

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019755.D
 Acq On : 19 Dec 2020 23:36
 Operator : SY/MD
 Sample : L5131-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H07

Quant Time: Dec 21 06:25:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 06:23:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	688660	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	641222	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	287005	50.00	ug/L	0.00

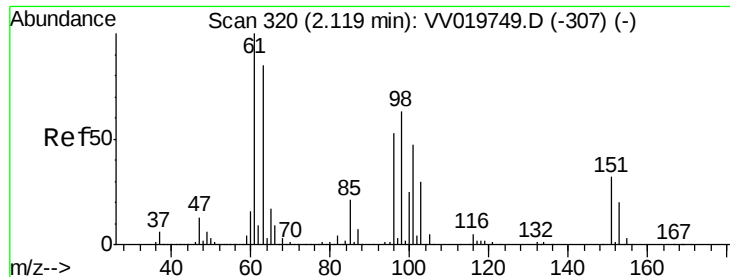
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	233796	47.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.68%
7) Chloroethane-d5	1.57	69	190697	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.92%
11) 1,1-Dichloroethene-d2	2.11	63	347676	37.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.86%
21) 2-Butanone-d5	3.88	46	331040	123.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.33%
24) Chloroform-d	4.35	84	437010	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.04	65	305742	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
32) Benzene-d6	5.05	84	882316	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
36) 1,2-Dichloropropane-d6	6.07	67	287329	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.26%
41) Toluene-d8	7.32	98	777954	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%
43) trans-1,3-Dichloropropene-	7.62	79	129860	42.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.24%
47) 2-Hexanone-d5	8.09	63	196917	93.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	333535	46.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.06%
64) 1,2-Dichlorobenzene-d4	11.63	152	280295	52.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.50%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2860	0.715 ug/L #	22
13) Acetone	2.17	43	22231	9.722 ug/L	98
48) 2-Hexanone	8.14	43	11857	2.213 ug/L #	80
59) 1,2,3-Trichloropropane	11.25	75	40827	6.707 ug/L	89

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



#10

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

Concen: 0.715 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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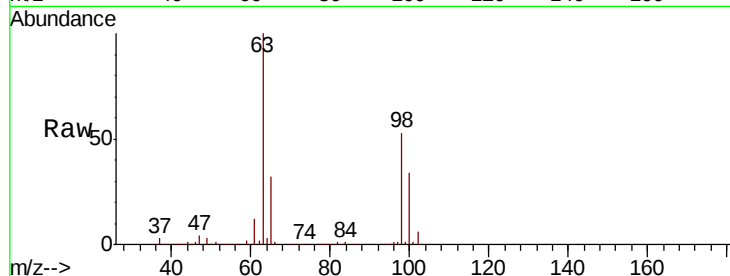
Tot Ion:101 Resp: 2860

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

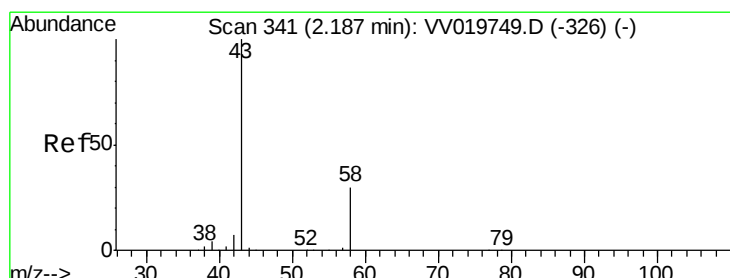
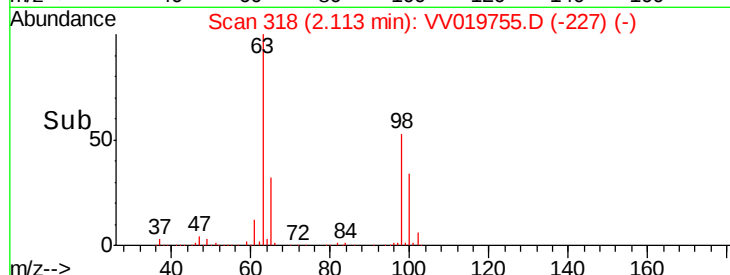
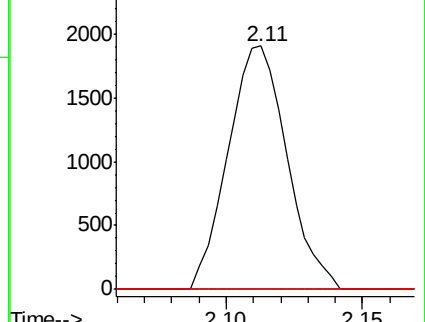
151 0.0 55.8 83.8#



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: 9.722 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.01 min

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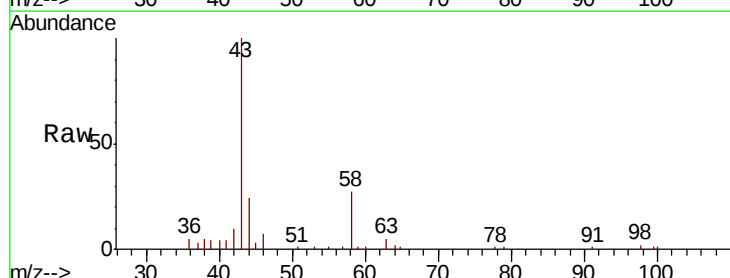
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Tgt Ion: 43 Resp: 22231

Ion Ratio Lower Upper

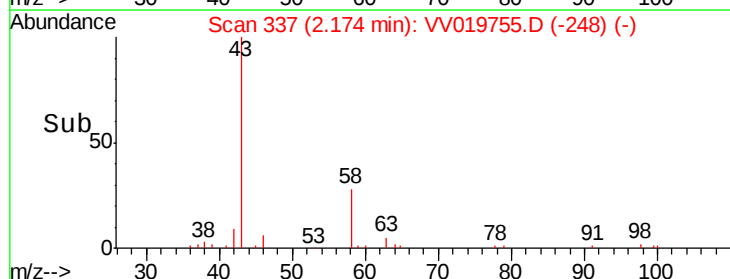
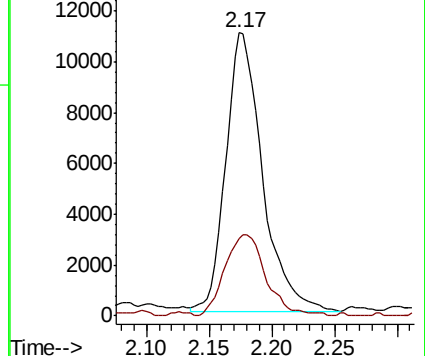
43 100

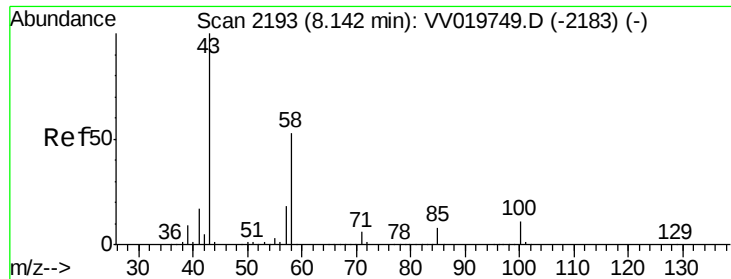
58 31.7 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

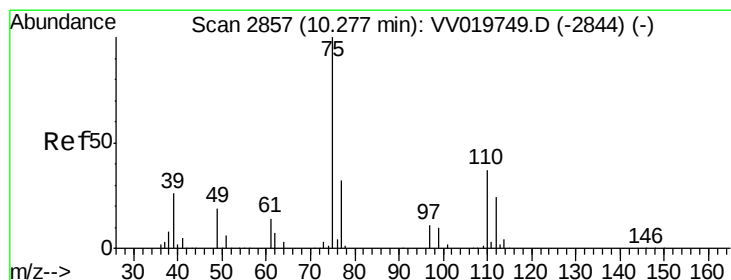
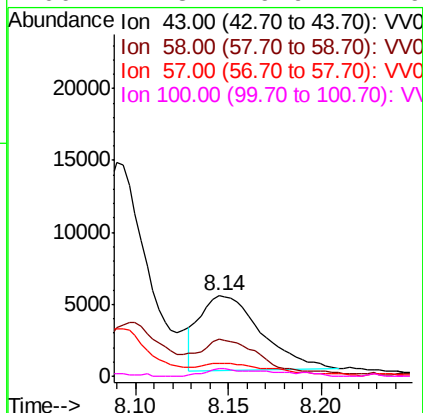
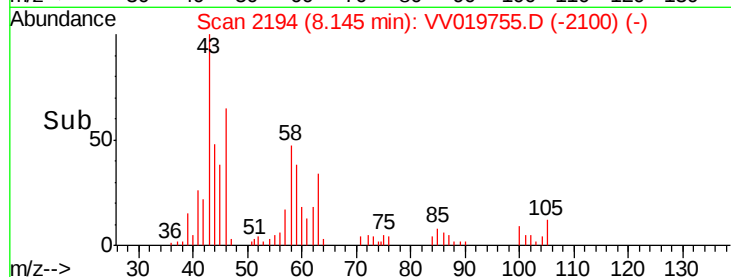
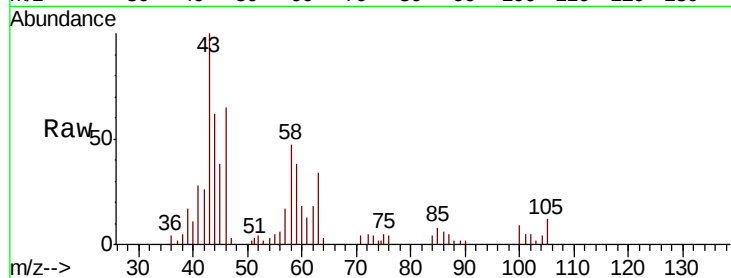




#48
2-Hexanone
Concen: 2.213 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. 0.00 min
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Tot Ion: 43 Resp: 11857
Ion Ratio Lower Upper
43 100
58 43.0 44.4 66.6#
57 7.0 15.7 23.5#
100 4.8 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.707 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019755.D
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Tgt Ion: 75 Resp: 40827
Ion Ratio Lower Upper
75 100
77 38.3 25.8 38.8

