

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120420\
 Data File : VV019477.D
 Acq On : 04 Dec 2020 14:39
 Operator : SY/MD
 Sample : L4955-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4C7

Quant Time: Dec 05 02:41:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	312167	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	315151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145109	50.00	ug/L	0.00

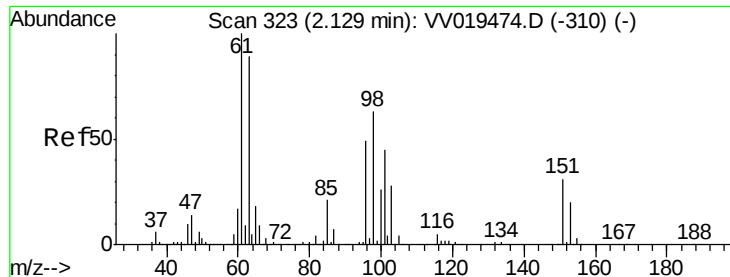
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	98151	31.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.96%
7) Chloroethane-d5	1.58	69	94297	37.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.32%
11) 1,1-Dichloroethene-d2	2.12	63	172914	31.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.32%
21) 2-Butanone-d5	3.89	46	191662	100.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.86%
24) Chloroform-d	4.37	84	233434	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
26) 1,2-Dichloroethane-d4	5.05	65	167477	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
32) Benzene-d6	5.07	84	449676	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
36) 1,2-Dichloropropane-d6	6.09	67	157230	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.44%
41) Toluene-d8	7.33	98	381729	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
43) trans-1,3-Dichloropropene-	7.64	79	69669	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
47) 2-Hexanone-d5	8.10	63	91431	74.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.85%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	162826	40.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	143489	50.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.84%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1445	0.660 ug/L #	22
13) Acetone	2.17	43	5767	3.969 ug/L	98
48) 2-Hexanone	8.16	43	20958	7.214 ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	21051	6.160 ug/L	95

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



#10

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

Concen: 0.660 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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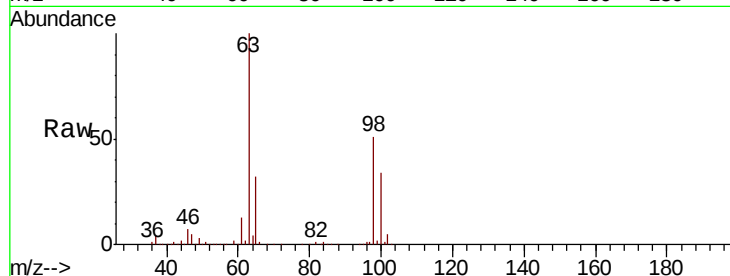
Tot Ion:101 Resp: 1445

Ion Ratio Lower Upper

101 100

85 4.2 35.5 53.3#

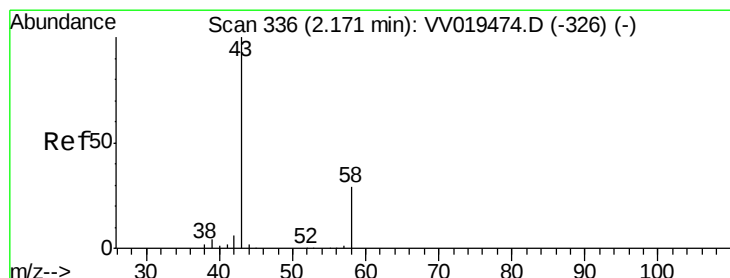
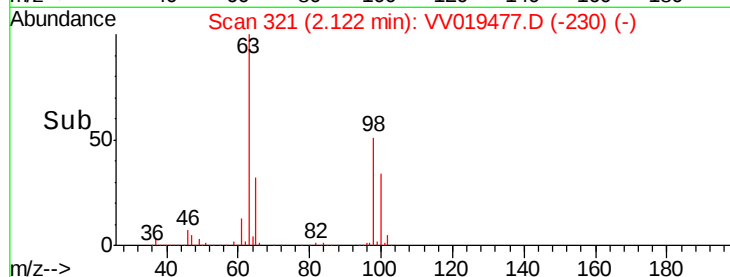
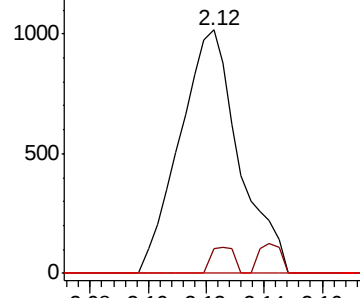
151 0.0 58.9 88.3#



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: 3.969 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

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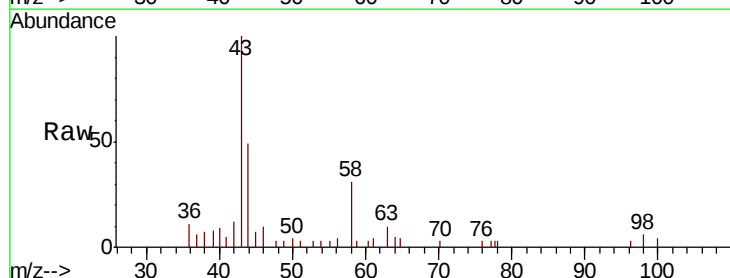
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Tgt Ion: 43 Resp: 5767

Ion Ratio Lower Upper

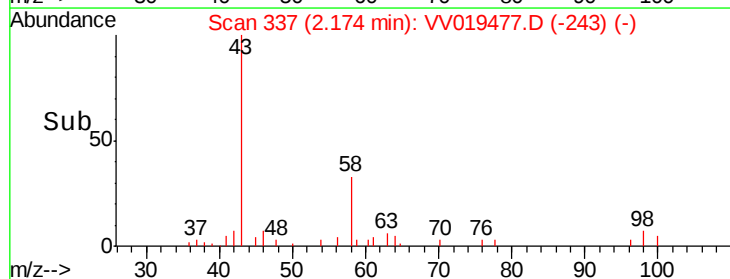
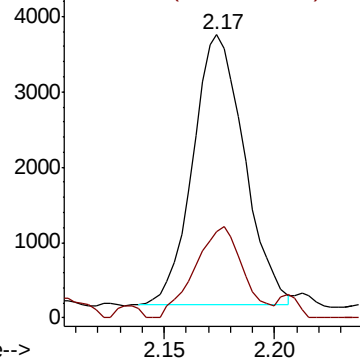
43 100

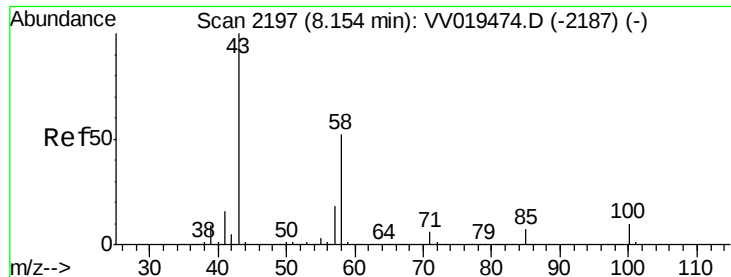
58 32.1 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

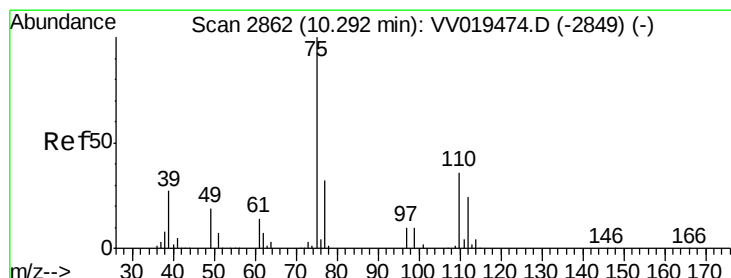
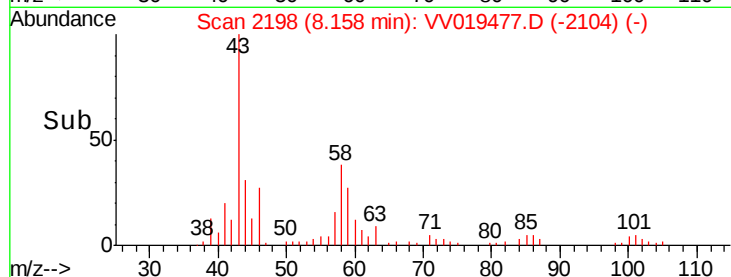
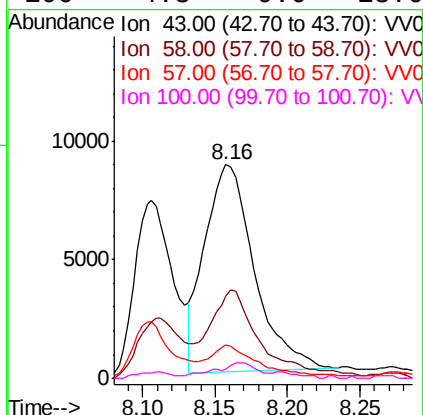
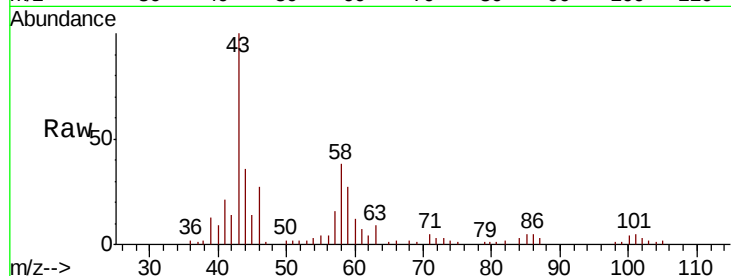




#48
2-Hexanone
Concen: 7.214 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
43	100		
58	28.4	43.8	65.6#
57	11.8	15.4	23.2#
100	4.3	9.0	13.6#



#59
1,2,3-Trichloropropane
Concen: 6.160 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.2	37.8

