

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017332.D
 Acq On : 03 Jul 2020 01:49
 Operator : SY/MD
 Sample : L3132-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 06:21:33 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	156727	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	151193	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72113	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45794	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	36729	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.12	63	73327	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	3.96	46	102266	42.66	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.32%
24) Chloroform-d	4.38	84	100915	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.06	65	57930	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.07	84	187036	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.10	67	52399	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.34	98	172359	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
45) trans-1,3-Dichloropropene-	7.65	79	22009	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
48) 2-Hexanone-d5	8.12	63	70086	37.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.22%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36369	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	67088	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

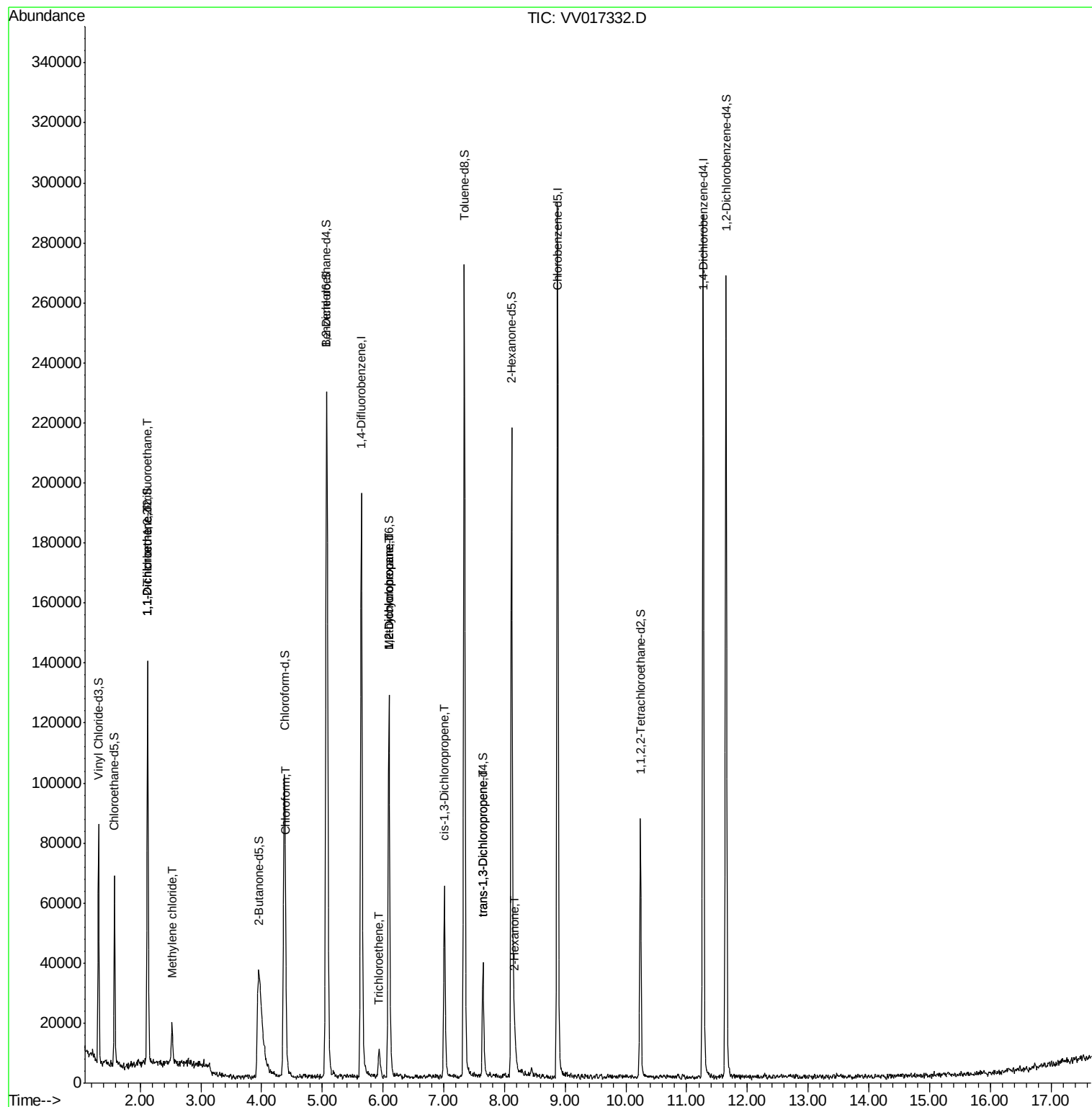
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	617	0.074	ug/L #	27
12) 1,1-Dichloroethene	2.12	96	894	0.119	ug/L #	1
16) Methylene chloride	2.53	84	5335	0.662	ug/L	97
25) Chloroform	4.40	83	3528	0.180	ug/L	86
34) Trichloroethene	5.95	95	1723	0.149	ug/L	88
35) Methylcyclohexane	6.10	83	14836	0.823	ug/L #	19
37) 1,2-Dichloropropane	6.10	63	7667	0.782	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1885	0.129	ug/L #	73
46) trans-1,3-Dichloropropene	7.64	75	1181	0.094	ug/L	90
50) 2-Hexanone	8.17	43	7743	1.923	ug/L #	68

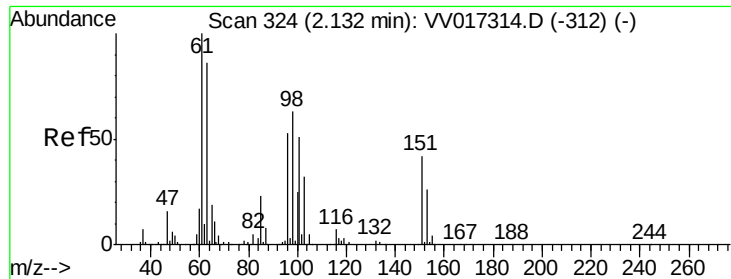
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.074 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017332.D

Acq: 03 Jul 2020 01:49

Instrument :

MSVOA_V

ClientSampled :

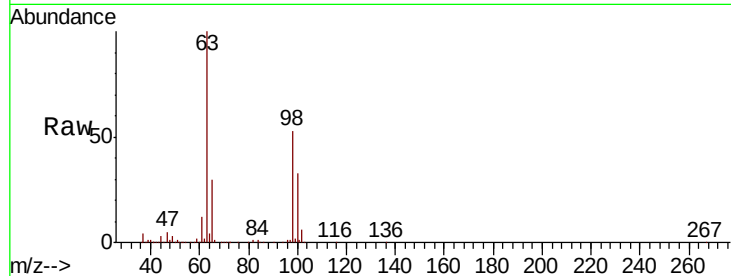
Tot Ion:101 Resp: 617

Ion Ratio Lower Upper

101 100

85 3.9 35.4 53.2#

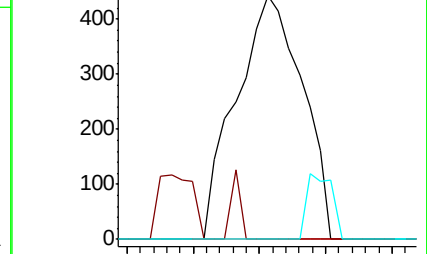
151 10.4 63.9 95.9#



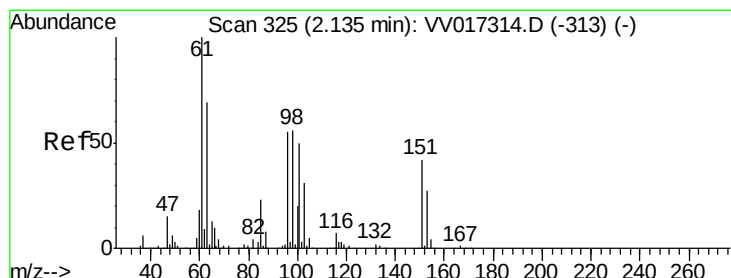
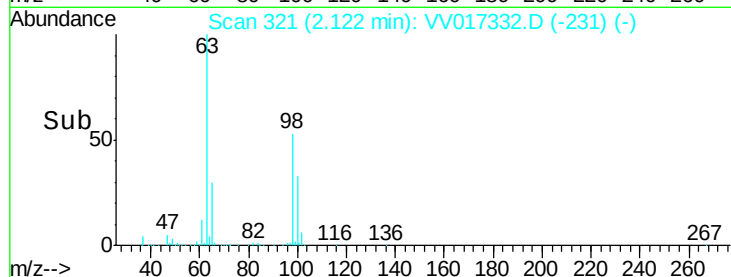
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.119 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017332.D

Acq: 03 Jul 2020 01:49

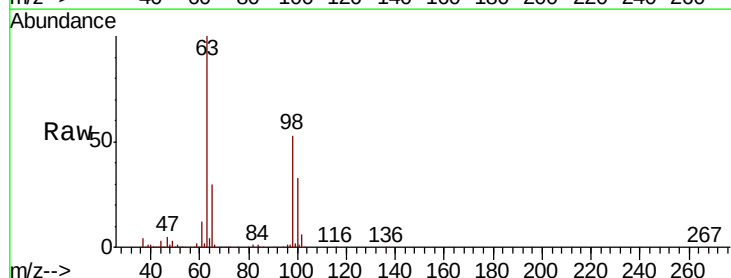
Tgt Ion: 96 Resp: 894

Ion Ratio Lower Upper

96 100

61 1186.6 125.0 232.2#

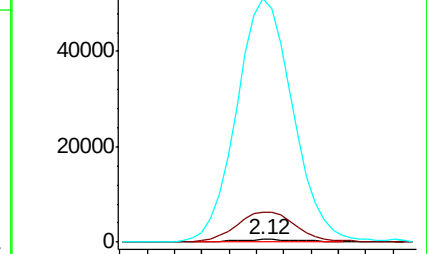
63 9518.1 109.8 203.8#



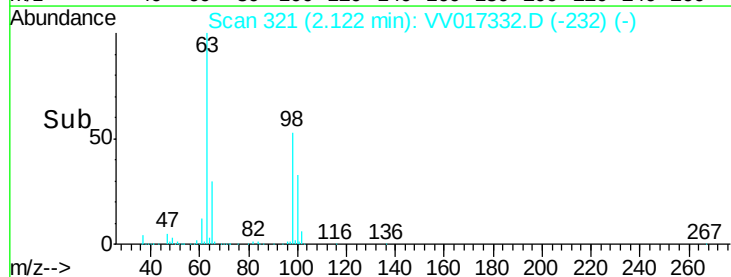
Abundance Ion 96.00 (95.70 to 96.70): VV0

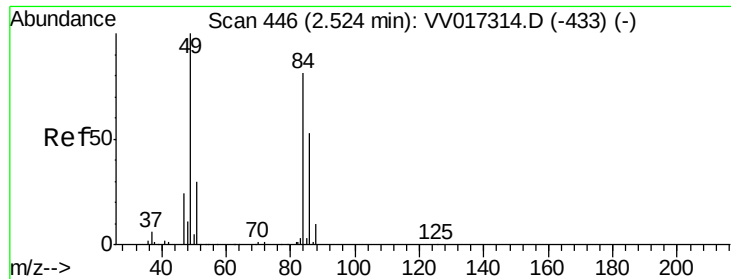
Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->

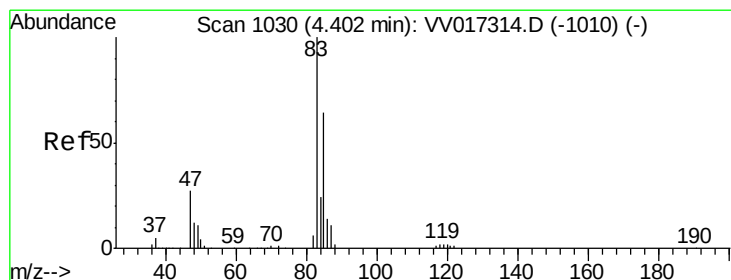
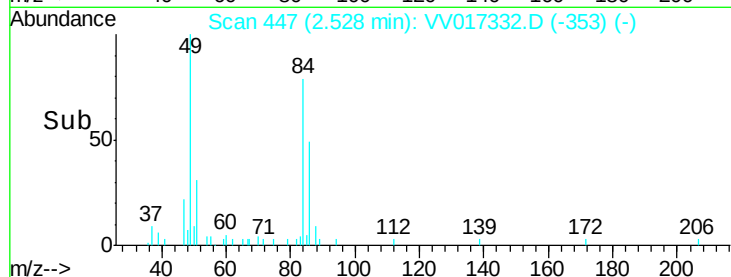
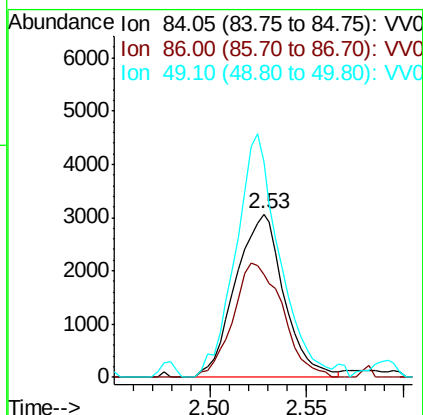
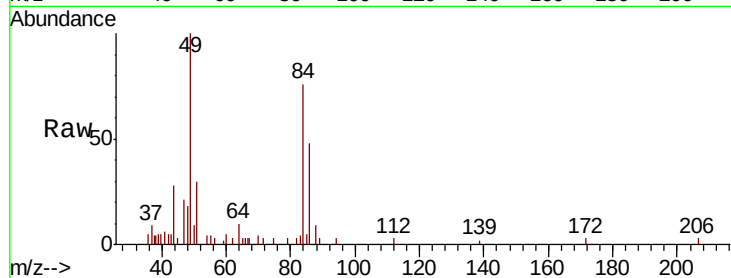




#16
Methylene chloride
Concen: 0.662 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV017332.D
Acq: 03 Jul 2020 01:49

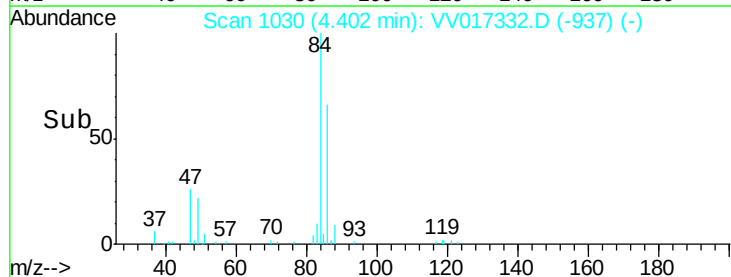
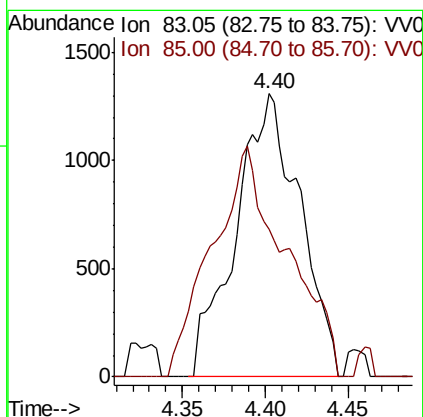
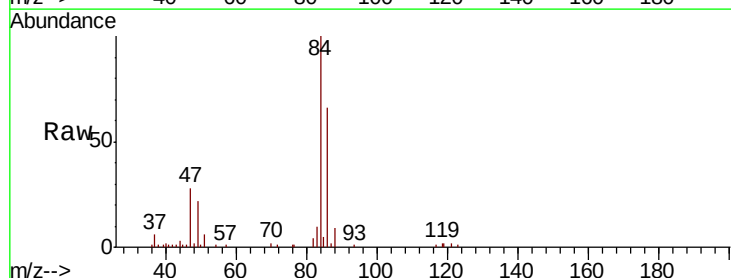
Instrument :
MSVOA_V
ClientSampled :

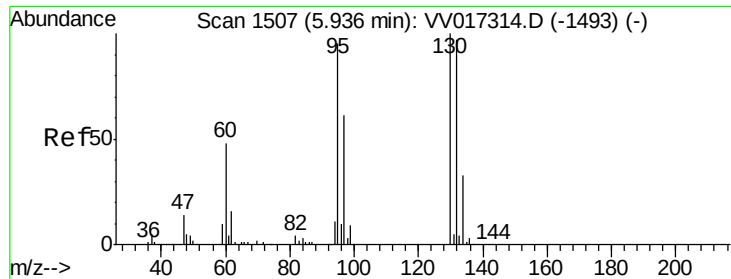
Tot Ion: 84 Resp: 5335
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.0
49 131.7 89.6 166.4



#25
Chloroform
Concen: 0.180 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV017332.D
Acq: 03 Jul 2020 01:49

Tgt Ion: 83 Resp: 3528
Ion Ratio Lower Upper
83 100
85 52.3 44.2 82.2

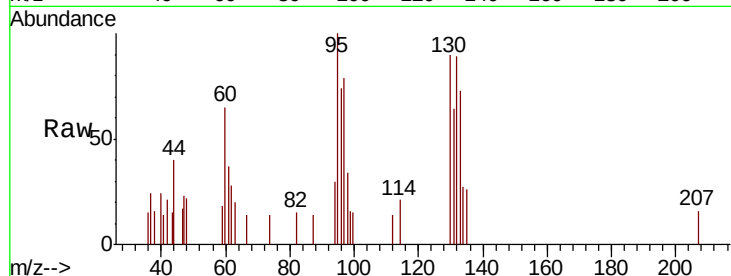




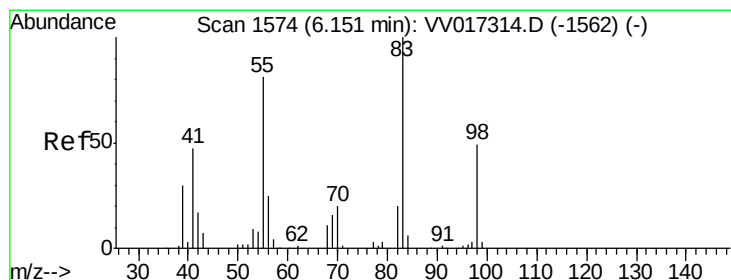
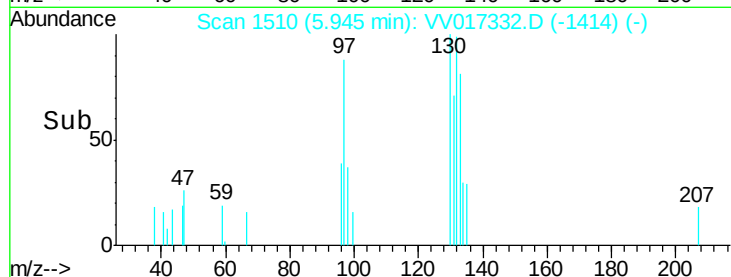
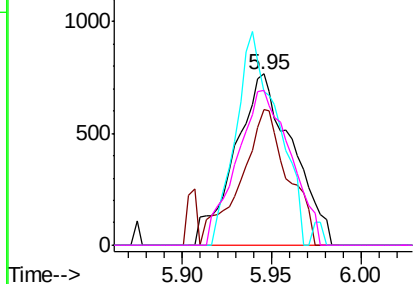
#34
 Trichloroethene
 Concen: 0.149 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV017332.D
 Acq: 03 Jul 2020 01:49

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:	95	Resp:	1723
Ion	Ratio	Lower	Upper
95	100		
97	79.5	45.3	84.1
132	89.4	68.8	127.8
130	90.5	70.2	130.4

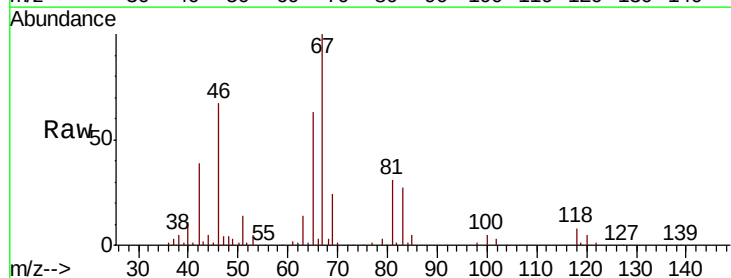


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

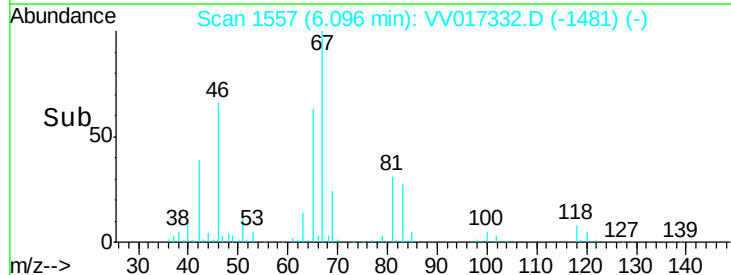
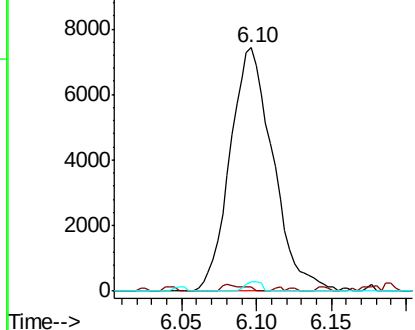


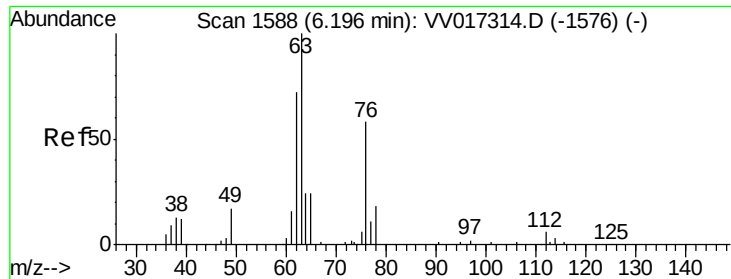
#35
 Methylcyclohexane
 Concen: 0.823 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV017332.D
 Acq: 03 Jul 2020 01:49

Tgt Ion:	83	Resp:	14836
Ion	Ratio	Lower	Upper
83	100		
55	1.3	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

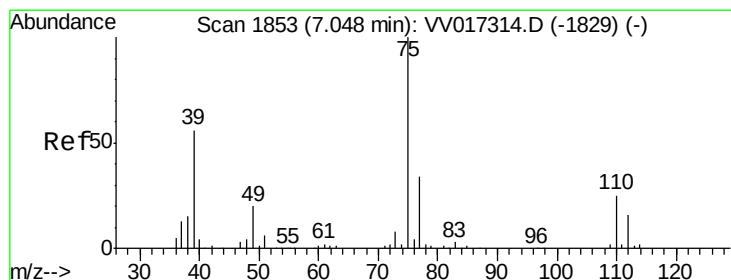
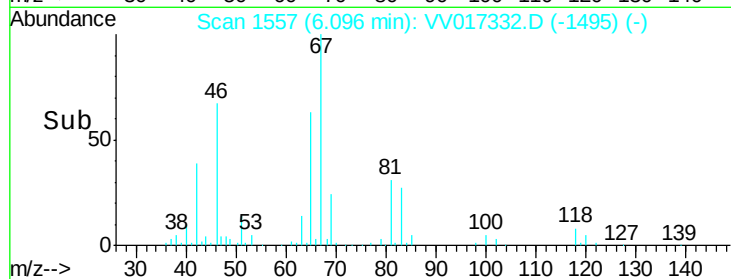
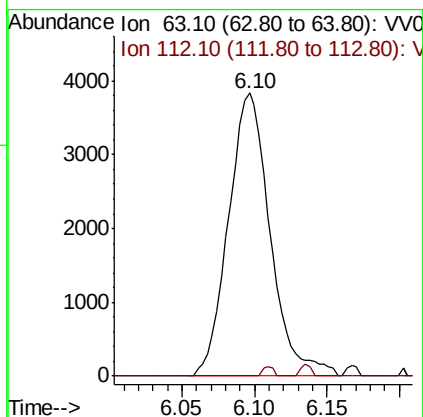
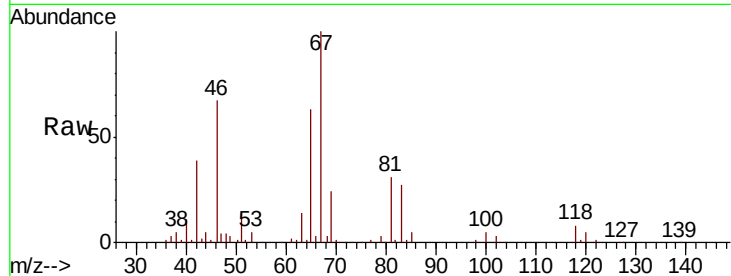




#37
 1,2-Dichloropropane
 Concen: 0.782 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017332.D
 Acq: 03 Jul 2020 01:49

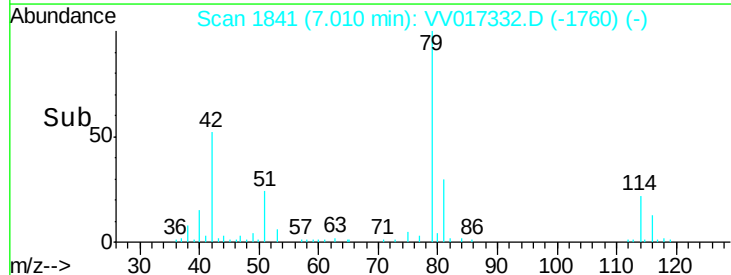
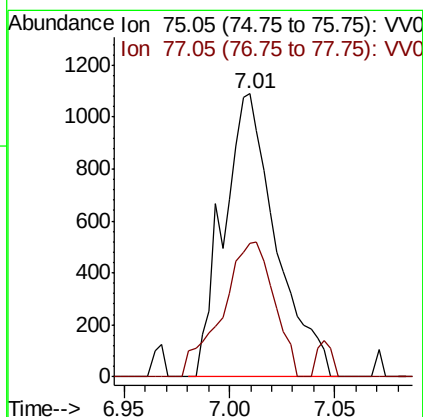
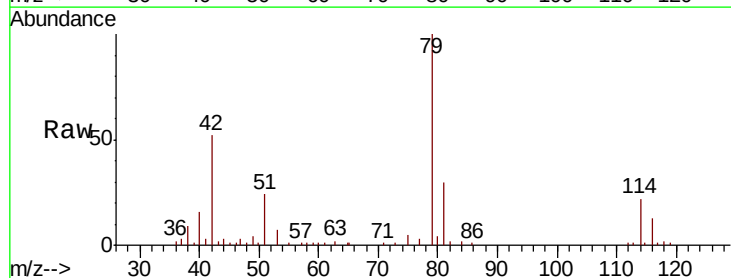
Instrument :
 MSVOA_V
 ClientSampleId :

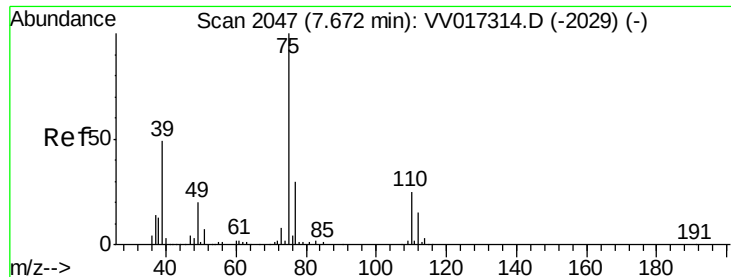
Tot Ion: 63 Resp: 7667
 Ion Ratio Lower Upper
 63 100
 112 0.9 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017332.D
 Acq: 03 Jul 2020 01:49

Tgt Ion: 75 Resp: 1885
 Ion Ratio Lower Upper
 75 100
 77 47.1 22.3 41.5#





#46

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017332.D

Acq: 03 Jul 2020 01:49

Instrument :

MSVOA_V

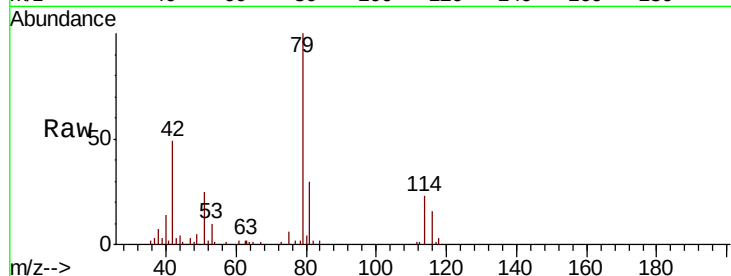
ClientSampleId :

Tot Ion: 75 Resp: 1181

Ion Ratio Lower Upper

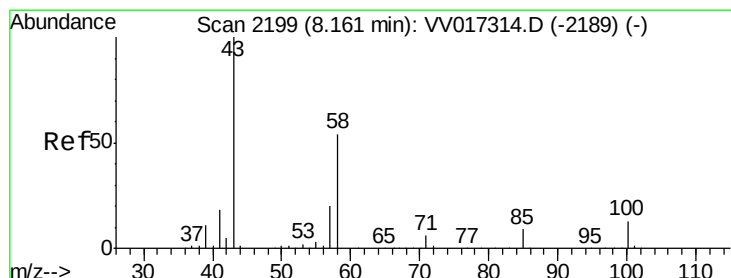
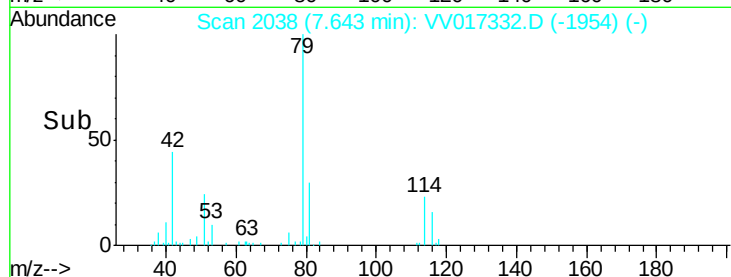
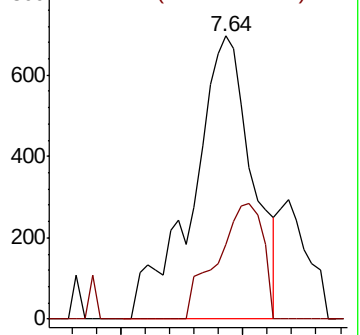
75 100

77 26.3 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: 1.923 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017332.D

Acq: 03 Jul 2020 01:49

Tgt Ion: 43 Resp: 7743

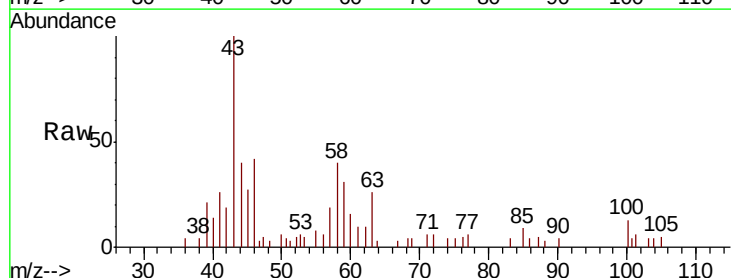
Ion Ratio Lower Upper

43 100

58 20.7 41.6 62.4#

57 12.6 15.4 23.0#

100 9.3 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

