

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
 Data File : VV014018.D
 Acq On : 11 Dec 2019 18:19
 Operator : SY/MD
 Sample : K6253-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:04:38 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	603322	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	619135	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	250829	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184477	52.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.74%
7) Chloroethane-d5	1.56	69	188311	51.70	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.12	63	278820	36.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.28%
21) 2-Butanone-d5	3.92	46	218881	89.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.12%
24) Chloroform-d	4.39	84	340576	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	5.07	65	216994	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
32) Benzene-d6	5.09	84	701047	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.11	67	220881	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.74%
41) Toluene-d8	7.36	98	605391	41.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.78%
43) trans-1,3-Dichloropropene-	7.66	79	92427	39.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.88%
47) 2-Hexanone-d5	8.13	63	132957	73.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	297998	42.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.48%
64) 1,2-Dichlorobenzene-d4	11.67	152	261006	52.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.96%

Target Compounds

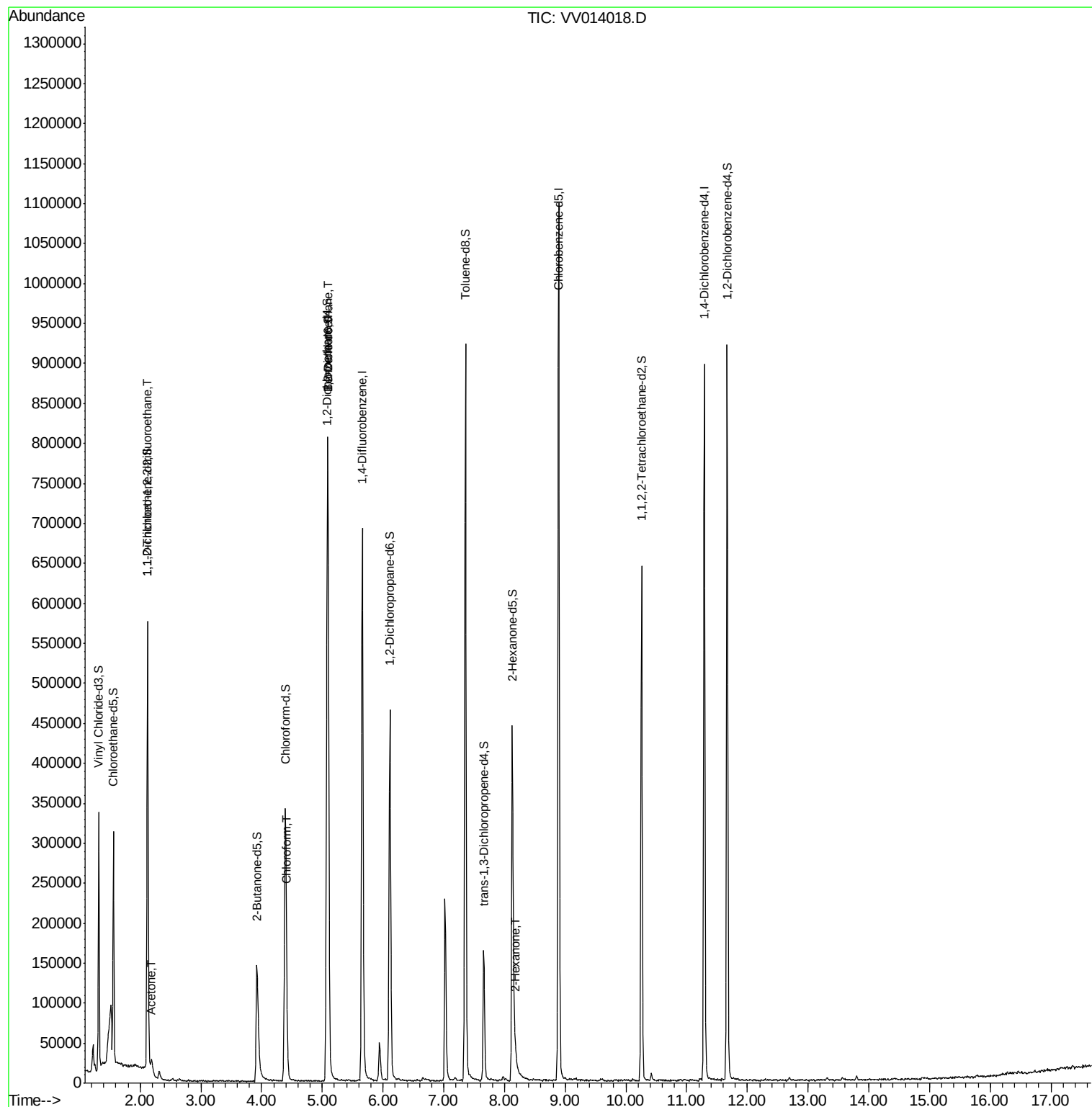
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3402	0.750 ug/L #	17
13) Acetone	2.19	43	7240	2.012 ug/L	93
25) Chloroform	4.42	83	6585	0.797 ug/L	92
27) 1,2-Dichloroethane	5.10	62	4348	0.731 ug/L	95
48) 2-Hexanone	8.18	43	10783	2.323 ug/L #	37

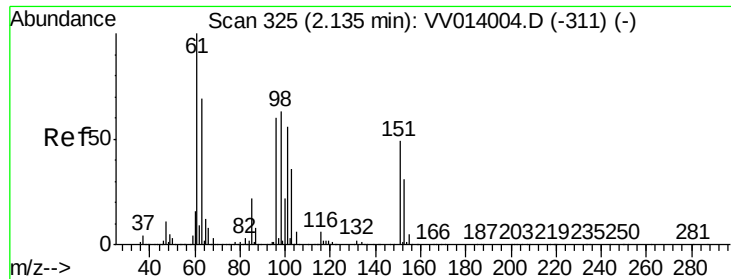
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.750 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV014018.D

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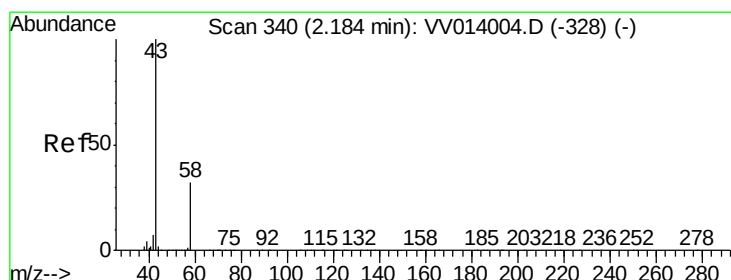
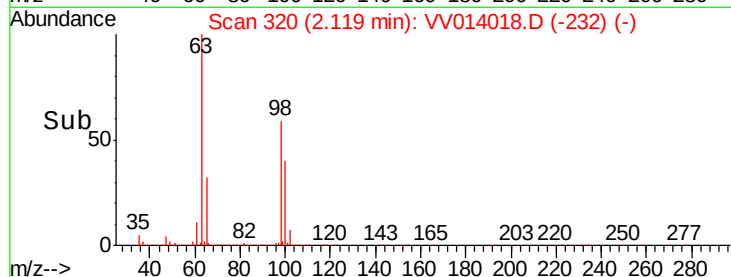
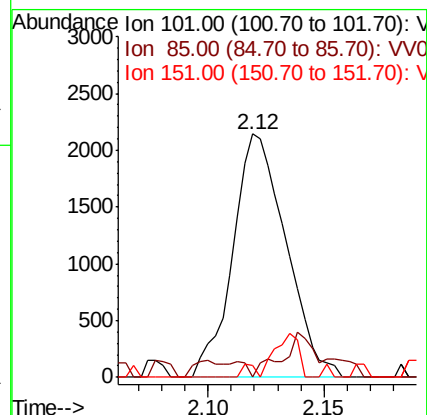
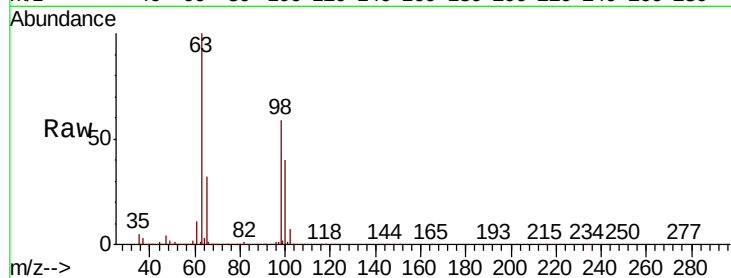
Tot Ion:101 Resp: 3402

Ion Ratio Lower Upper

101 100

85 2.2 32.5 48.7#

151 1.2 69.8 104.6#



#13

Acetone

Concen: 2.012 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV014018.D

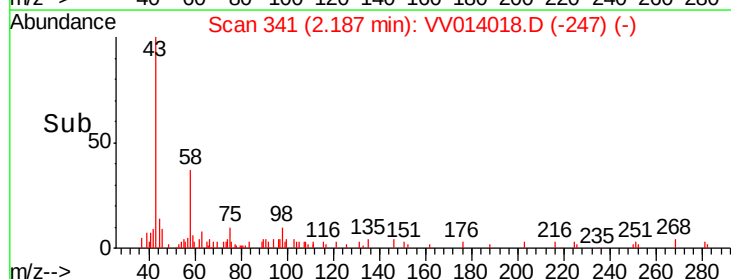
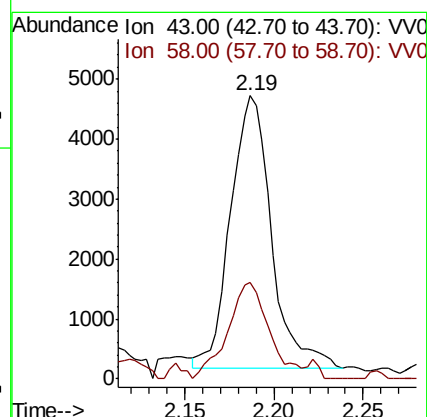
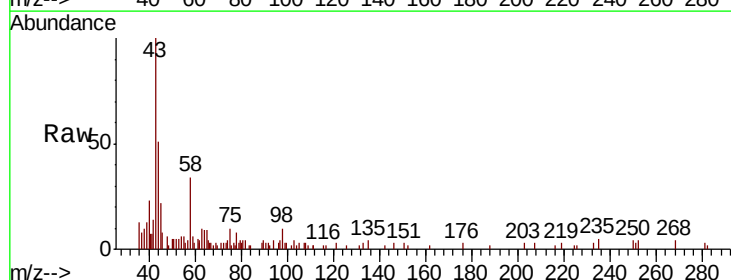
Acq: 11 Dec 2019 18:19

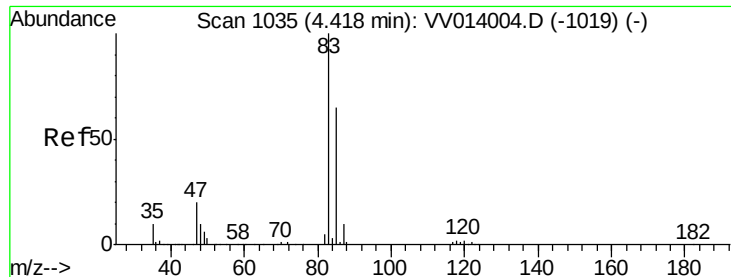
Tgt Ion: 43 Resp: 7240

Ion Ratio Lower Upper

43 100

58 34.0 0.0 60.8

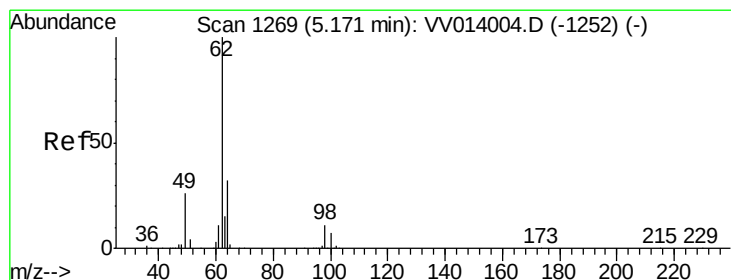
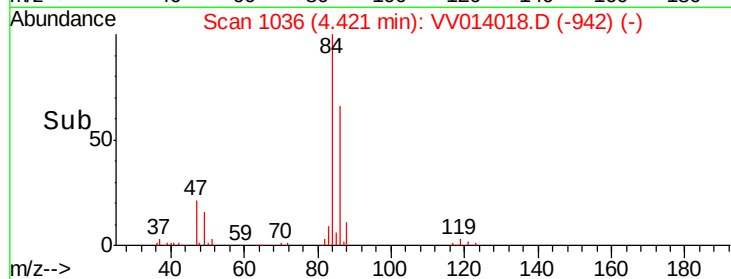
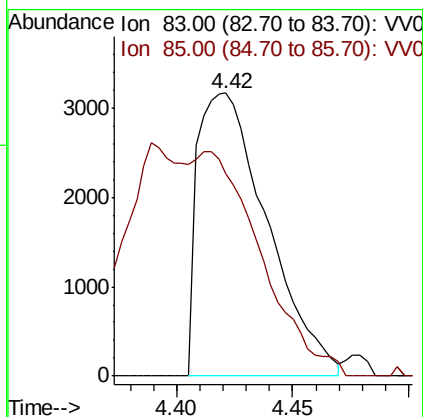
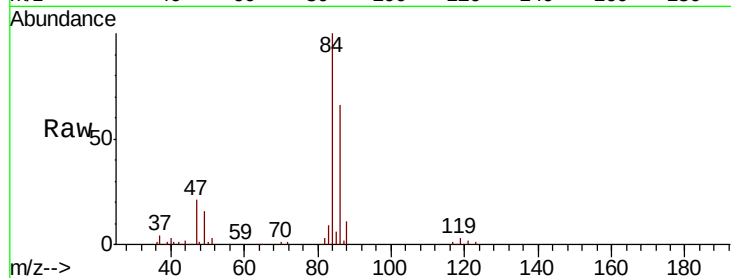




#25
Chloroform
Concen: 0.797 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014018.D
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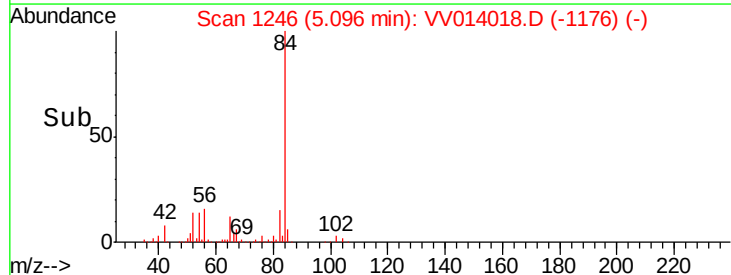
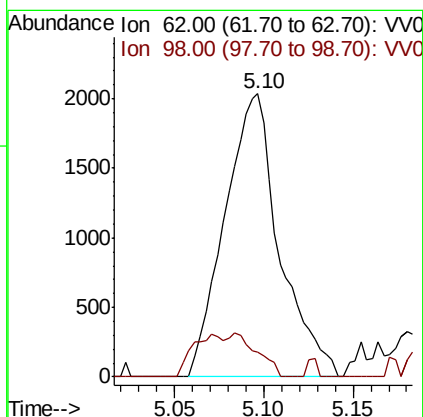
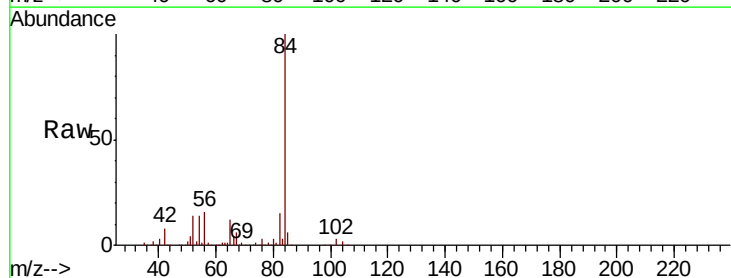
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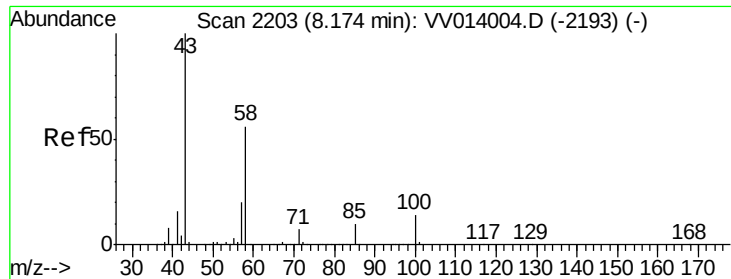
Tot Ion: 83 Resp: 6585
Ion Ratio Lower Upper
83 100
85 71.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.731 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.07 min
Lab File: VV014018.D
Acq: 11 Dec 2019 18:19

Tgt Ion: 62 Resp: 4348
Ion Ratio Lower Upper
62 100
98 8.6 8.5 12.7





#48
 2-Hexanone
 Concen: 2.323 ug/L
 RT: 8.18 min Scan# 2206
 Delta R.T. 0.01 min
 Lab File: VV014018.D
 Acq: 11 Dec 2019 18:19

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	10783
Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.4	72.6#
57	0.0	16.6	24.8#
100	6.5	11.9	17.9#

