

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009597.D
 Acq On : 30 Mar 2019 18:27
 Operator : SY/VA
 Sample : K2167-12
 Misc : 5.68G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF113

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:02:13 AM

Quant Time: Mar 30 22:10:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	439957	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	423603	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184594	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	156786	29.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.28%
7) Chloroethane-d5	2.89	69	146642	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.36%
10) 1,1-Dichloroethene-d2	4.01	63	251876	22.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.68%
20) 2-Butanone-d5	7.07	46	96323	44.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.60%
24) Chloroform-d	7.64	84	309741	25.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	8.30	65	192821m	26.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.64%
29) Benzene-d6	8.27	84	584318	25.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.04%
33) 1,2-Dichloropropane-d6	9.27	67	176470	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
37) Toluene-d8	10.32	98	524317	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.08%
38) trans-1,3-Dichloropropene-	10.58	79	76600	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.96%
39) 2-Hexanone-d5	10.92	63	75793	44.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158262	22.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	179990	25.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	35936m	6.633	ug/L	
13) Acetone	4.12	43	6431	3.607	ug/L	83
19) 1,1-Dichloroethane	6.20	63	13341	1.285	ug/L	89
22) cis-1,2-Dichloroethene	7.16	96	28765	4.662	ug/L	96
35) Trichloroethene	9.09	95	33645	5.446	ug/L	97
47) Tetrachloroethene	10.86	164	1441822	276.202	ug/L	98

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

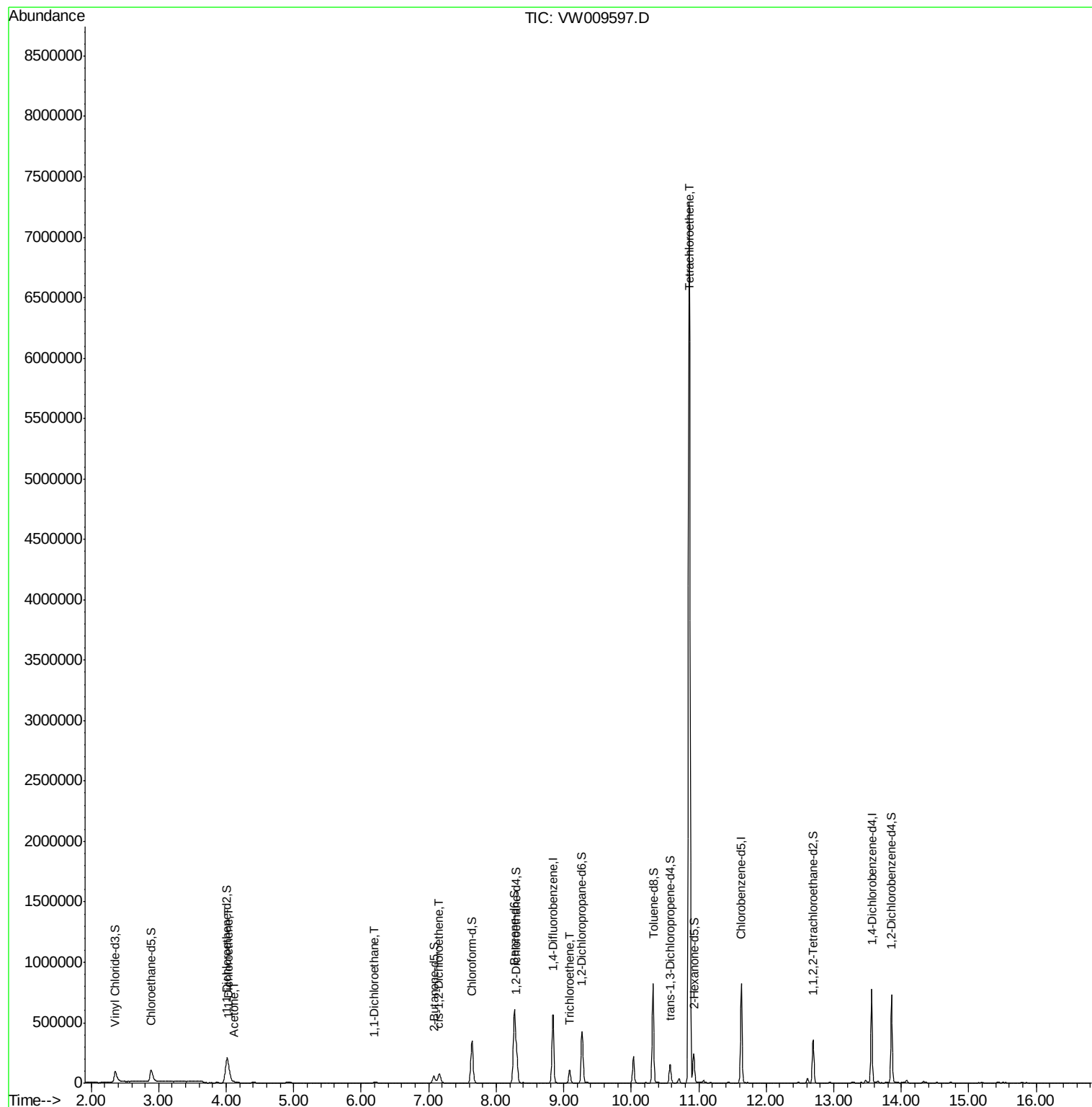
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
Data File : VW009597.D
Acq On : 30 Mar 2019 18:27
Operator : SY/VA
Sample : K2167-12
Misc : 5.68G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

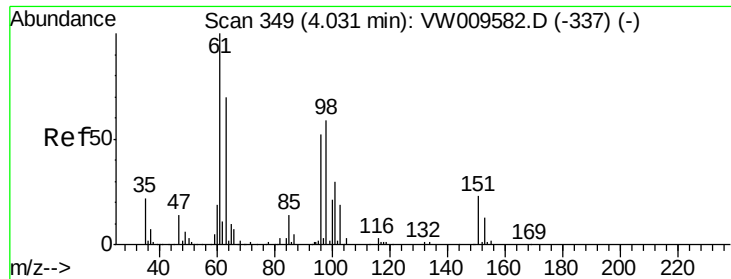
Instrument :
MSVOA_W
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
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QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration





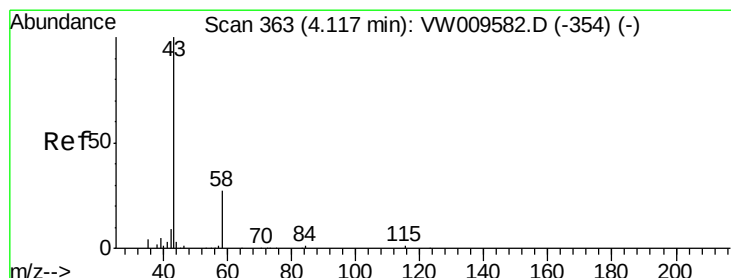
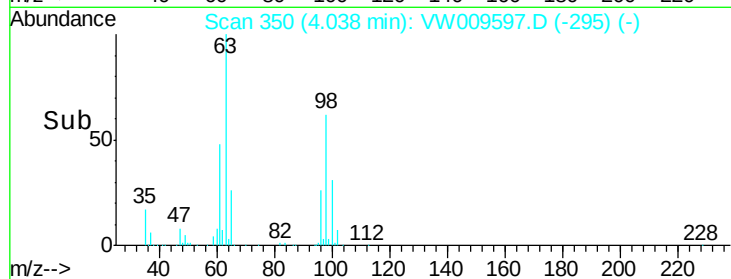
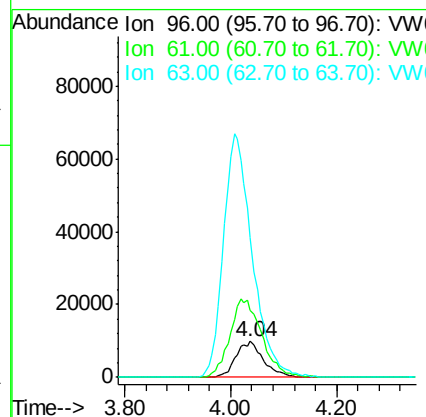
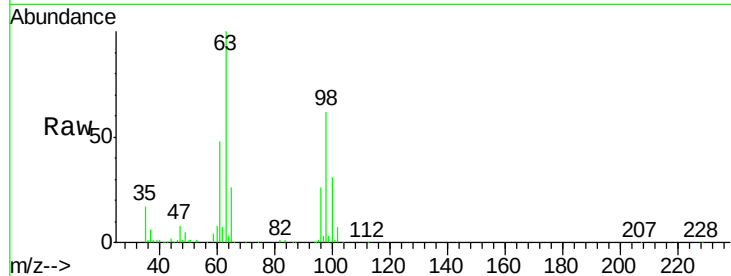
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1,1-Dichloroethene
Concen: 6.633 ug/L m
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW009597.D
Acq: 30 Mar 2019 18:27

Instrument :
MSVOA_W
ClientSampleId :
BF113

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.6	129.4	240.2
63	390.4	116.8	217.0

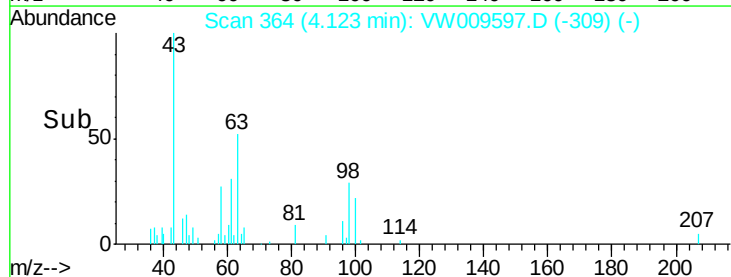
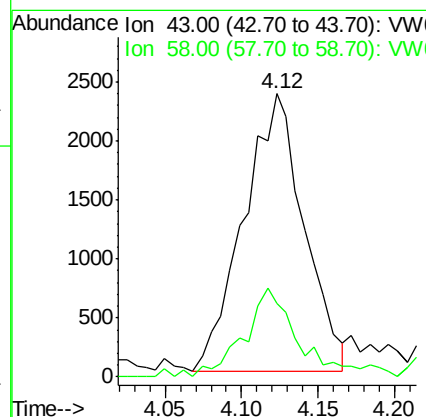
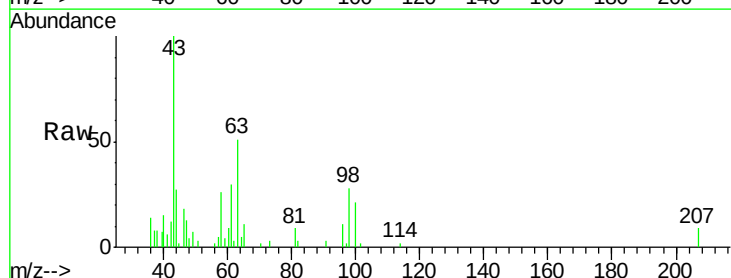
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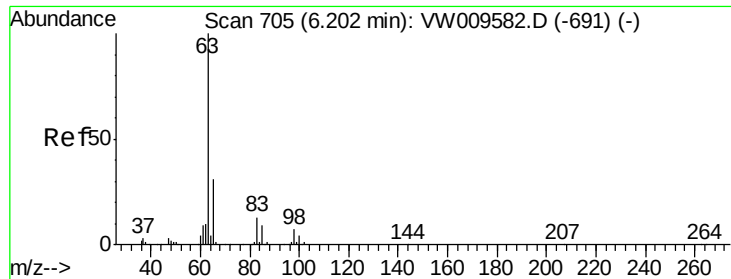
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#13
Acetone
Concen: 3.607 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009597.D
Acq: 30 Mar 2019 18:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	19.3	0.0	56.2





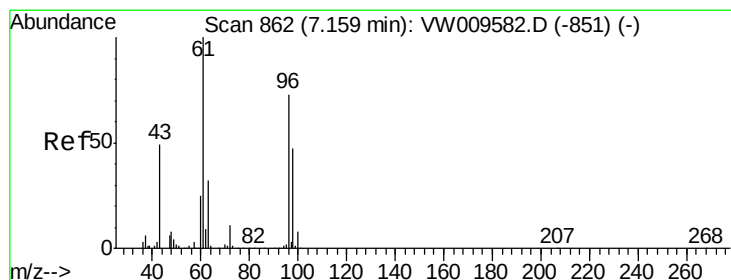
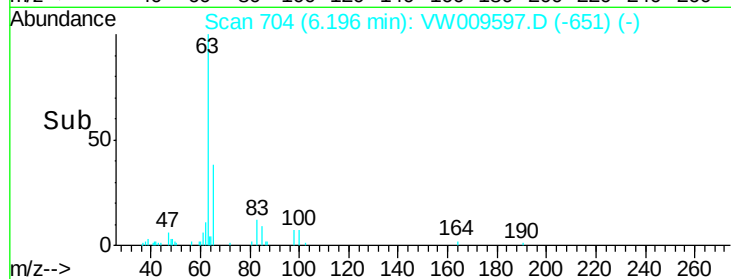
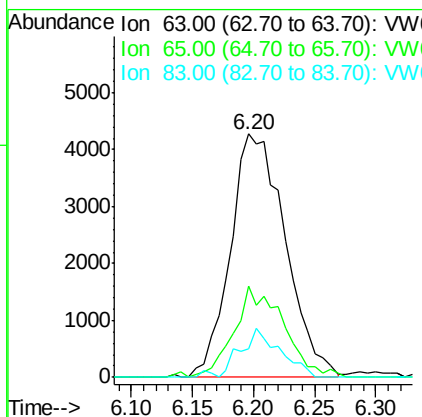
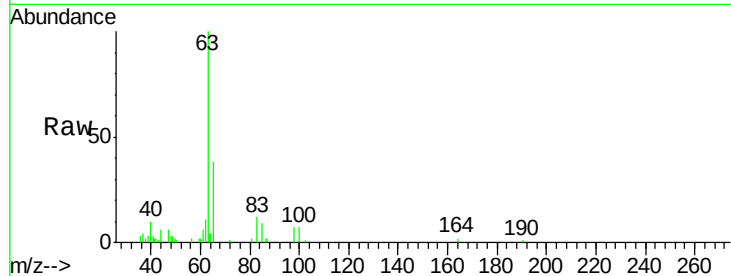
#19
 1,1-Dichloroethane
 Concen: 1.285 ug/L
 RT: 6.20 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VW009597.D
 Acq: 30 Mar 2019 18:27

Instrument :
 MSVOA_W
 ClientSampled :
 BF113

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	13341		
65	37.8	21.6	40.0	
83	11.8	10.1	18.7	

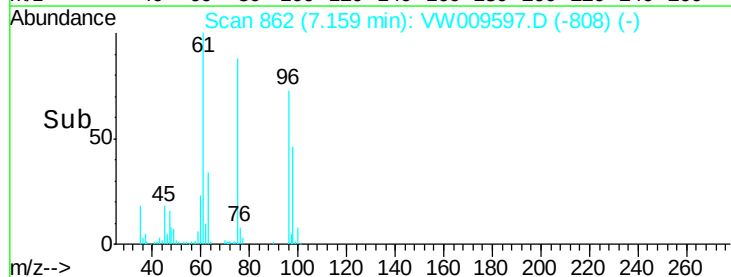
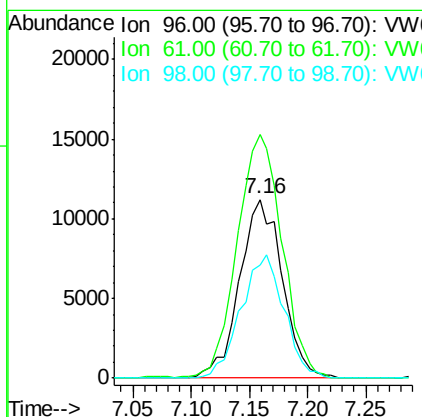
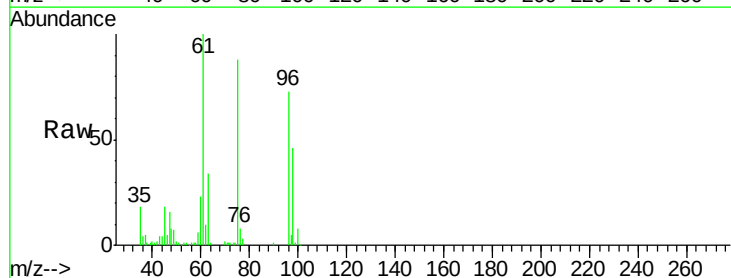
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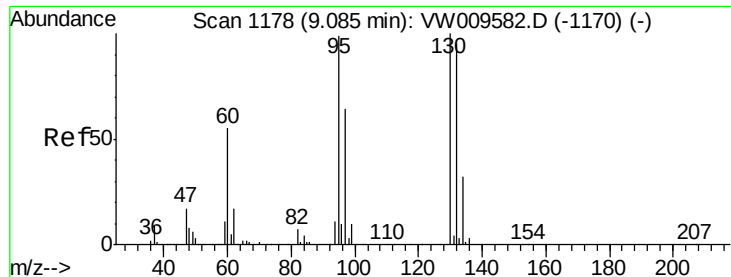
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 4/1/2019 4:02:13 AM



#22
 cis-1,2-Dichloroethene
 Concen: 4.662 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW009597.D
 Acq: 30 Mar 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	28765		
61	136.5	90.6	168.3	
98	63.1	44.0	81.8	





#35

Trichloroethene

Concen: 5.446 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009597.D

Acq: 30 Mar 2019 18:27

Instrument :

MSVOA_W

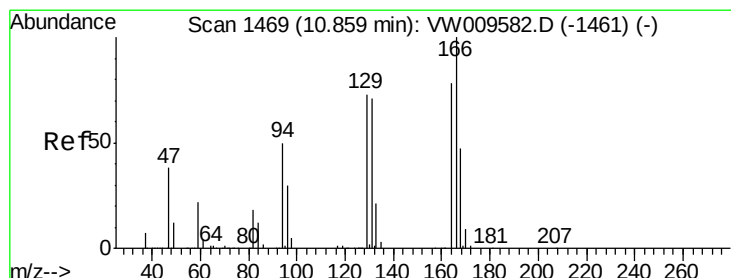
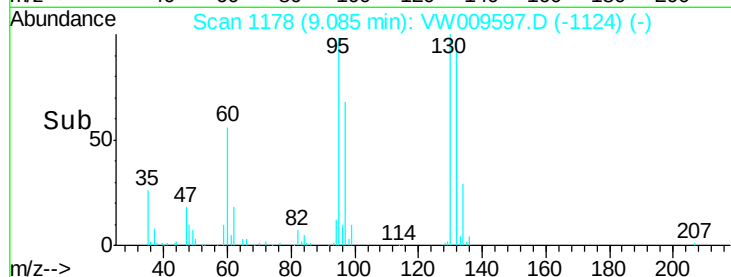
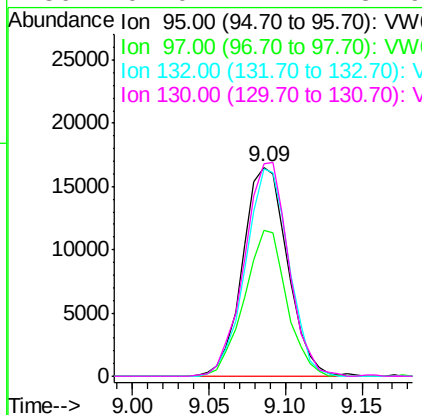
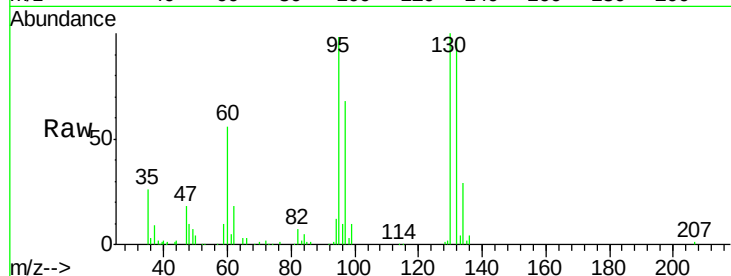
ClientSampled :

BF113

Tgt Ion	95	Resp:	33645
Ion Ratio	Lower	Upper	
95	100		
97	66.0	44.7	82.9
132	96.0	69.0	128.2
130	101.0	72.7	134.9

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#47

Tetrachloroethene

Concen: 276.202 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009597.D

Acq: 30 Mar 2019 18:27

Tgt Ion	164	Resp:	1441822
Ion Ratio	Lower	Upper	
164	100		
129	94.7	66.5	123.5
131	91.2	62.6	116.3
166	126.8	91.6	170.0

