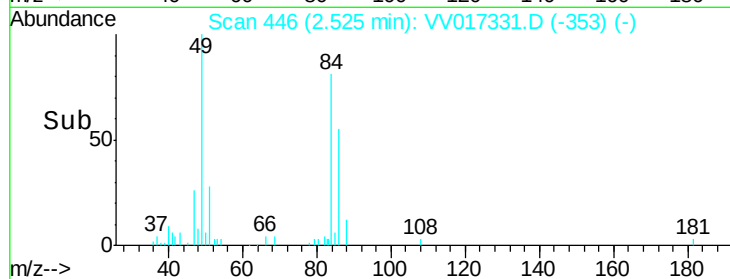
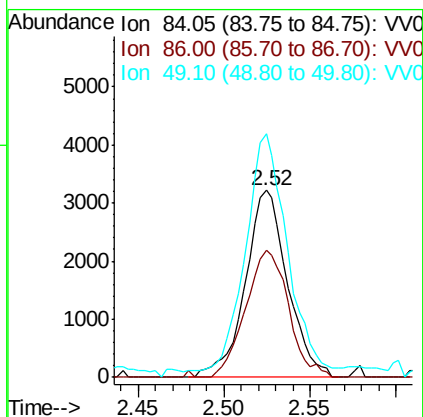
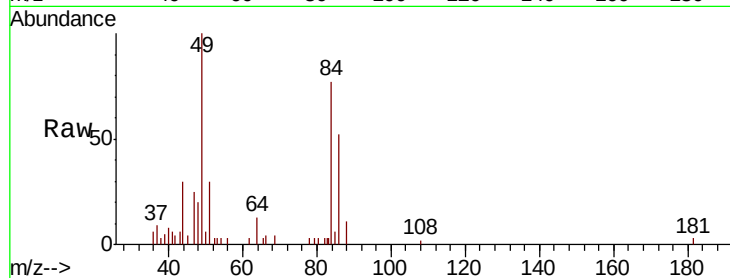




#16
Methylene chloride
Concen: 0.672 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017331.D
Acq: 03 Jul 2020 01:25

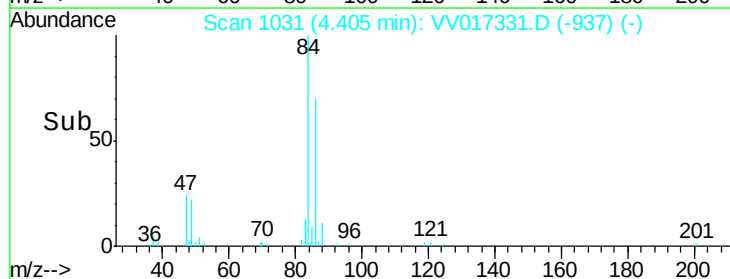
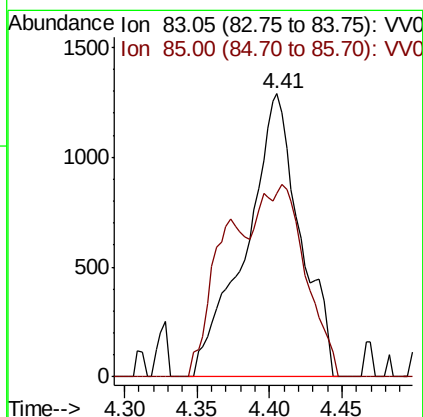
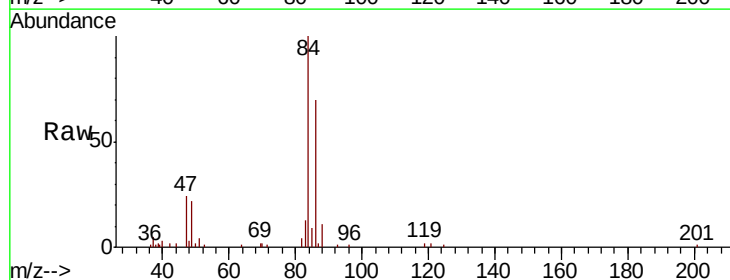
Instrument :
MSVOA_V
ClientSampled :

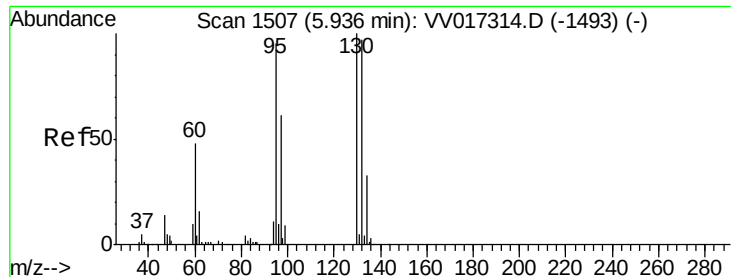
Tot Ion: 84 Resp: 5471
Ion Ratio Lower Upper
84 100
86 68.0 45.8 85.0
49 130.3 89.6 166.4



#25
Chloroform
Concen: 0.170 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017331.D
Acq: 03 Jul 2020 01:25

Tgt Ion: 83 Resp: 3351
Ion Ratio Lower Upper
83 100
85 65.1 44.2 82.2

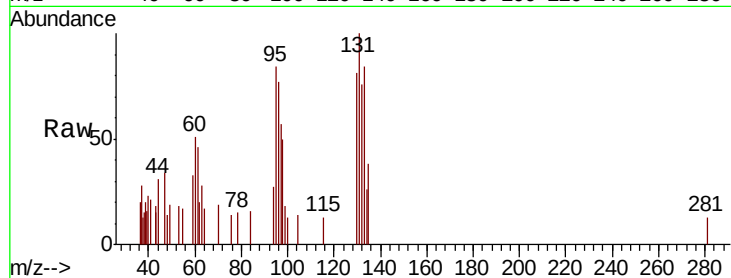




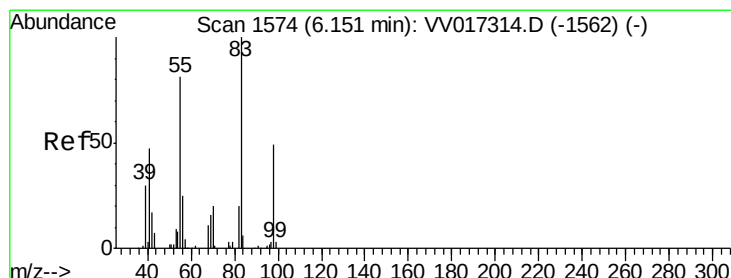
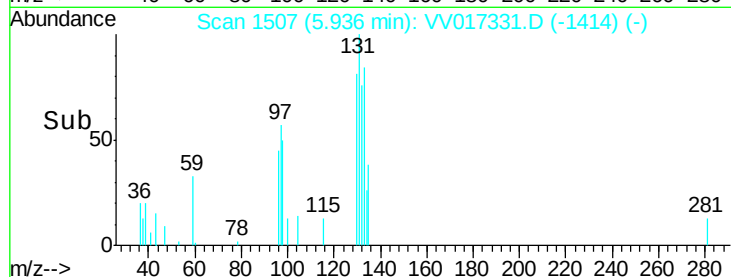
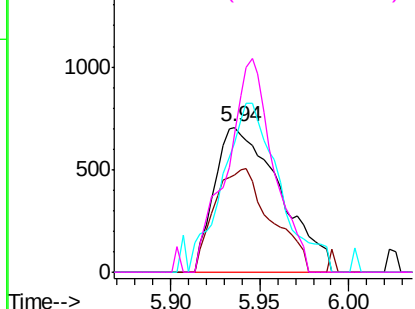
#34
 Trichloroethene
 Concen: 0.154 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV017331.D
 Acq: 03 Jul 2020 01:25

Instrument :
 MSVOA_V
 ClientSampleID :

Tot Ion: 95 Resp: 1802
 Ion Ratio Lower Upper
 95 100
 97 67.1 45.3 84.1
 132 89.5 68.8 127.8
 130 95.5 70.2 130.4

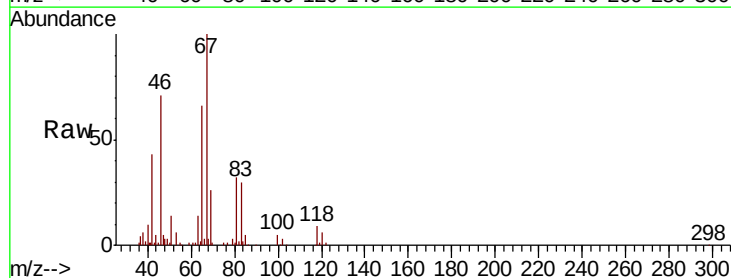


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

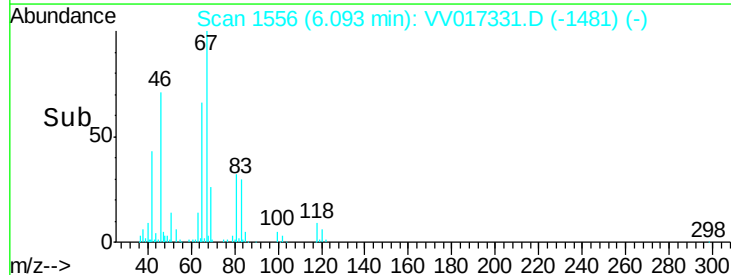
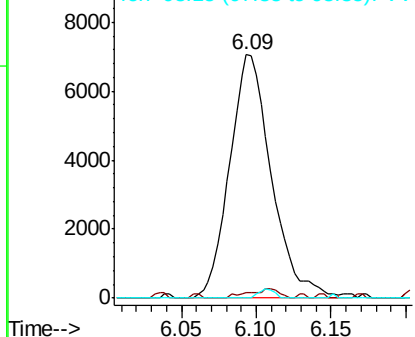


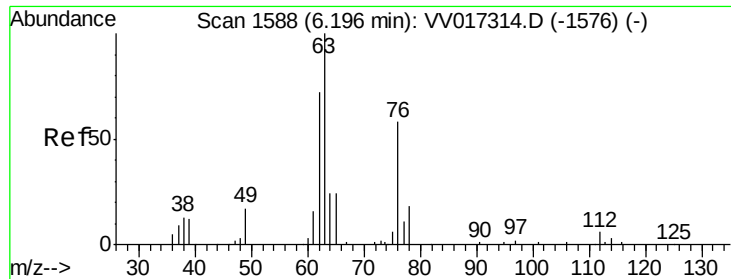
#35
 Methylcyclohexane
 Concen: 0.755 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV017331.D
 Acq: 03 Jul 2020 01:25

Tgt Ion: 83 Resp: 13749
 Ion Ratio Lower Upper
 83 100
 55 2.7 63.6 95.4#
 98 1.4 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: 0.645 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV017331.D

Acq: 03 Jul 2020 01:25

Instrument :

MSVOA_V

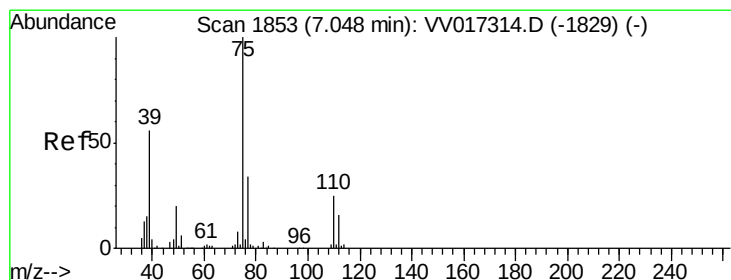
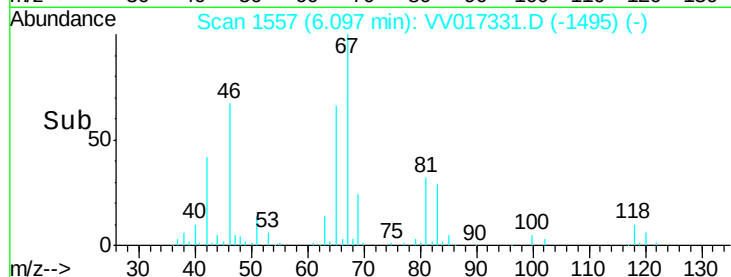
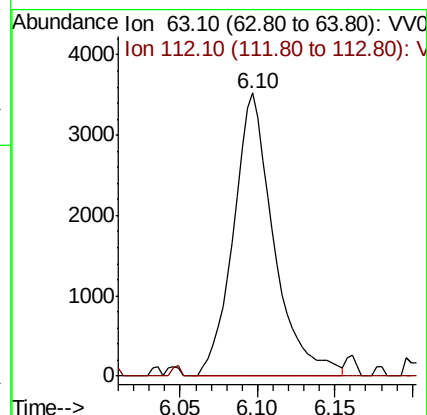
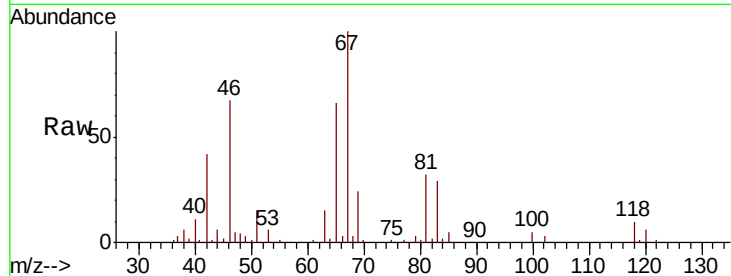
ClientSampled :

Tot Ion: 63 Resp: 6382

Ion Ratio Lower Upper

63 100

112 0.7 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.134 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV017331.D

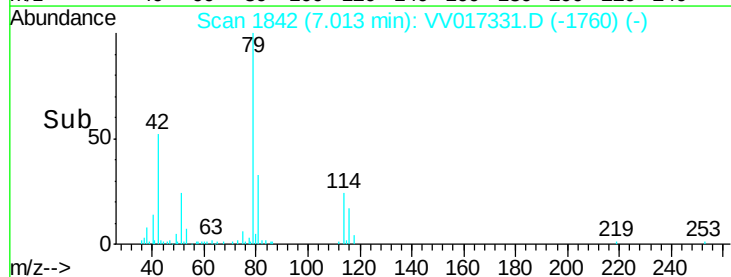
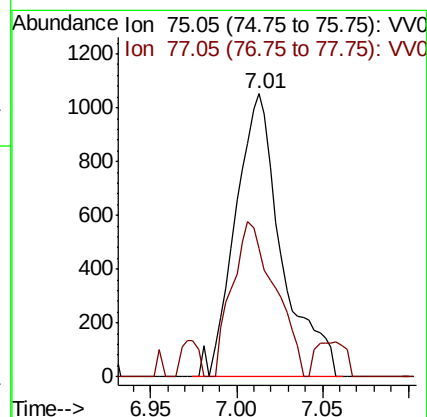
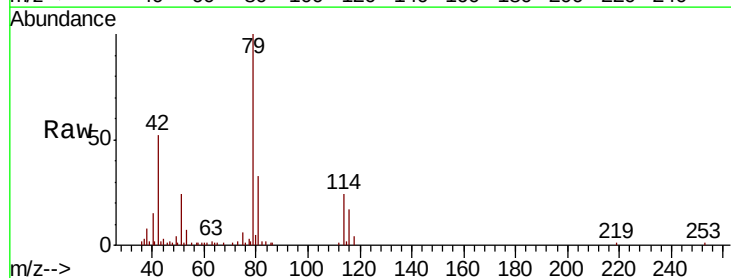
Acq: 03 Jul 2020 01:25

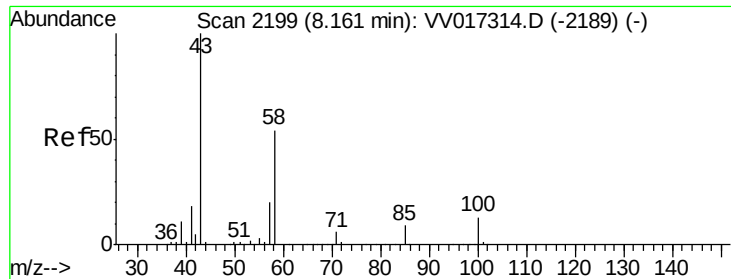
Tgt Ion: 75 Resp: 1967

Ion Ratio Lower Upper

75 100

77 45.4 22.3 41.5#





#50

2-Hexanone

Concen: 1.522 ug/L

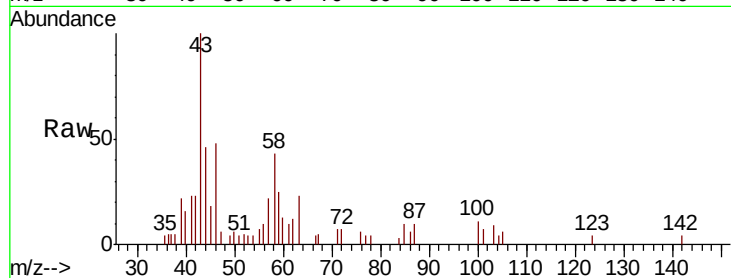
RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017331.D

Acq: 03 Jul 2020 01:25

Instrument :
MSVOA_V
ClientSampleId :



Tot Ion:	43	Resp:	6188
Ion	Ratio	Lower	Upper
43	100		
58	43.6	41.6	62.4
57	15.3	15.4	23.0#
100	10.7	10.1	15.1

