

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
 Data File : VV014016.D
 Acq On : 11 Dec 2019 16:41
 Operator : SY/MD
 Sample : K6200-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:04:27 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	619764	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	610893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	254923	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	187788	52.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.78%
7) Chloroethane-d5	1.56	69	197933	52.90	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.24	63	204	0.03	ug/L	0.12
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.92	46	235830	93.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.47%
24) Chloroform-d	4.39	84	351288	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.07	65	222320	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
32) Benzene-d6	5.09	84	717819	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
36) 1,2-Dichloropropane-d6	6.11	67	225875	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.08%
41) Toluene-d8	7.35	98	641002	44.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.84%
43) trans-1,3-Dichloropropene-	7.66	79	93924	40.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.24%
47) 2-Hexanone-d5	8.13	63	136197	76.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.76%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	297863	43.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.58%
64) 1,2-Dichlorobenzene-d4	11.67	152	257480	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%

Target Compounds

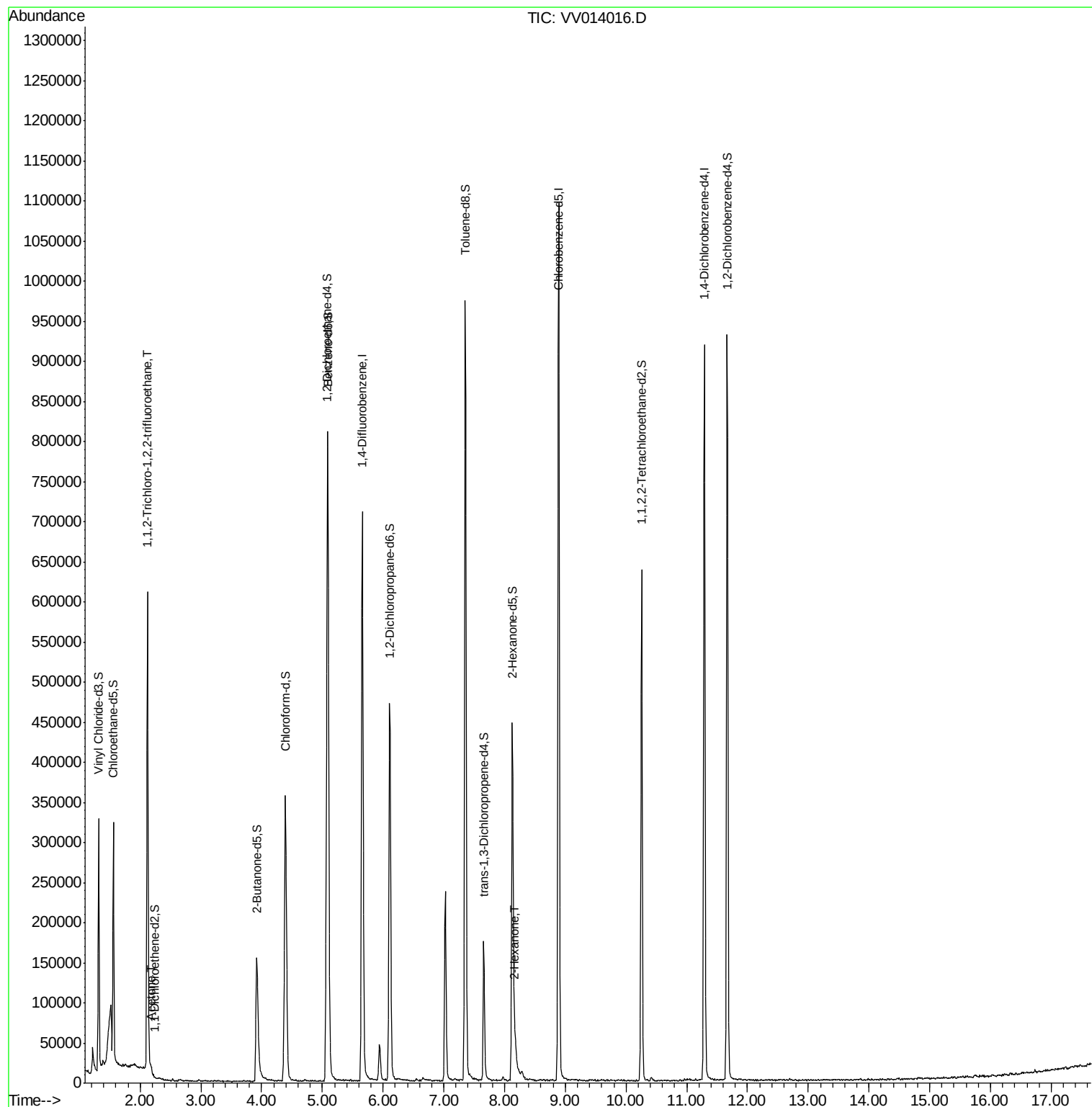
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3167	0.679	ug/L #	20
13) Acetone	2.19	43	6148	1.663	ug/L	95
48) 2-Hexanone	8.18	43	12325	2.691	ug/L #	63

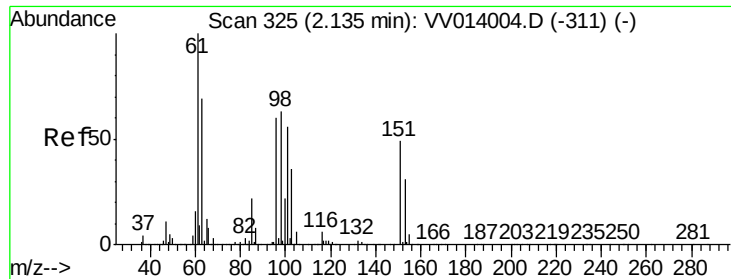
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 12 03:01:11 2019
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#10

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

Concen: 0.679 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014016.D

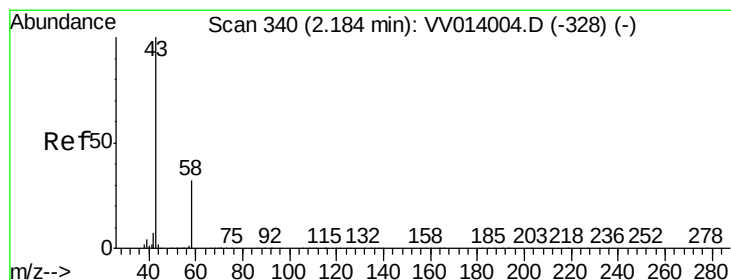
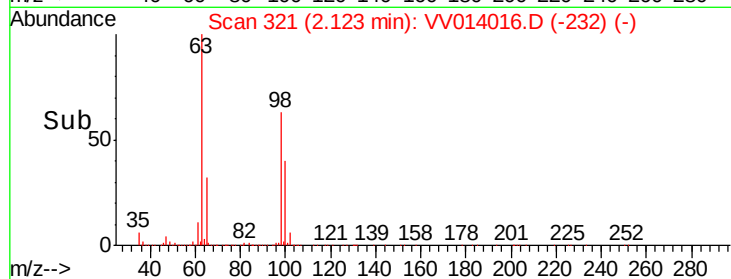
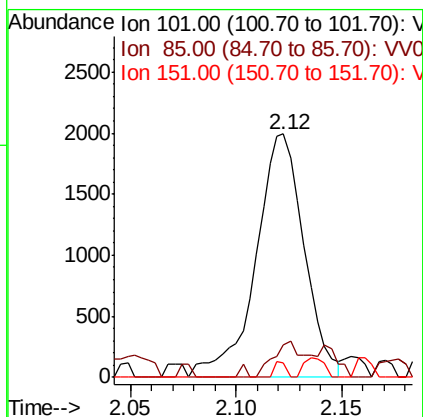
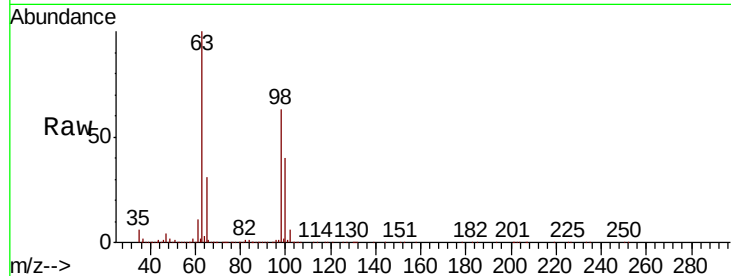
Acq: 11 Dec 2019 16:41

Instrument :

MSVOA_V

ClientSampled :

Tot Ion:	101	Resp:	3167
Ion	Ratio	Lower	Upper
101	100		
85	7.1	32.5	48.7#
151	1.5	69.8	104.6#



#13

Acetone

Concen: 1.663 ug/L

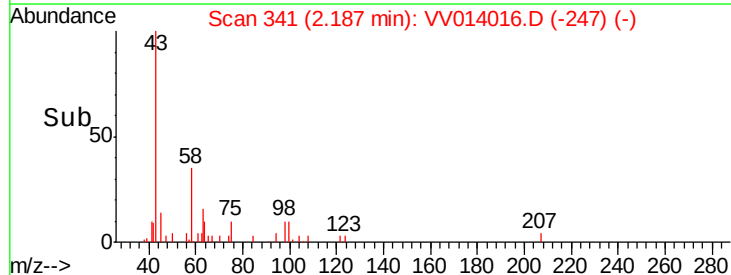
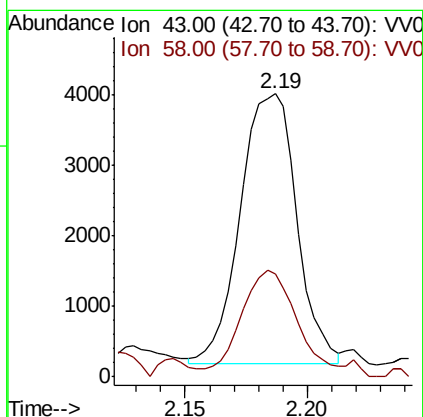
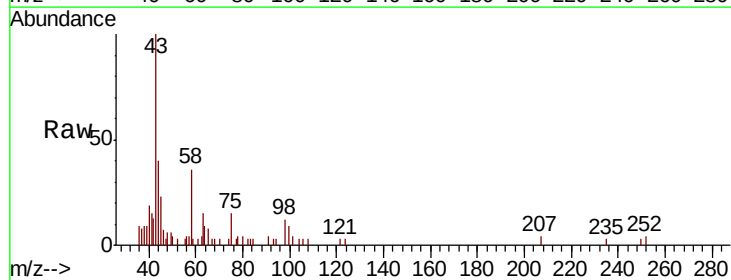
RT: 2.19 min Scan# 341

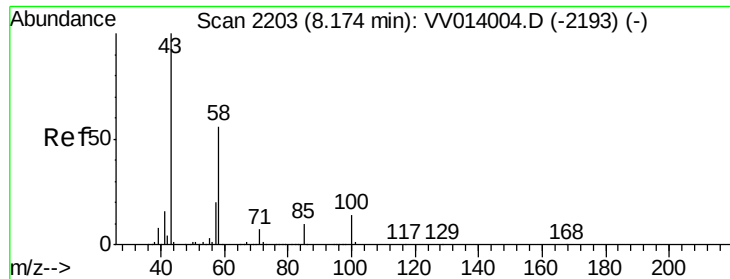
Delta R.T. 0.00 min

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Acq: 11 Dec 2019 16:41

Tgt Ion:	43	Resp:	6148
Ion	Ratio	Lower	Upper
43	100		
58	33.3	0.0	60.8





#48

2-Hexanone

Concen: 2.691 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VV014016.D

Acq: 11 Dec 2019 16:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 12325

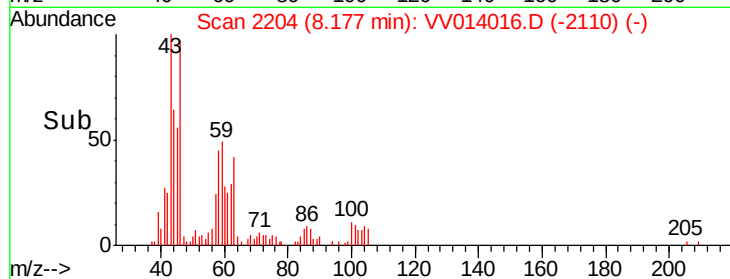
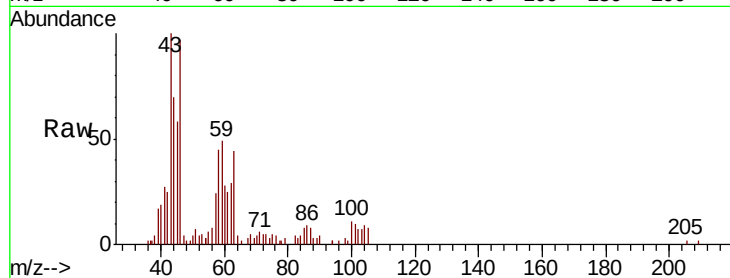
Ion Ratio Lower Upper

43 100

58 30.4 48.4 72.6#

57 2.8 16.6 24.8#

100 6.2 11.9 17.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

