

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018495.D
 Acq On : 28 Sep 2020 15:42
 Operator : SY/MD
 Sample : L4117-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AD0

Quant Time: Sep 29 00:53:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	315606	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	305791	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151222	50.00	ug/L	0.00

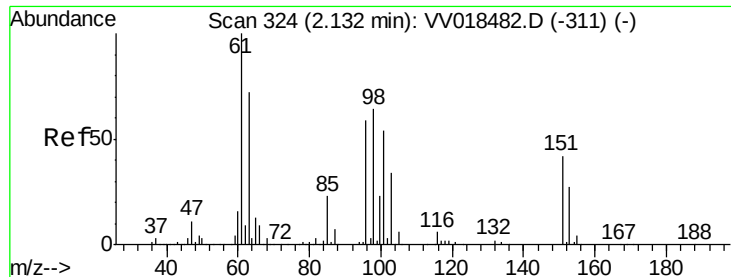
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108996	42.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.76%
7) Chloroethane-d5	1.58	69	93855	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.18%
11) 1,1-Dichloroethene-d2	2.12	63	157088	33.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.60%
21) 2-Butanone-d5	3.92	46	164875	104.73	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.73%
24) Chloroform-d	4.38	84	207973	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	136779	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
32) Benzene-d6	5.08	84	427485	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
36) 1,2-Dichloropropane-d6	6.09	67	138450	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.56%
41) Toluene-d8	7.34	98	382548	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%
43) trans-1,3-Dichloropropene-	7.64	79	67030	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.84%
47) 2-Hexanone-d5	8.11	63	91632	86.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158305	45.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	166833	53.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.44%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1561	0.733 ug/L #	19
13) Acetone	2.20	43	16701	13.248 ug/L	97
37) 1,2-Dichloropropane	6.10	63	15064	6.502 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3826	1.072 ug/L #	65
48) 2-Hexanone	8.16	43	14120	6.372 ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	16445	6.035 ug/L	89

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



#10

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

Concen: 0.733 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018495.D

Acq: 28 Sep 2020 15:42

Instrument :

MSVOA_V

ClientSampleId :

E0AD0

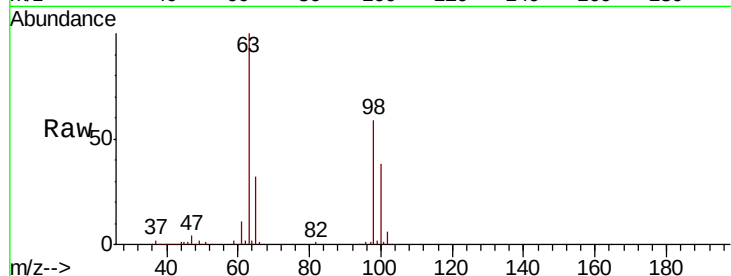
Tot Ion:101 Resp: 1561

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

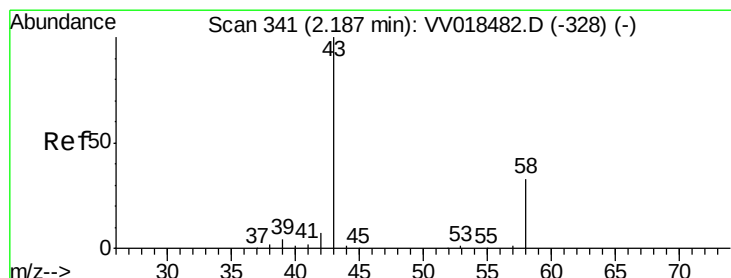
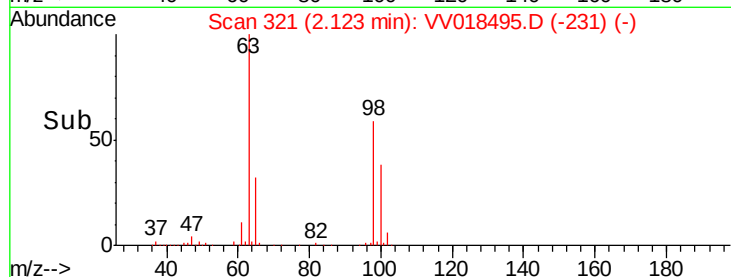
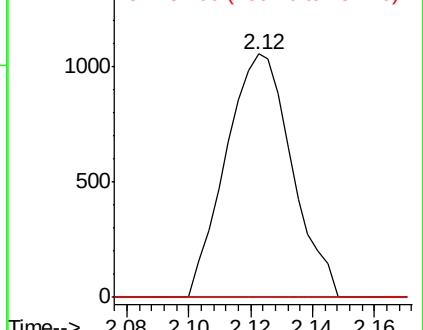
151 0.0 62.2 93.2#



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: 13.248 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV018495.D

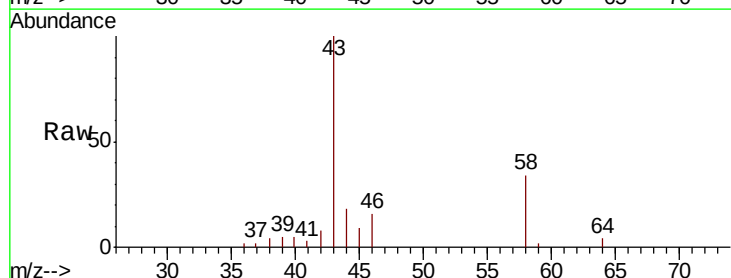
Acq: 28 Sep 2020 15:42

Tgt Ion: 43 Resp: 16701

Ion Ratio Lower Upper

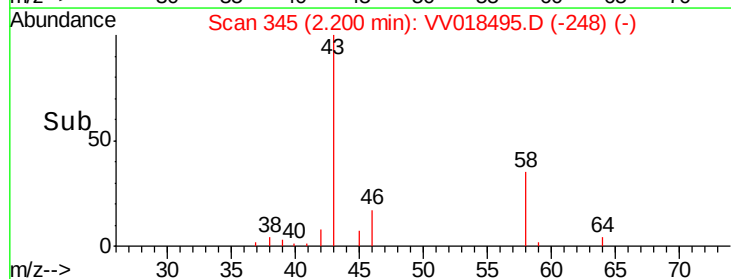
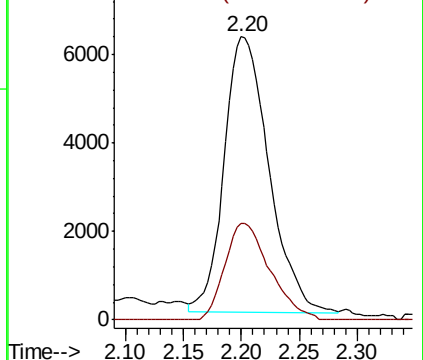
43 100

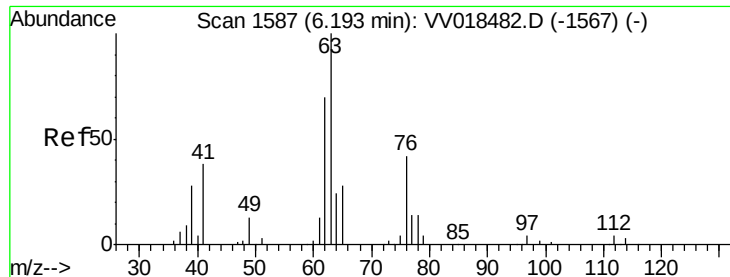
58 35.2 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

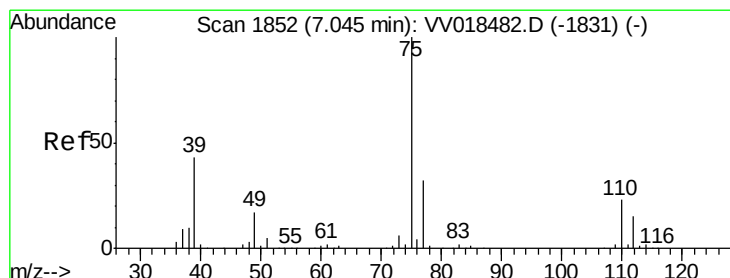
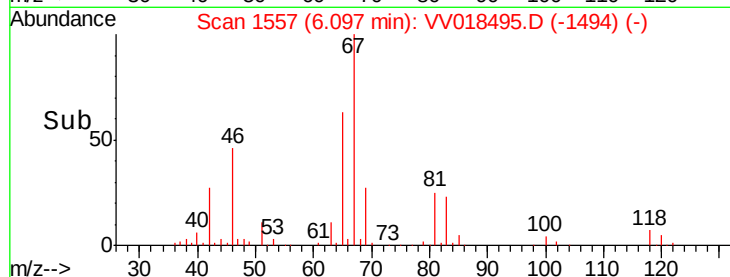
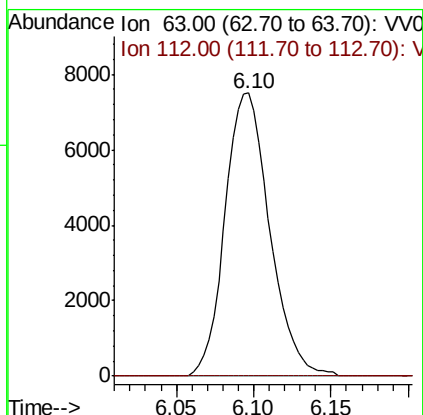
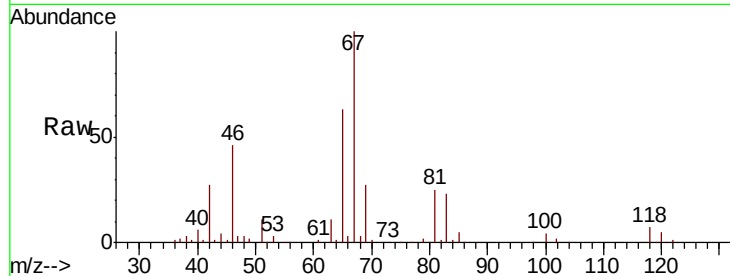




#37
 1,2-Dichloropropane
 Concen: 6.502 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018495.D
 Acq: 28 Sep 2020 15:42

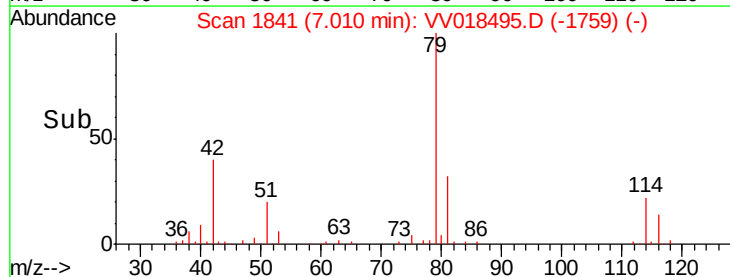
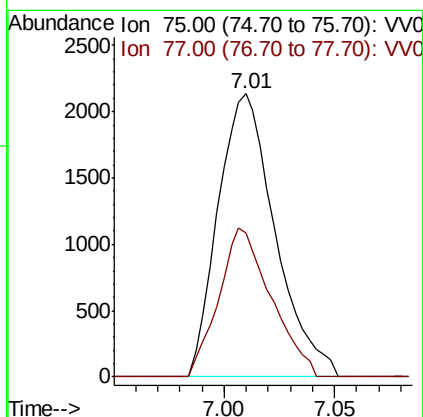
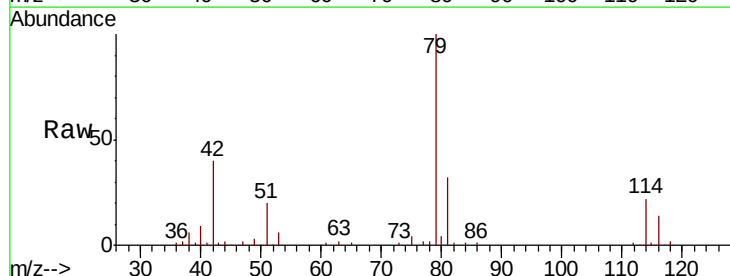
Instrument :
 MSVOA_V
 ClientSampleId :
 E0AD0

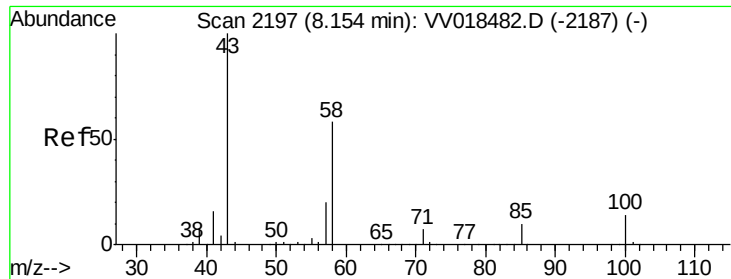
Tot Ion: 63 Resp: 15064
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.072 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018495.D
 Acq: 28 Sep 2020 15:42

Tgt Ion: 75 Resp: 3826
 Ion Ratio Lower Upper
 75 100
 77 51.0 22.3 41.3#

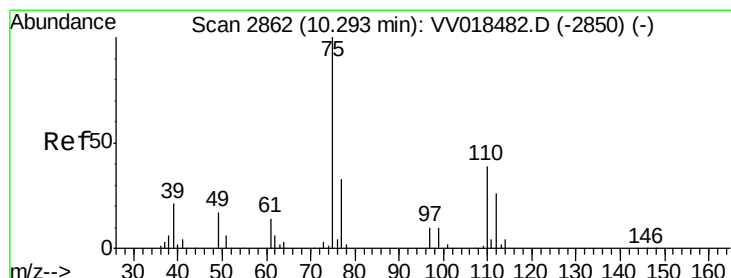
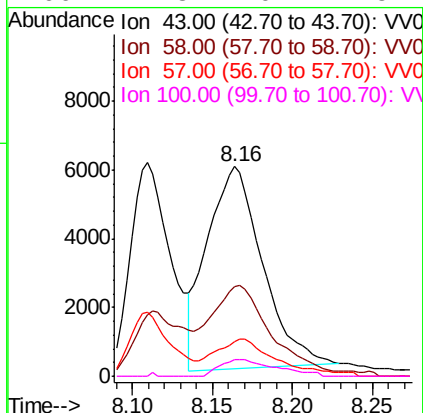
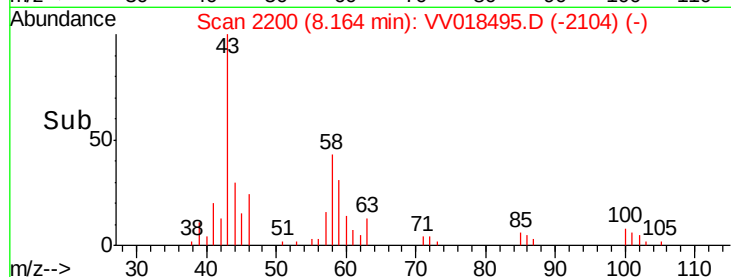
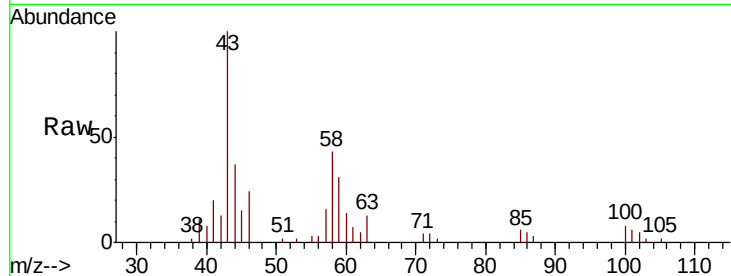




#48
2-Hexanone
Concen: 6.372 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018495.D
Acq: 28 Sep 2020 15:42

Instrument :
MSVOA_V
ClientSampleId :
E0AD0

Tot Ion: 43 Resp: 14120
Ion Ratio Lower Upper
43 100
58 40.7 44.8 67.2#
57 13.9 15.8 23.6#
100 7.8 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.035 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018495.D
Acq: 28 Sep 2020 15:42

Tgt Ion: 75 Resp: 16445
Ion Ratio Lower Upper
75 100
77 38.6 25.8 38.6

