

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
 Data File : VV014017.D
 Acq On : 11 Dec 2019 17:54
 Operator : SY/MD
 Sample : K6200-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:04:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 03:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	688134	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	569019	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	229236	50.00	ug/L	0.00

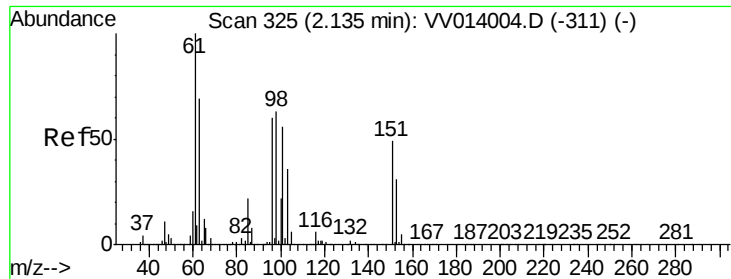
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	188830	47.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.90%
7) Chloroethane-d5	1.56	69	195873	47.15	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.30%
11) 1,1-Dichloroethene-d2	2.12	63	298059	33.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.74%
21) 2-Butanone-d5	3.92	46	275698	98.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.42%
24) Chloroform-d	4.39	84	411530	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	5.07	65	261731	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
32) Benzene-d6	5.09	84	843699	57.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.44%
36) 1,2-Dichloropropane-d6	6.11	67	275565	62.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	124.52%#
41) Toluene-d8	7.35	98	650119	48.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.74%
43) trans-1,3-Dichloropropene-	7.66	79	98364	45.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.34%
47) 2-Hexanone-d5	8.13	63	140587	85.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.07%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	334704	52.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.46%
64) 1,2-Dichlorobenzene-d4	11.67	152	232320	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3511	0.678 ug/L #	29
13) Acetone	2.19	43	10476	2.552 ug/L	92
25) Chloroform	4.42	83	8827	0.937 ug/L	77
27) 1,2-Dichloroethane	5.09	62	5389	0.794 ug/L	97
59) 1,2,3-Trichloropropane	11.29	75	22713	4.092 ug/L	96

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



#10

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

Concen: 0.678 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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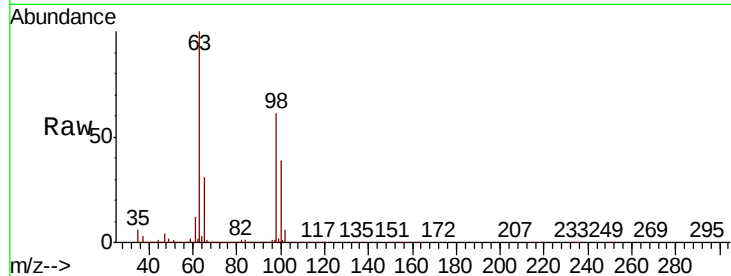
Tot Ion:101 Resp: 3511

Ion Ratio Lower Upper

101 100

85 5.0 32.5 48.7#

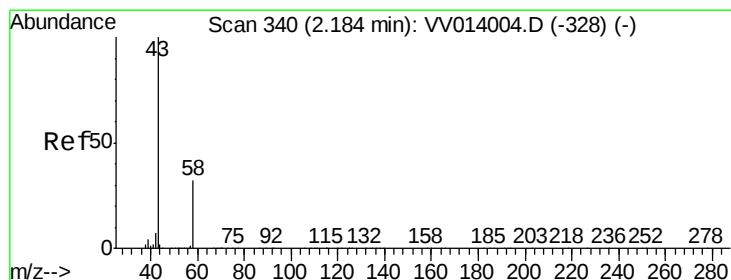
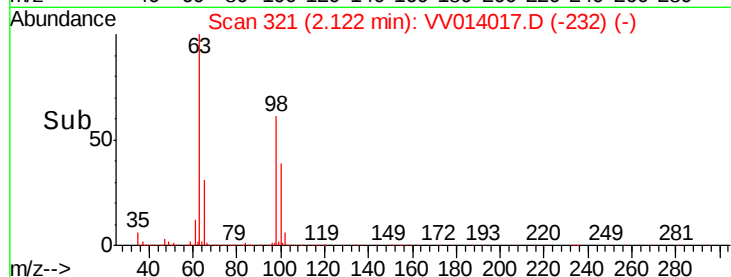
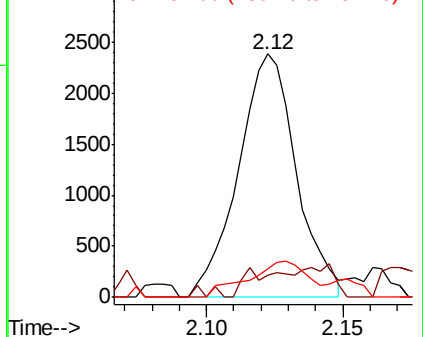
151 15.2 69.8 104.6#



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: 2.552 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV014017.D

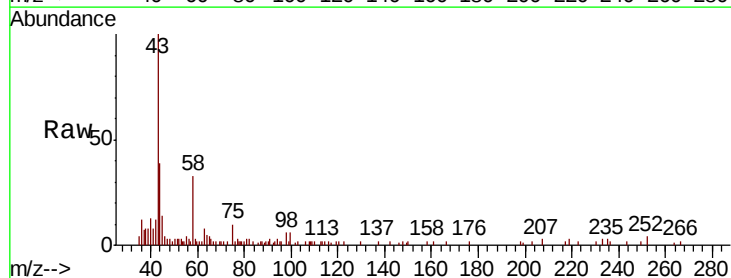
Acq: 11 Dec 2019 17:54

Tgt Ion: 43 Resp: 10476

Ion Ratio Lower Upper

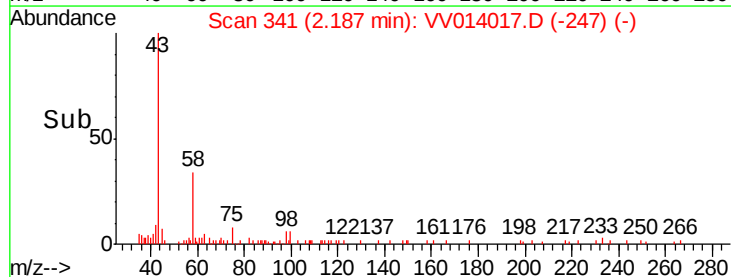
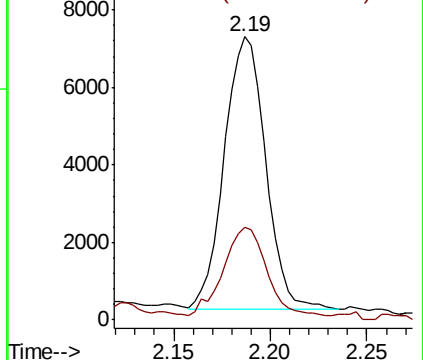
43 100

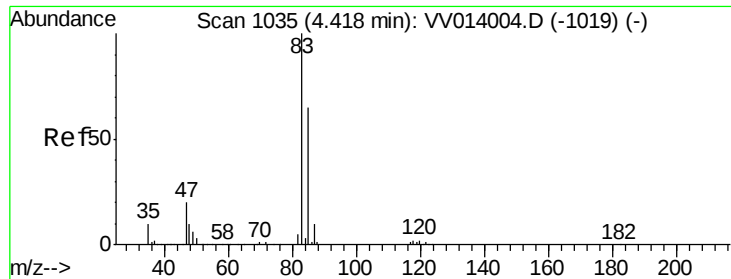
58 34.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

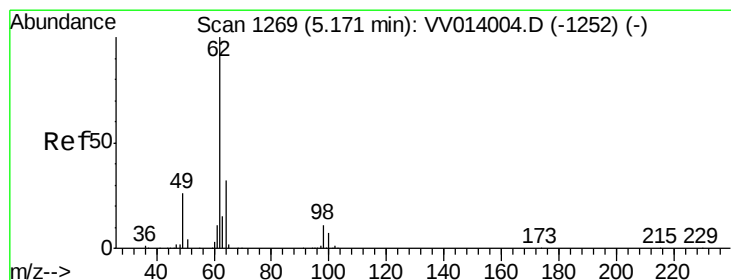
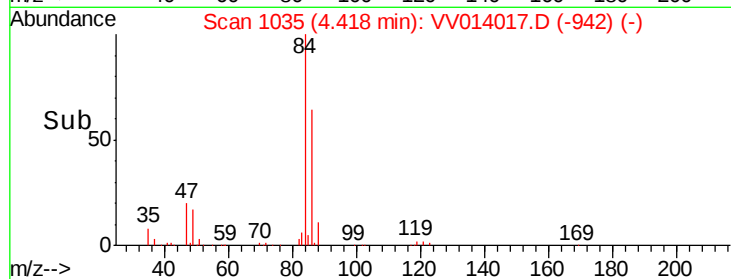
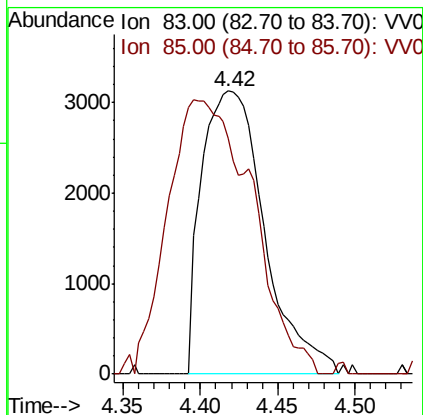
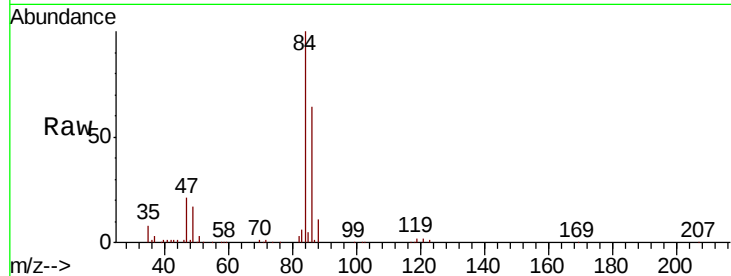




#25
Chloroform
Concen: 0.937 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV014017.D
Acq: 11 Dec 2019 17:54

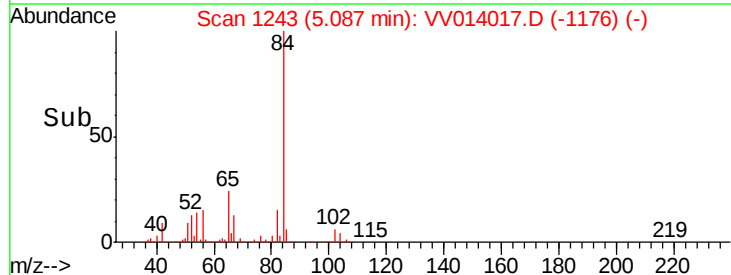
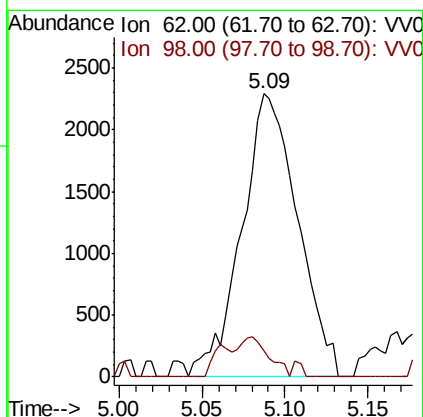
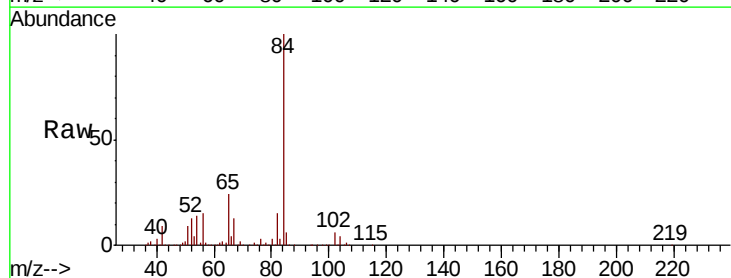
Instrument :
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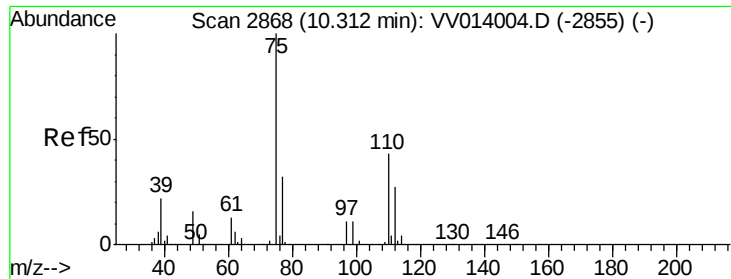
Tot Ion: 83 Resp: 8827
Ion Ratio Lower Upper
83 100
85 83.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.794 ug/L
RT: 5.09 min Scan# 1243
Delta R.T. -0.08 min
Lab File: VV014017.D
Acq: 11 Dec 2019 17:54

Tgt Ion: 62 Resp: 5389
Ion Ratio Lower Upper
62 100
98 9.3 8.5 12.7





#59

1,2,3-Trichloropropane

Concen: 4.092 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014017.D

Acq: 11 Dec 2019 17:54

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 22713

Ion Ratio Lower Upper

75 100

77 34.7 25.8 38.8

