

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009351.D
 Acq On : 22 Mar 2019 16:26
 Operator : SY/VA
 Sample : K2017-13
 Misc : 5.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0D9

Manual Integrations
 APPROVED

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 3/25/2019 8:29:34 AM

Quant Time: Mar 23 01:01:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	357161	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324878	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127415	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	108726	25.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.88%
7) Chloroethane-d5	2.90	69	107683	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.24%
10) 1,1-Dichloroethene-d2	4.01	63	166874	18.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.36%
20) 2-Butanone-d5	7.08	46	82239	46.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.18%
24) Chloroform-d	7.65	84	245593	25.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	8.31	65	145076	24.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.84%
29) Benzene-d6	8.27	84	443995	24.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.12%
33) 1,2-Dichloropropane-d6	9.27	67	137935	25.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.52%
37) Toluene-d8	10.32	98	378047	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.28%
38) trans-1,3-Dichloropropene-	10.58	79	56843	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.12%
39) 2-Hexanone-d5	10.93	63	58009	44.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123700	23.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	122271	25.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.12%

Target Compounds

					Ovalue
13) Acetone	4.12	43	25657	17.725	ug/L 94
14) Carbon disulfide	4.37	76	7703	0.651	ug/L 98
16) Methylene chloride	4.92	84	14293	2.744	ug/L 82
18) trans-1,2-Dichloroethene	5.42	96	2580m	0.558	ug/L
22) cis-1,2-Dichloroethene	7.17	96	65467	13.069	ug/L 96
35) Trichloroethene	9.09	95	14220	3.001	ug/L 95
44) Toluene	10.39	91	9093	0.468	ug/L 99

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

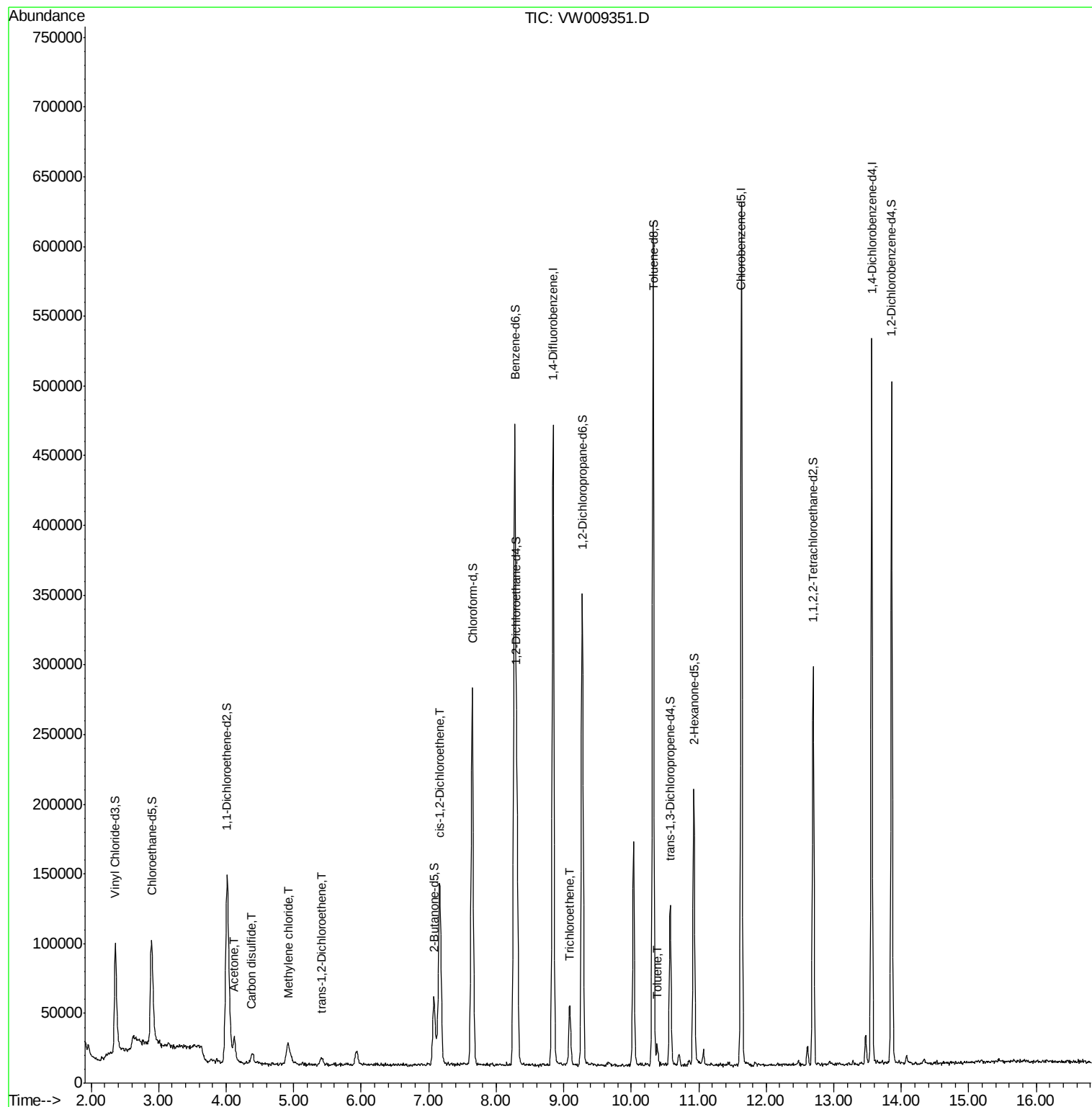
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032219\
Data File : VW009351.D
Acq On : 22 Mar 2019 16:26
Operator : SY/VA
Sample : K2017-13
Misc : 5.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

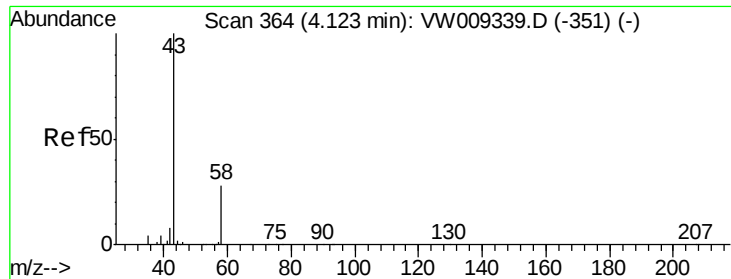
Instrument :
MSVOA_W
ClientSampleId :
BF0D9

Manual Integrations
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Quant Time: Mar 23 01:01:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 00:14:14 2019
Response via : Initial Calibration





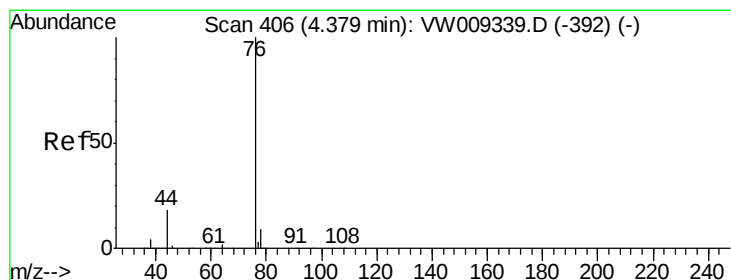
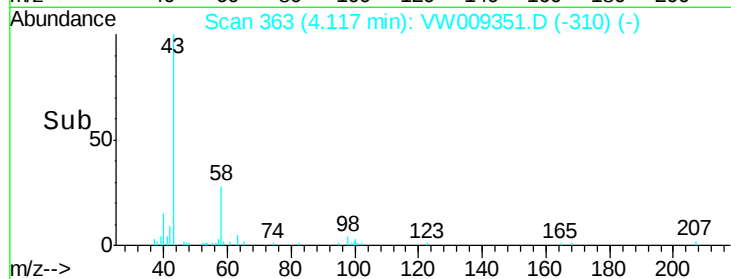
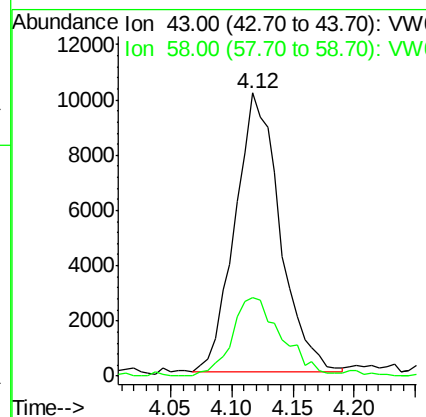
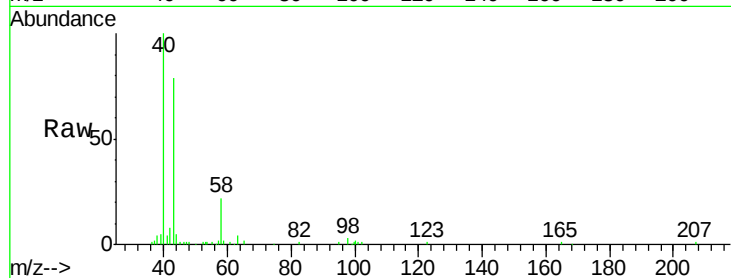
#13
Acetone
Concen: 17.725 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009351.D
Acq: 22 Mar 2019 16:26

Instrument :
MSVOA_W
ClientSampleId :
BF0D9

Tot Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	56.2

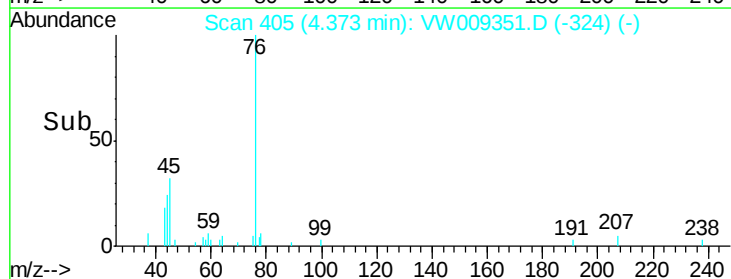
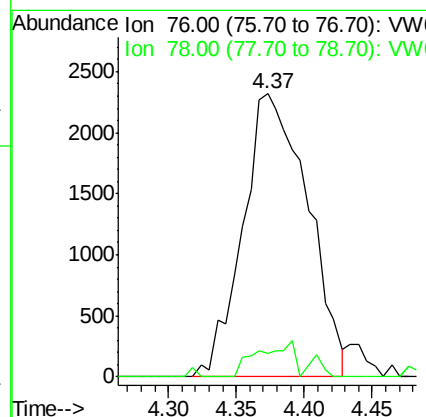
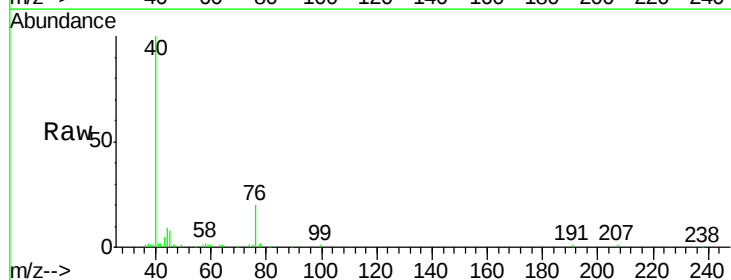
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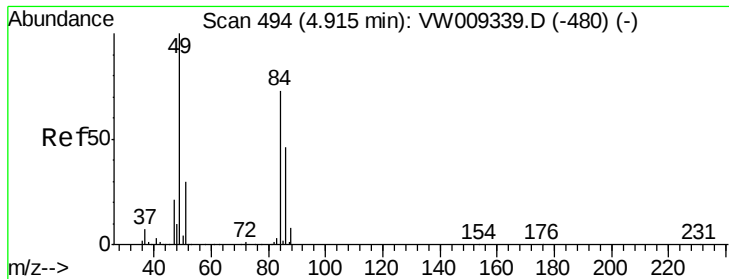
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#14
Carbon disulfide
Concen: 0.651 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009351.D
Acq: 22 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9





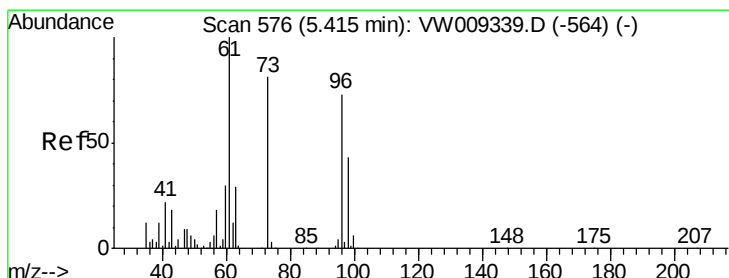
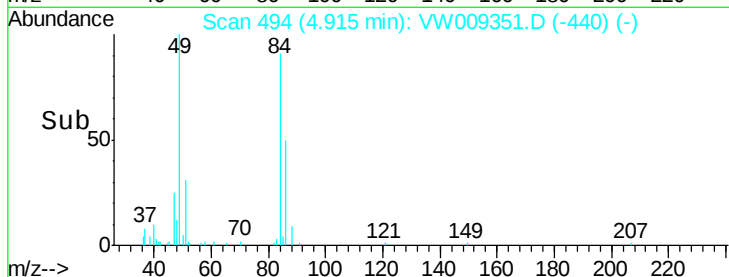
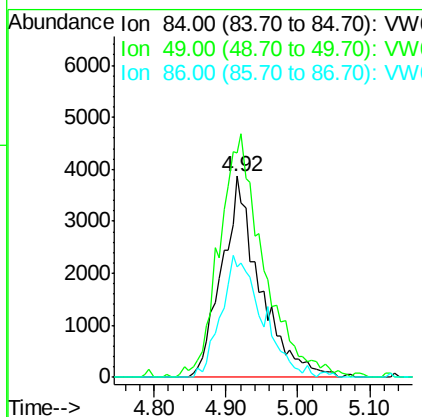
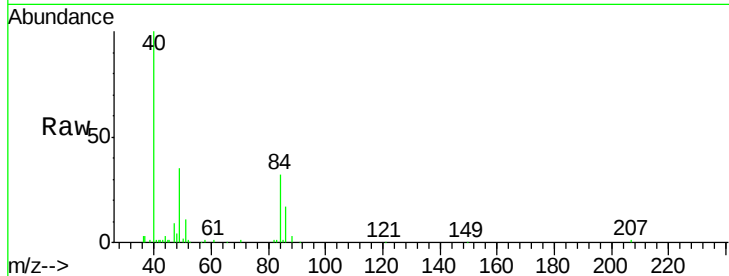
#16
Methvlene chloride
Concen: 2.744 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009351.D
Acq: 22 Mar 2019 16:26

Instrument :
MSVOA_W
ClientSampleId :
BF0D9

Tot Ion	Ratio	Lower	Upper
84	100		
49	111.7	96.0	178.2
86	54.8	44.4	82.5

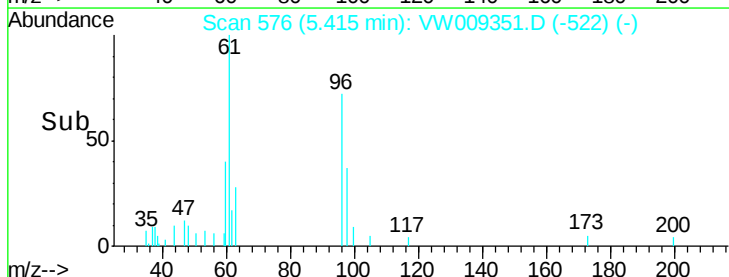
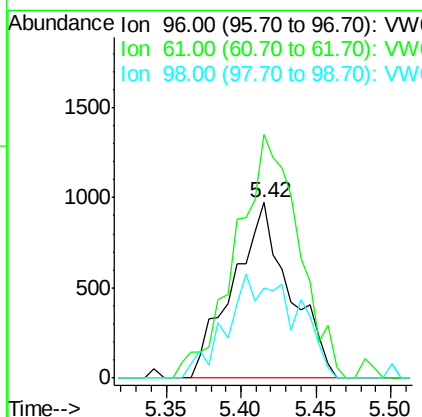
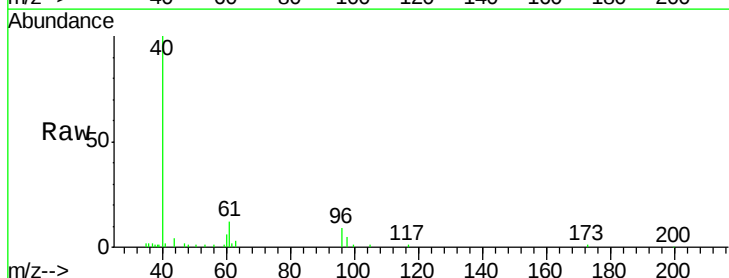
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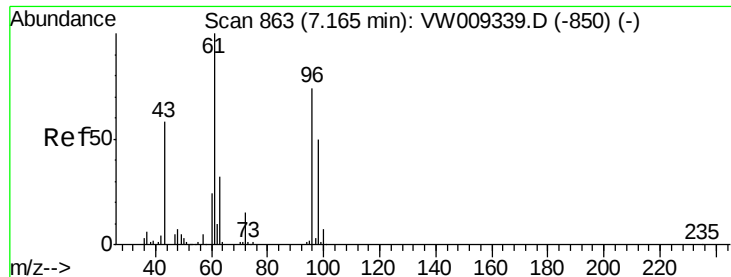
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#18
trans-1,2-Dichloroethene
Concen: 0.558 ug/L m
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW009351.D
Acq: 22 Mar 2019 16:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.7	96.7	179.5
98	51.6	43.8	81.4





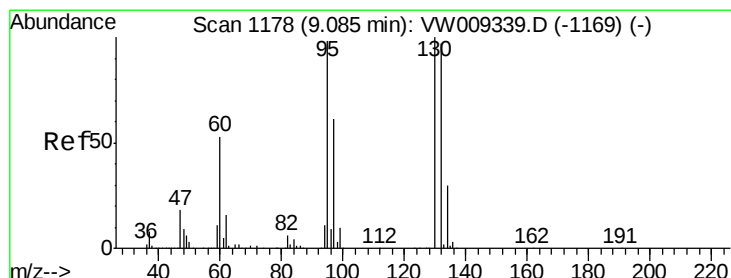
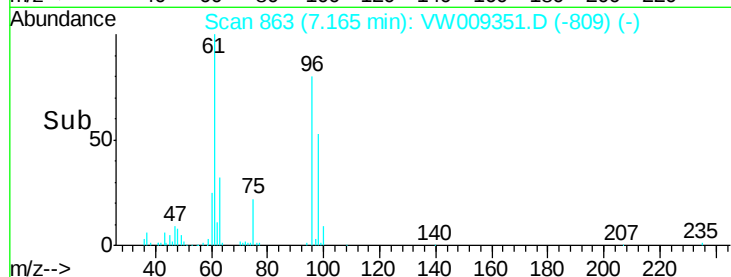
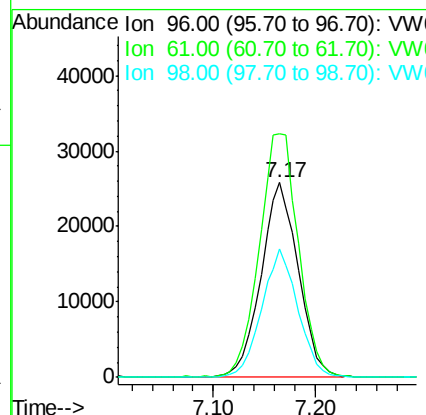
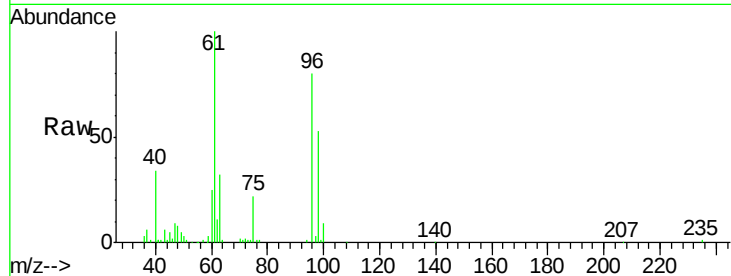
#22
 cis-1,2-Dichloroethene
 Concen: 13.069 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW009351.D
 Acq: 22 Mar 2019 16:26

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0D9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		65467		
61	125.0		90.6	168.3	
98	65.8		44.0	81.8	

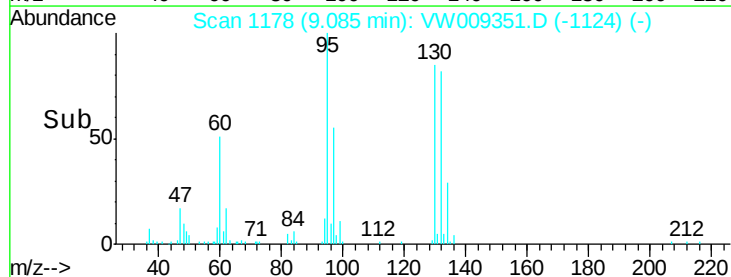
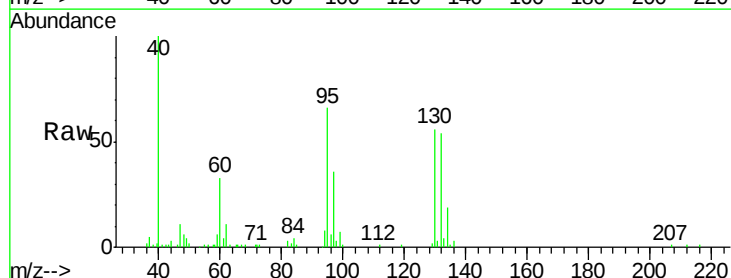
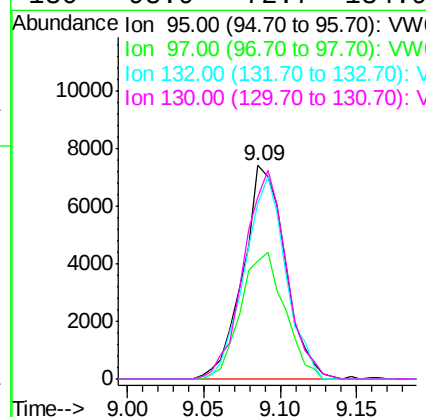
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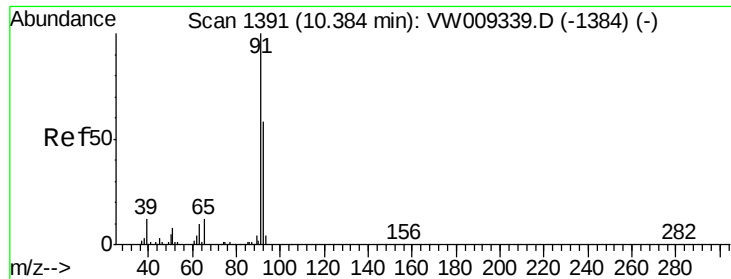
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#35
 Trichloroethene
 Concen: 3.001 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009351.D
 Acq: 22 Mar 2019 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		14220		
97	61.6		44.7	82.9	
132	92.6		69.0	128.2	
130	98.9		72.7	134.9	





#44
Toluene
Concen: 0.468 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW009351.D
Acq: 22 Mar 2019 16:26

Instrument :
MSVOA_W
ClientSampleId :
BF0D9

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.9	39.8	73.8

Manual Integrations
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