

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017209.D
 Acq On : 27 Jun 2020 03:07
 Operator : SY/MD
 Sample : L3132-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 03:34:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352297	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327437	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149928	50.00	ug/L	0.00

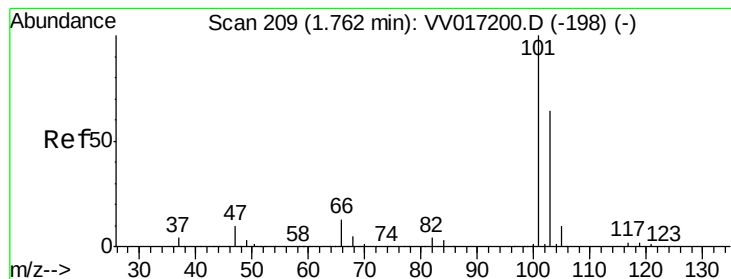
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93578	37.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.28%
7) Chloroethane-d5	1.58	69	63527	42.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.18%
11) 1,1-Dichloroethene-d2	2.12	63	144262	34.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.12%
21) 2-Butanone-d5	3.91	46	145581	79.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.12%
24) Chloroform-d	4.38	84	213161	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
26) 1,2-Dichloroethane-d4	5.06	65	159848	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
32) Benzene-d6	5.08	84	405181	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
36) 1,2-Dichloropropane-d6	6.09	67	121228	41.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.40%
41) Toluene-d8	7.34	98	368198	42.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.02%
43) trans-1,3-Dichloropropene-	7.64	79	60294	39.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.70%
47) 2-Hexanone-d5	8.11	63	94354	73.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	155850	40.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	150830	47.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.28%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.76	101	8807	2.343 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1425	0.761 ug/L #	21
13) Acetone	2.19	43	2481	2.047 ug/L	99
34) Trichloroethene	5.95	95	2719	1.046 ug/L	87
35) Methylcyclohexane	6.09	83	32757	8.036 ug/L #	17
46) Tetrachloroethene	8.00	164	24668	12.072 ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	2867	0.593 ug/L	94

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



#9

Trichlorofluoromethane

Concen: 2.343 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV017209.D

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Instrument :

MSVOA_V

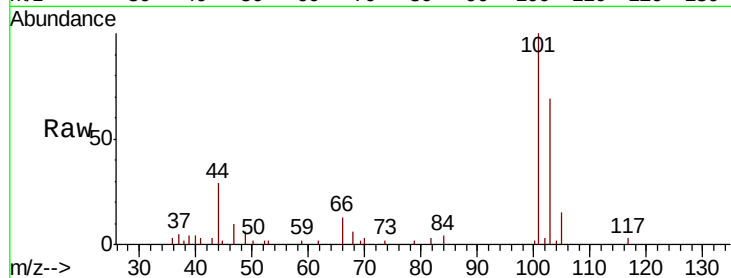
ClientSampleId :

Tot Ion:101 Resp: 8807

Ion Ratio Lower Upper

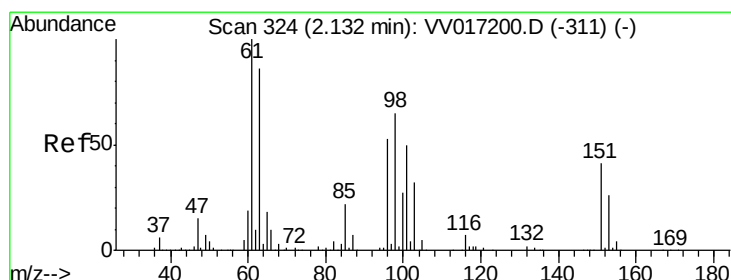
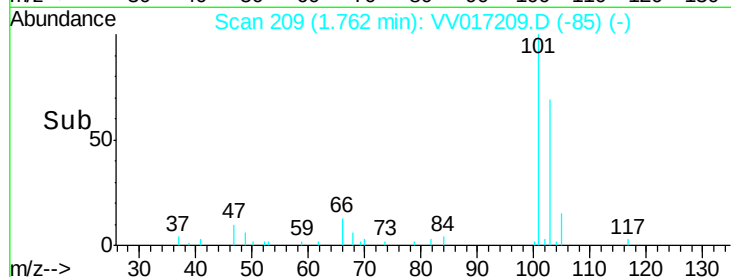
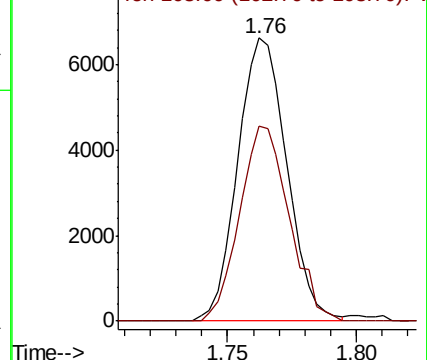
101 100

103 69.5 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.761 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017209.D

Acq: 27 Jun 2020 03:07

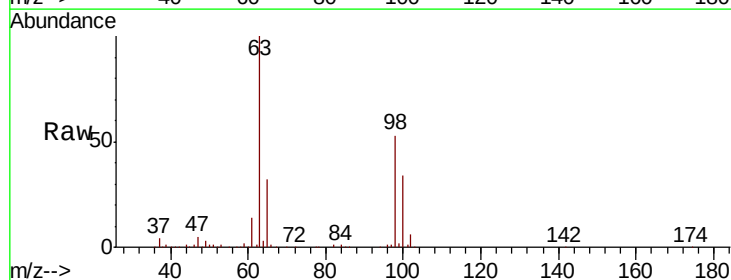
Tgt Ion:101 Resp: 1425

Ion Ratio Lower Upper

101 100

85 6.7 35.5 53.3#

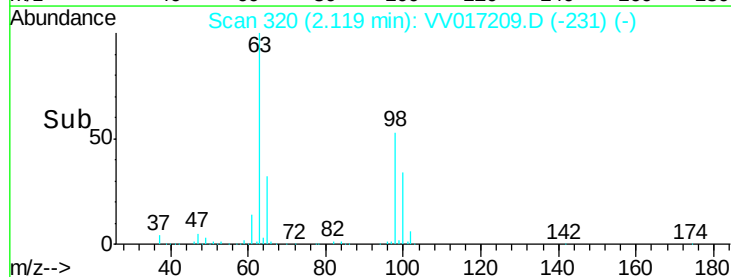
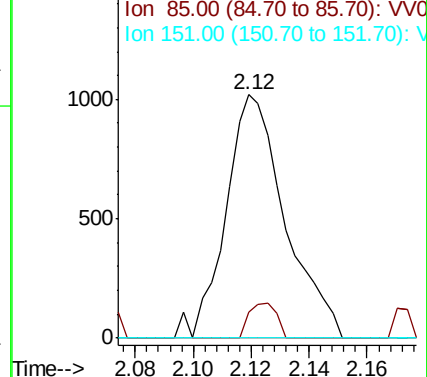
151 0.0 63.9 95.9#

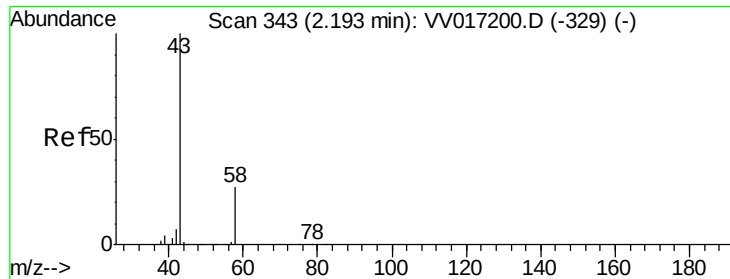


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 2.047 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV017209.D

Acq: 27 Jun 2020 03:07

Instrument :

MSVOA_V

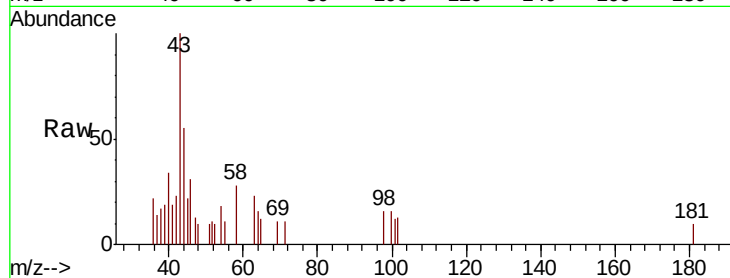
ClientSampleId :

Tot Ion: 43 Resp: 2481

Ion Ratio Lower Upper

43 100

58 27.3 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017200.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017200.D (-329) (-)

2.19

1200

1000

800

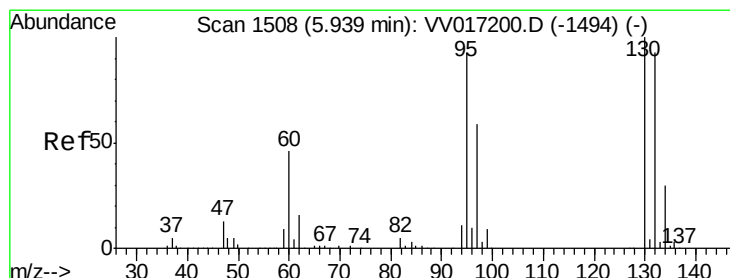
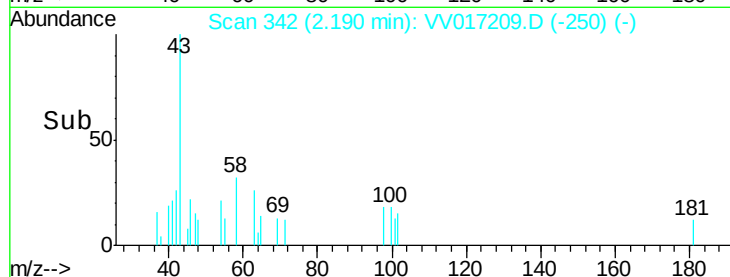
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 1.046 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VV017209.D

Acq: 27 Jun 2020 03:07

Tgt Ion: 95 Resp: 2719

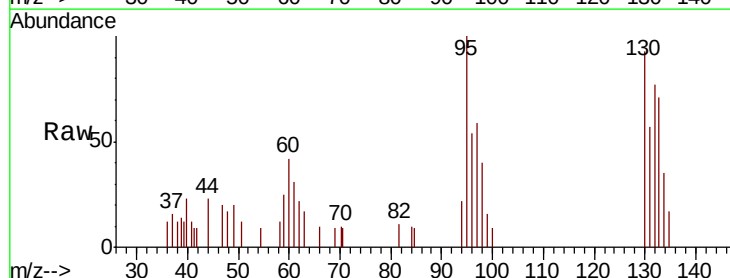
Ion Ratio Lower Upper

95 100

97 59.3 44.3 82.3

132 77.0 67.9 126.1

130 92.6 72.2 134.2



Abundance Ion 95.00 (94.70 to 95.70): VV017200.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017200.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017200.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017200.D (-1494) (-)

5.95

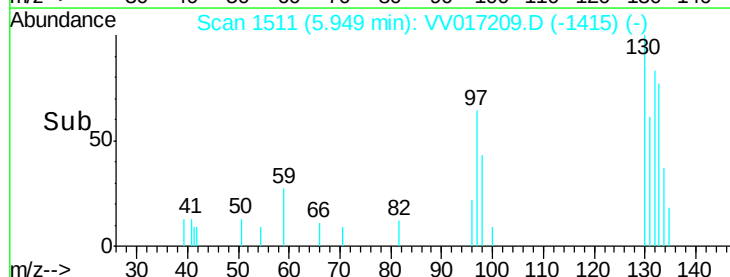
1500

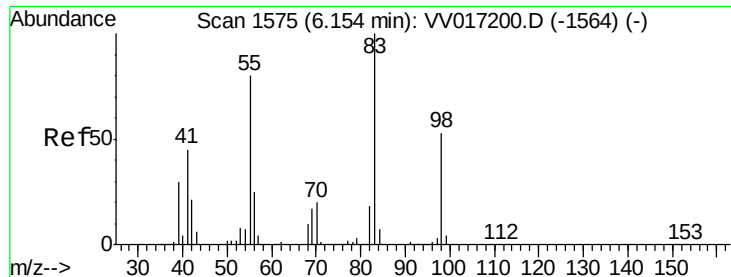
1000

500

0

Time-->

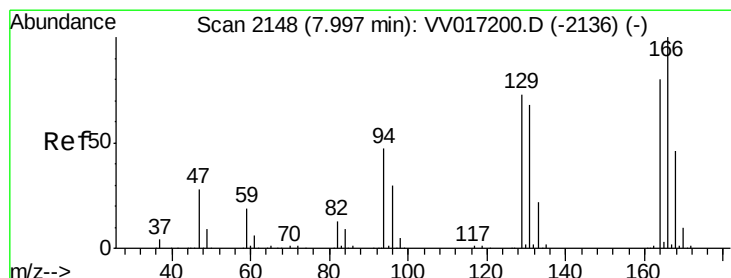
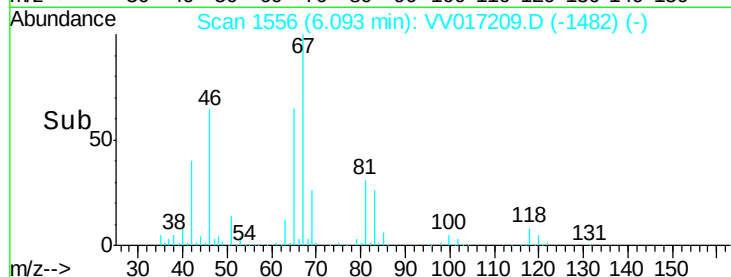
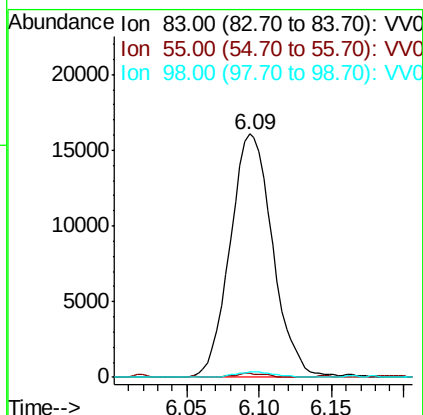
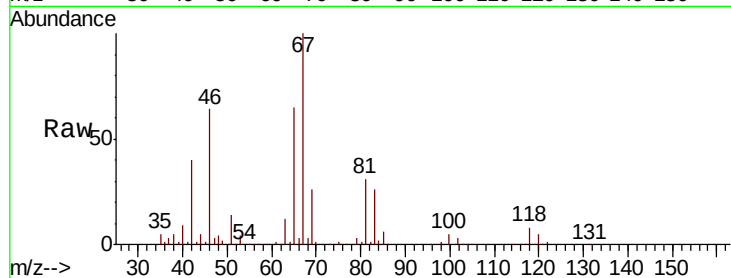




#35
Methylvlcyclohexane
Concen: 8.036 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017209.D
Acq: 27 Jun 2020 03:07

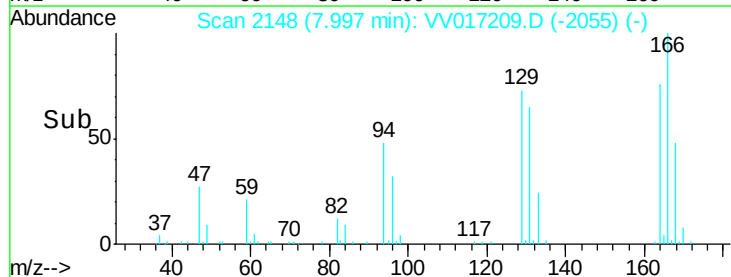
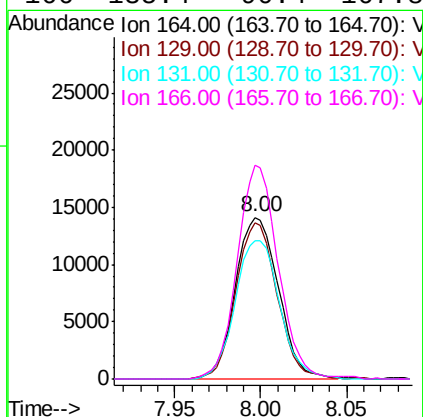
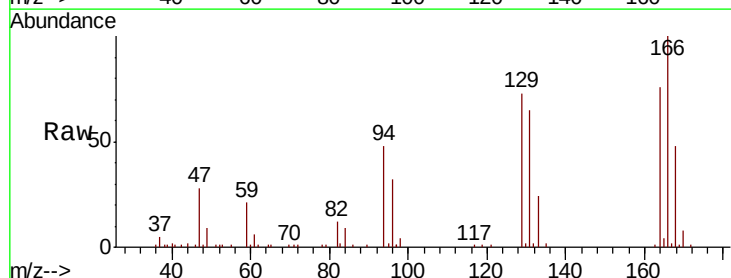
Instrument :
MSVOA_V
ClientSampleId :

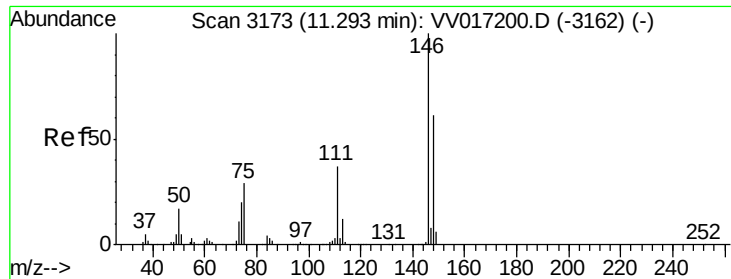
Tot Ion: 83 Resp: 32757
Ion Ratio Lower Upper
83 100
55 0.3 64.2 96.2#
98 2.0 40.3 60.5#



#46
Tetrachloroethene
Concen: 12.072 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV017209.D
Acq: 27 Jun 2020 03:07

Tgt Ion: 164 Resp: 24668
Ion Ratio Lower Upper
164 100
129 96.9 67.0 124.4
131 85.4 64.8 120.3
166 135.4 90.4 167.8

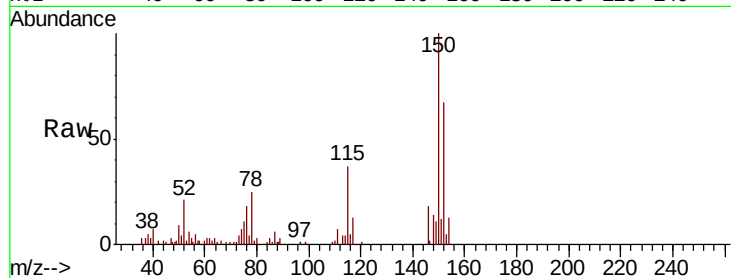




#63
 1,4-Dichlorobenzene
 Concen: 0.593 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV017209.D
 Acq: 27 Jun 2020 03:07

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	26.7	49.7
148	69.8	43.5	80.9



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

