

Data File : VV013914.D
Acq On : 05 Dec 2019 14:23
Operator : SY/MD
Sample : K6165-03MS
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBBS1MS

Quant Time: Dec 06 04:09:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	617121	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	598000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	263946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141630	39.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.36%
7) Chloroethane-d5	1.57	69	172397	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.56%
11) 1,1-Dichloroethene-d2	2.13	63	366020	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.76%
21) 2-Butanone-d5	3.92	46	277896	110.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.62%
24) Chloroform-d	4.39	84	364160	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	5.07	65	236497	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.58%
32) Benzene-d6	5.09	84	714746	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
36) 1,2-Dichloropropane-d6	6.11	67	235794	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.38%
41) Toluene-d8	7.35	98	642698	45.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.66	79	107025	47.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.58%
47) 2-Hexanone-d5	8.13	63	174629	100.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.55%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	356709	52.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.92%
64) 1,2-Dichlorobenzene-d4	11.67	152	287937	55.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.08%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3402	0.733 ug/L #	16
12) 1,1-Dichloroethene	2.14	96	228215	50.904 ug/L	97
13) Acetone	2.18	43	9758	2.651 ug/L	91
27) 1,2-Dichloroethane	5.09	62	4453	0.732 ug/L	100
33) Benzene	5.14	78	917510	51.521 ug/L	100
34) Trichloroethene	5.96	95	223529	46.799 ug/L	98
42) Toluene	7.42	91	963303	52.427 ug/L	100
46) Tetrachloroethene	8.01	164	2476	0.574 ug/L #	82
51) Chlorobenzene	8.92	112	632090	49.863 ug/L	97
59) 1,2,3-Trichloropropane	11.29	75	27630	4.737 ug/L	99

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

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Misc : 5.0mL/MSVOA V/WATER

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ALS Vial      : 8      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
DBBS1MS

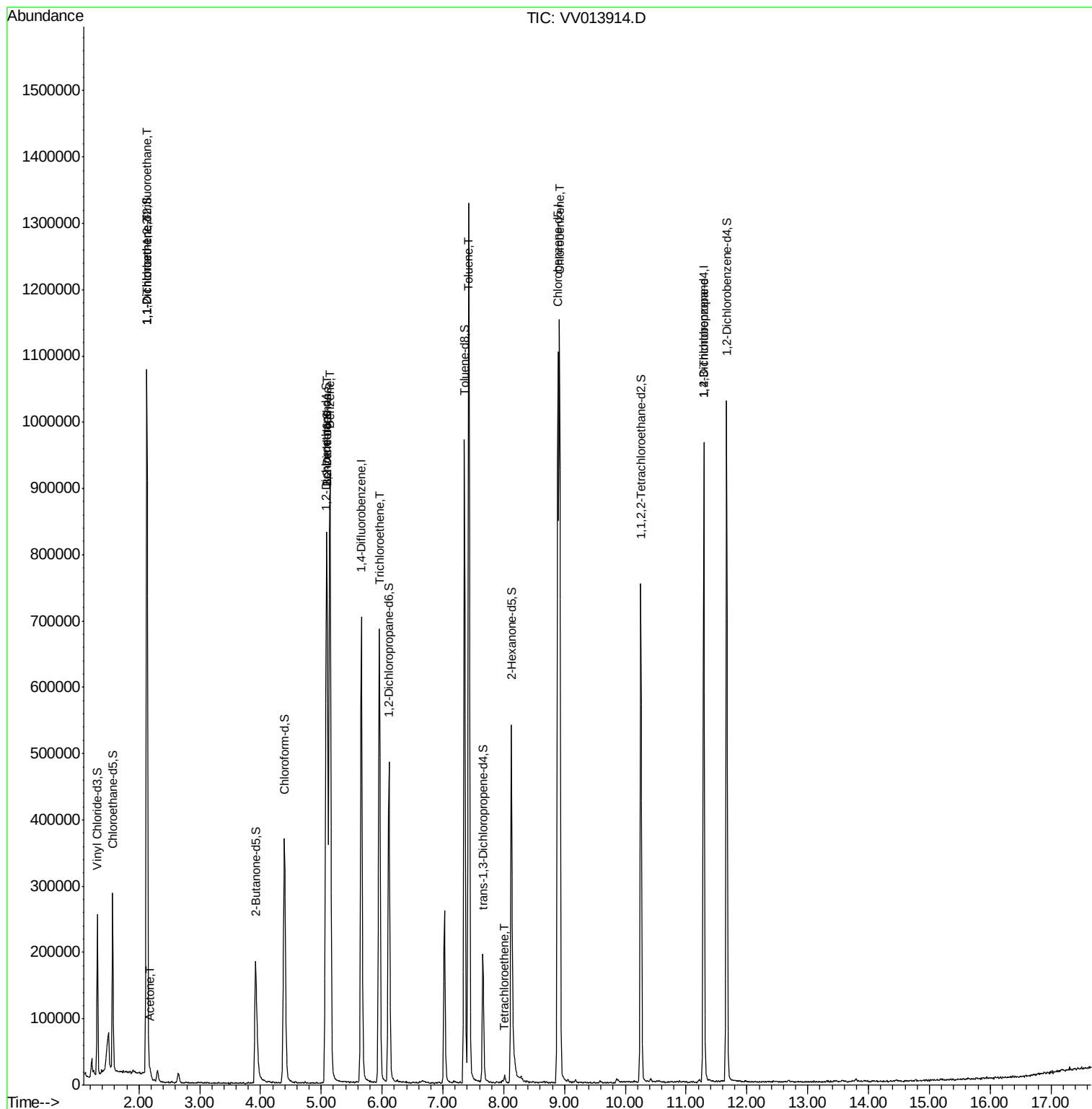
Quant Time: Dec 06 04:09:54 2019

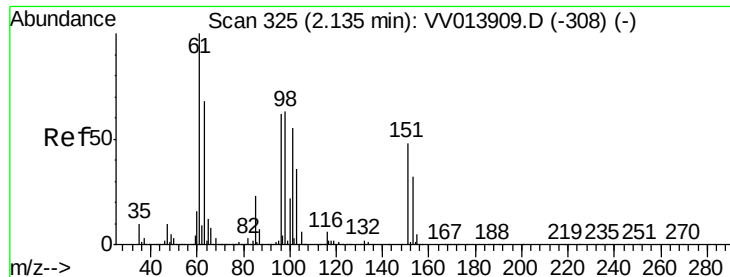
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVLM120219WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Dec 06 04:06:40 2019

Response via : Initial Calibration





#10

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

Concen: 0.733 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013914.D

Acq: 05 Dec 2019 14:23

Instrument :

MSVOA_V

ClientSampleId :

DBBS1MS

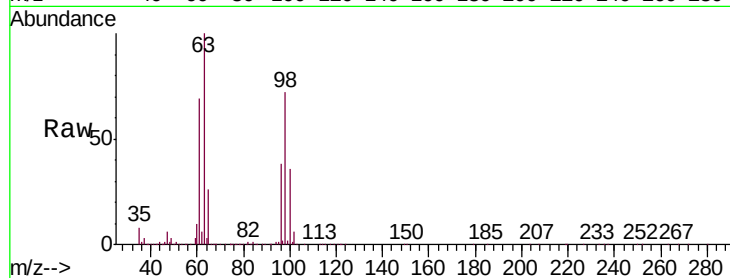
Tgt Ion:101 Resp: 3402

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

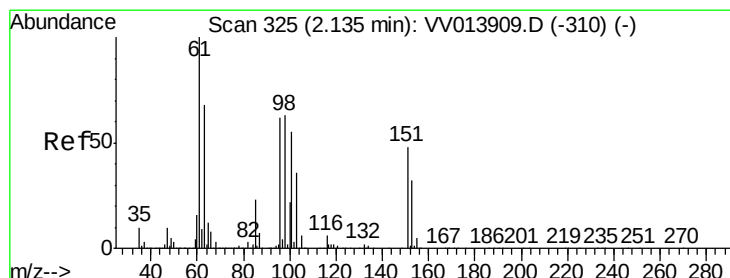
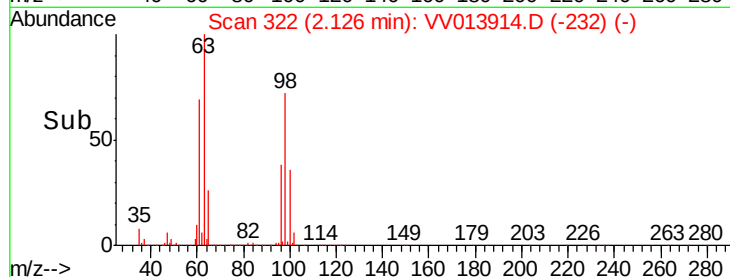
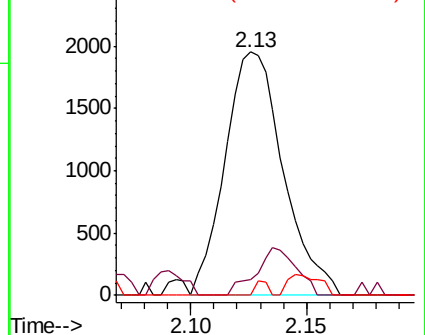
151 1.3 69.8 104.6#



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



#12

1,1-Dichloroethene

Concen: 50.904 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV013914.D

Acq: 05 Dec 2019 14:23

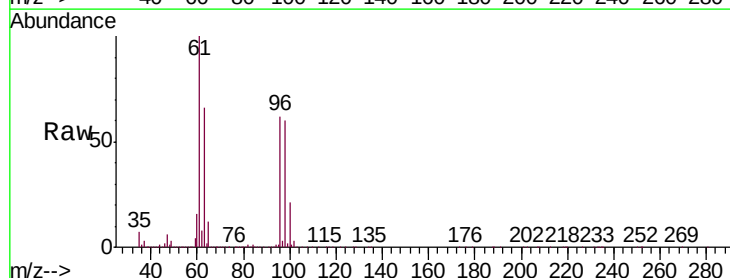
Tgt Ion: 96 Resp: 228215

Ion Ratio Lower Upper

96 100

61 161.7 114.0 211.8

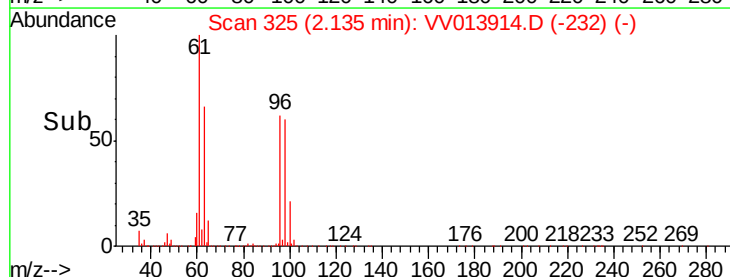
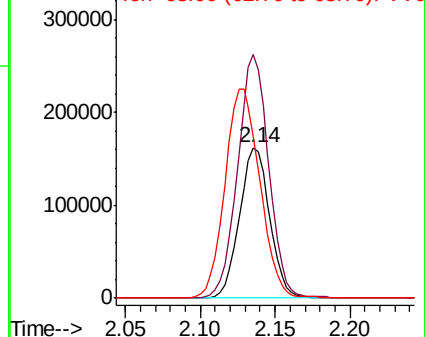
63 107.4 80.3 149.1

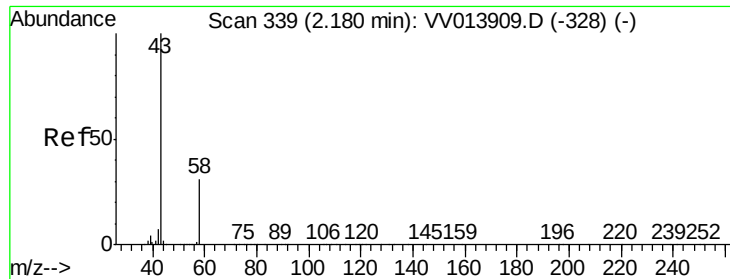


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.651 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013914.D

Acq: 05 Dec 2019 14:23

Instrument :

MSVOA_V

ClientSampleId :

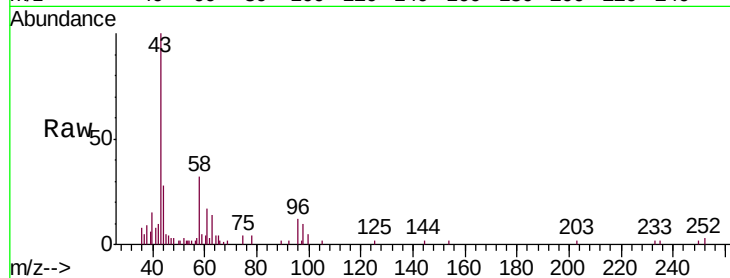
DBBS1MS

Tgt Ion: 43 Resp: 9758

Ion Ratio Lower Upper

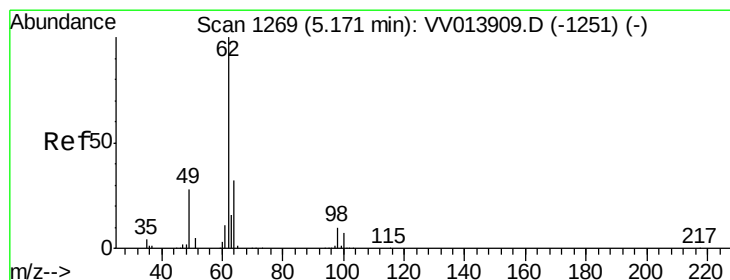
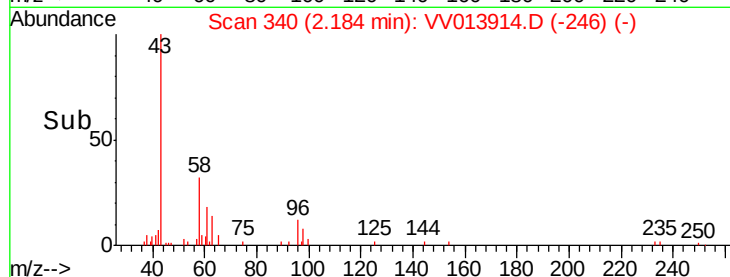
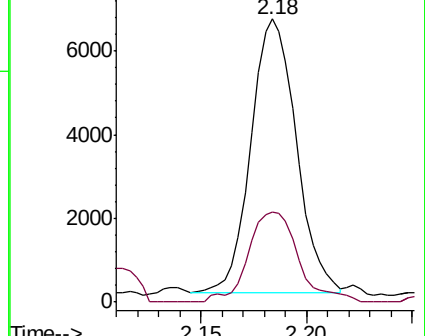
43 100

58 35.5 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV013909.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV013909.D (-328) (-)



#27

1,2-Dichloroethane

Concen: 0.732 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.08 min

Lab File: VV013914.D

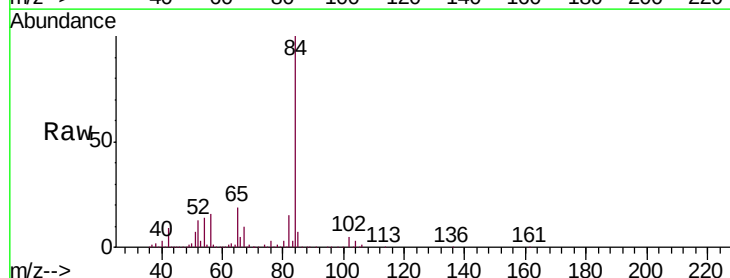
Acq: 05 Dec 2019 14:23

Tgt Ion: 62 Resp: 4453

Ion Ratio Lower Upper

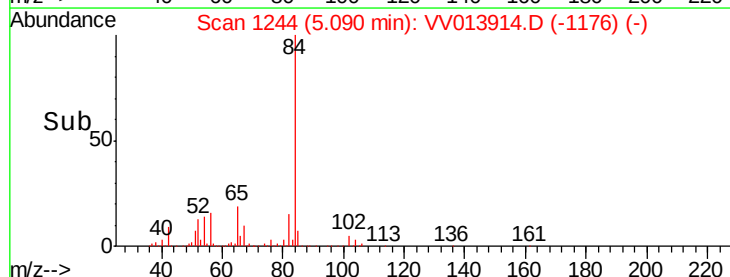
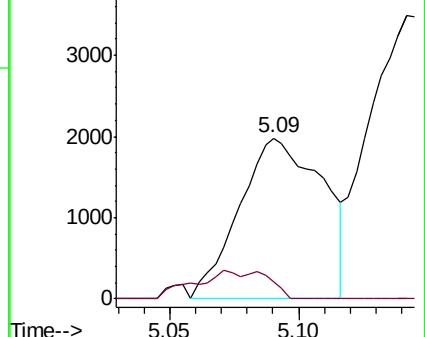
62 100

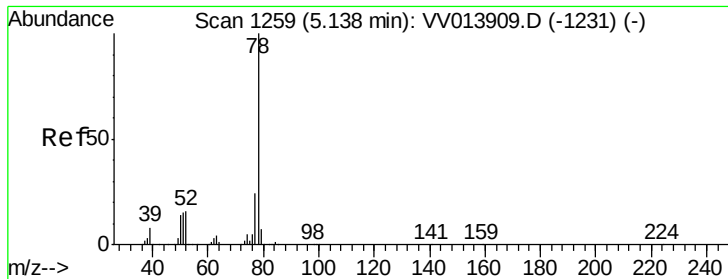
98 10.5 8.5 12.7



Abundance Ion 62.00 (61.70 to 62.70): VV013909.D (-1251) (-)

Ion 98.00 (97.70 to 98.70): VV013909.D (-1251) (-)





#33

Benzene

Concen: 51.521 ug/L

RT: 5.14 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VV013914.D

Acq: 05 Dec 2019 14:23

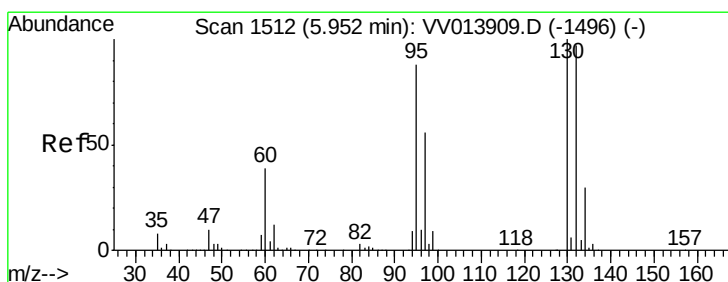
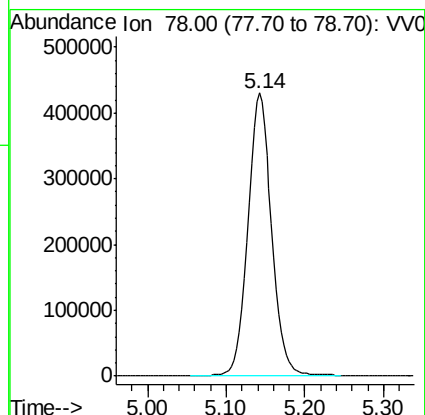
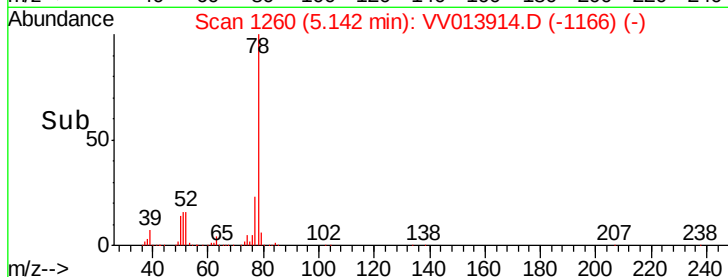
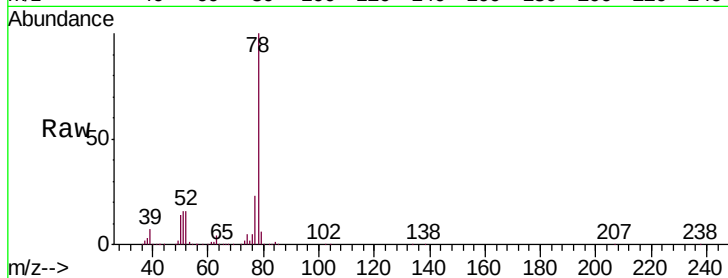
Instrument :

MSVOA_V

ClientSampleId :

DBBS1MS

Tgt Ion: 78 Resp: 917510



#34

Trichloroethene

Concen: 46.799 ug/L

RT: 5.96 min Scan# 1513

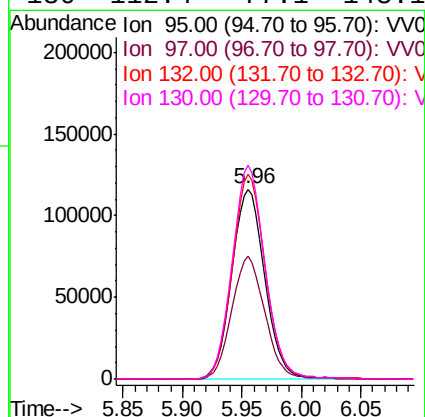
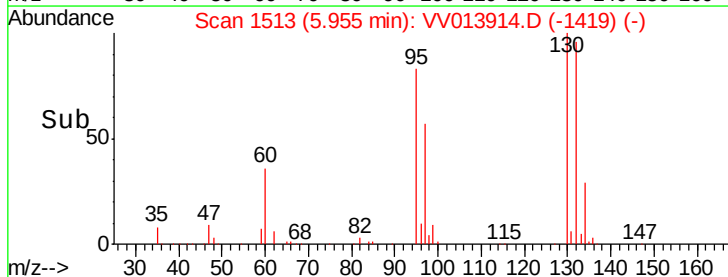
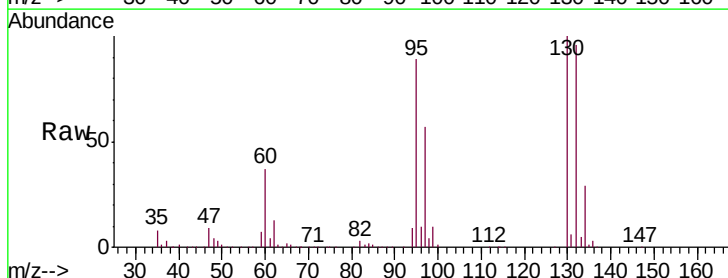
Delta R.T. 0.00 min

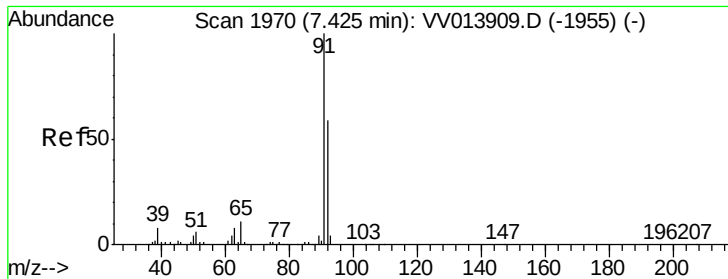
Lab File: VV013914.D

Acq: 05 Dec 2019 14:23

Tgt Ion: 95 Resp: 223529

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.4	84.4
132	107.8	73.7	136.9
130	112.4	77.1	143.1





#42

Toluene

Concen: 52.427 ug/L

RT: 7.42 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VV013914.D

Acq: 05 Dec 2019 14:23

Instrument :

MSVOA_V

ClientSampleId :

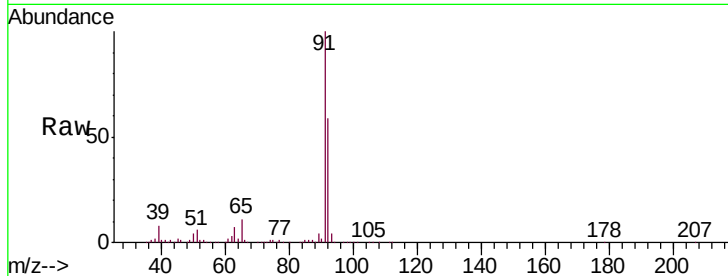
DBBS1MS

Tgt Ion: 91 Resp: 963303

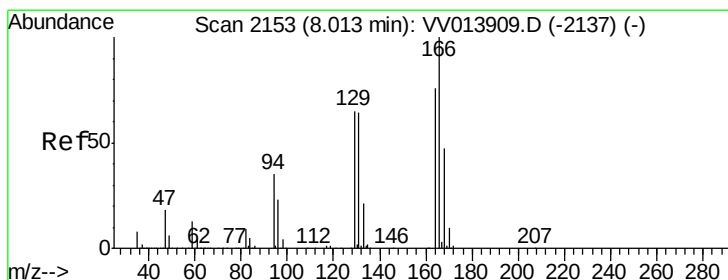
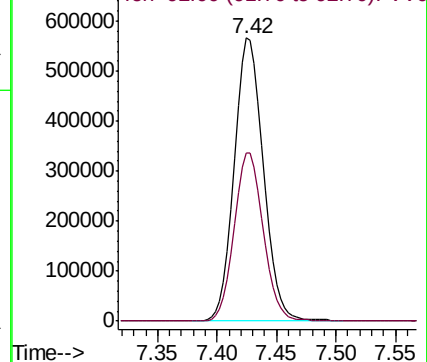
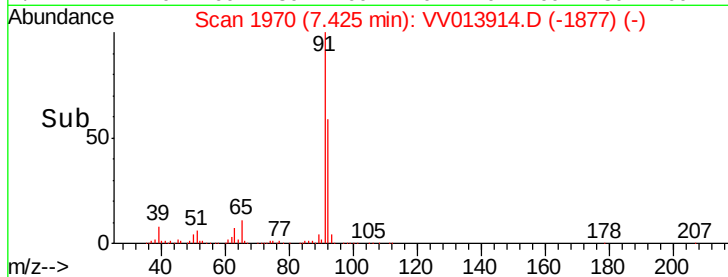
Ion Ratio Lower Upper

91 100

92 59.4 41.4 77.0



Abundance Ion 91.00 (90.70 to 91.70): VV013914.D (-1877) (-)



#46

Tetrachloroethene

Concen: 0.574 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VV013914.D

Acq: 05 Dec 2019 14:23

Tgt Ion: 164 Resp: 2476

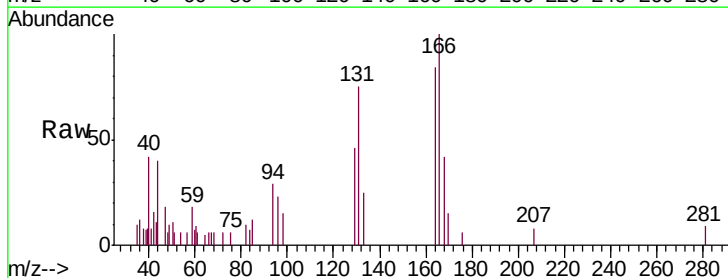
Ion Ratio Lower Upper

164 100

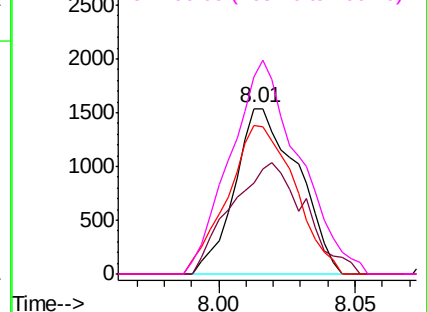
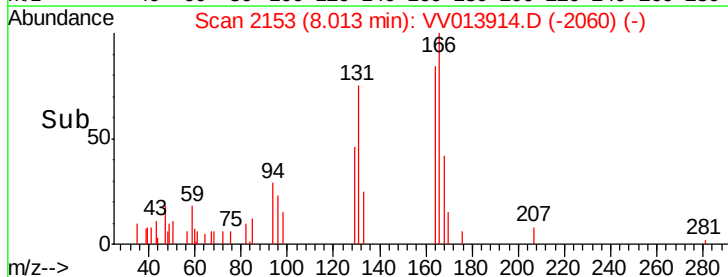
129 54.8 61.7 114.7#

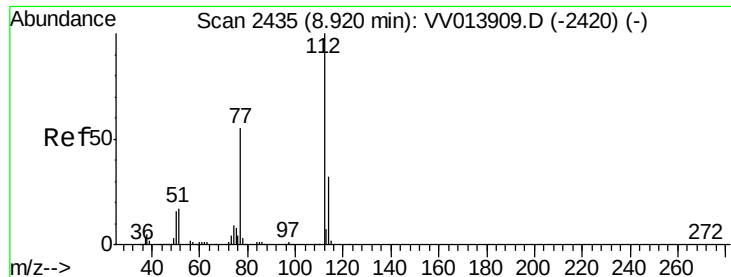
131 89.5 58.4 108.6

166 118.6 93.4 173.6



Abundance Ion 164.00 (163.70 to 164.70): VV013914.D (-2060) (-)

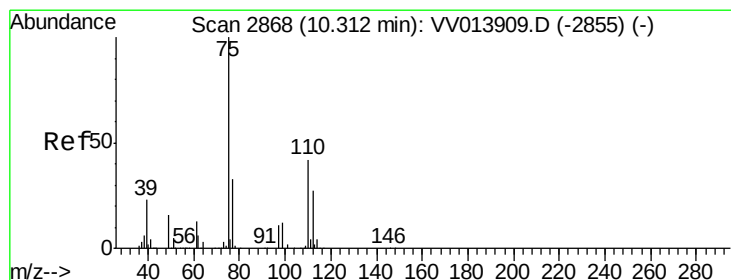
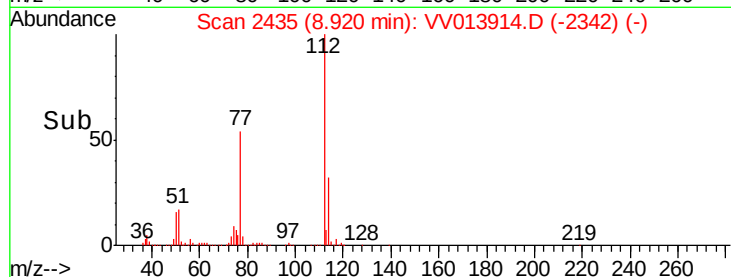
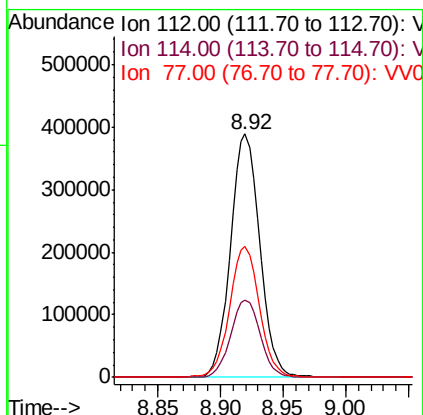
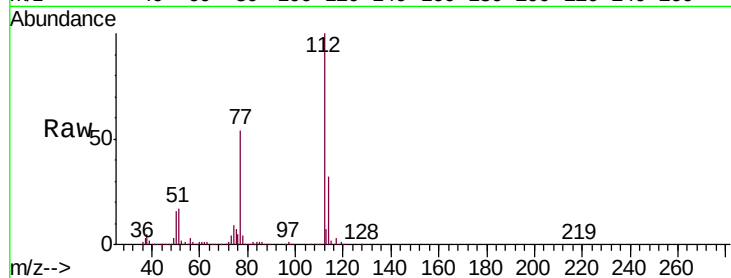




#51
Chlorobenzene
Concen: 49.863 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV013914.D
Acq: 05 Dec 2019 14:23

Instrument :
MSVOA_V
ClientSampled :
DBBS1MS

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	23.2	43.2
77	53.7	45.0	67.4



#59
1,2,3-Trichloropropane
Concen: 4.737 ug/L
RT: 11.29 min Scan# 3171
Delta R.T. 0.97 min
Lab File: VV013914.D
Acq: 05 Dec 2019 14:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.8	38.8

