

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009727.D
 Acq On : 05 Apr 2019 12:46
 Operator : SY/VA
 Sample : K2246-17
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2Q5

Manual Integrations
 APPROVED

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 4/8/2019 3:32:57 AM

Quant Time: Apr 05 13:58:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:15:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	330986	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329997	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138504	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88789	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
7) Chloroethane-d5	2.89	69	90299	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
10) 1,1-Dichloroethene-d2	4.01	63	164731	17.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.76%
20) 2-Butanone-d5	7.07	46	99310	70.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.24%#
24) Chloroform-d	7.65	84	228726	25.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.32%
26) 1,2-Dichloroethane-d4	8.31	65	152297	27.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.88%
29) Benzene-d6	8.27	84	416572	24.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.20%
33) 1,2-Dichloropropane-d6	9.27	67	134118	25.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.28%
37) Toluene-d8	10.32	98	367169	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.68%
38) trans-1,3-Dichloropropene-	10.57	79	55402	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.84%
39) 2-Hexanone-d5	10.93	63	63442	62.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147593	29.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	135824	27.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	3639	2.415	ug/L	87
16) Methylene chloride	4.93	84	14965m	2.564	ug/L	
47) Tetrachloroethene	10.86	164	45298	11.069	ug/L	96

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

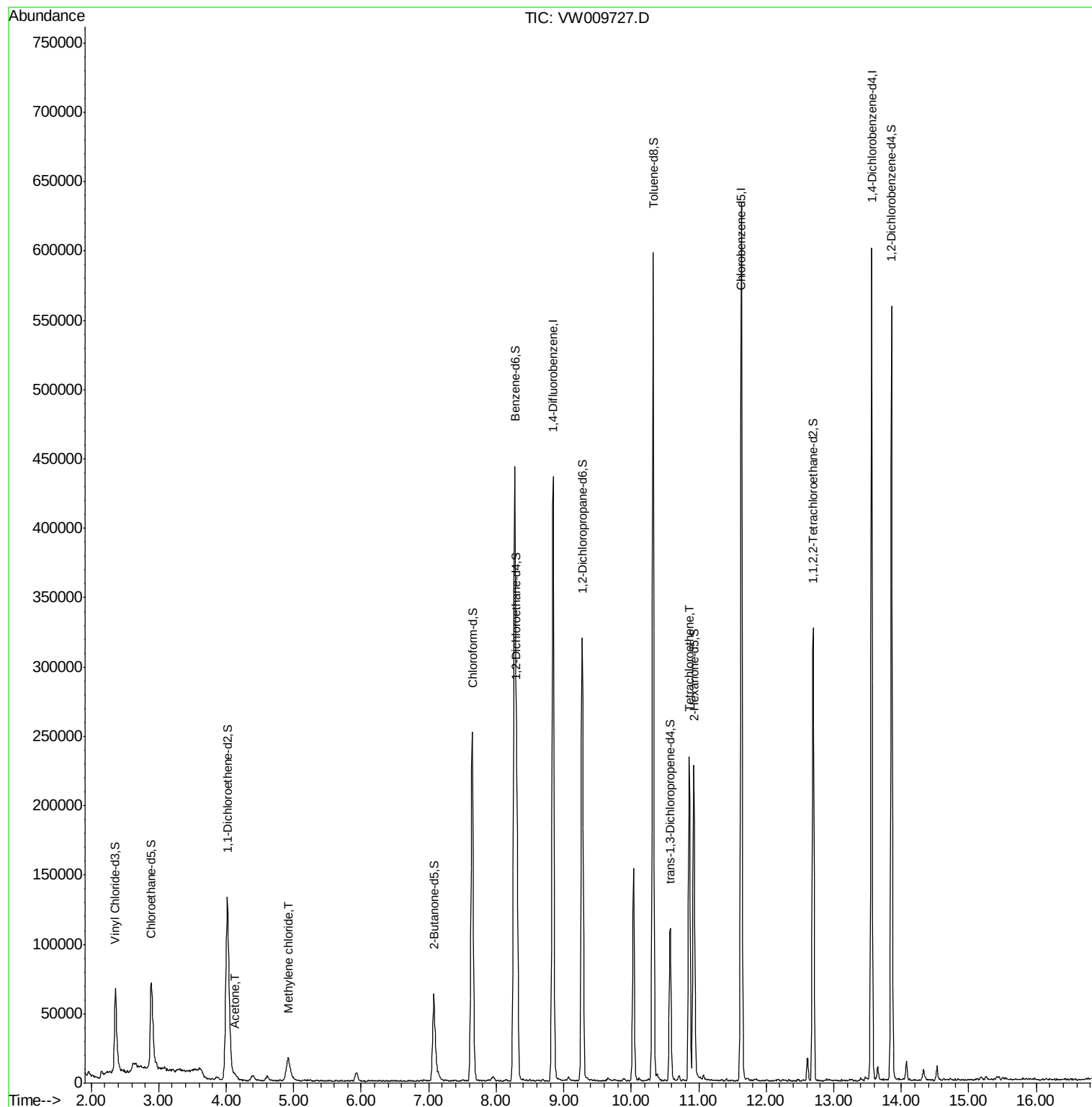
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040519\
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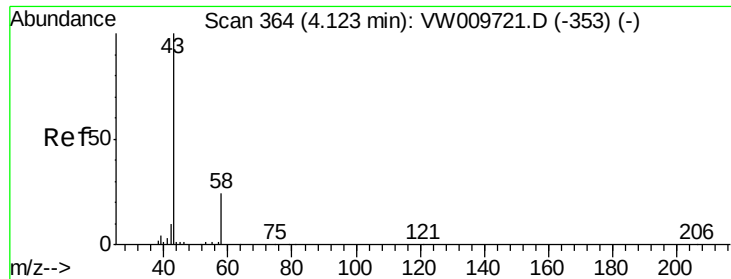
Instrument :
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Response via : Initial Calibration





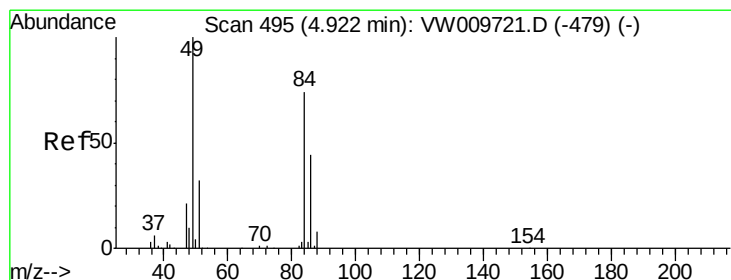
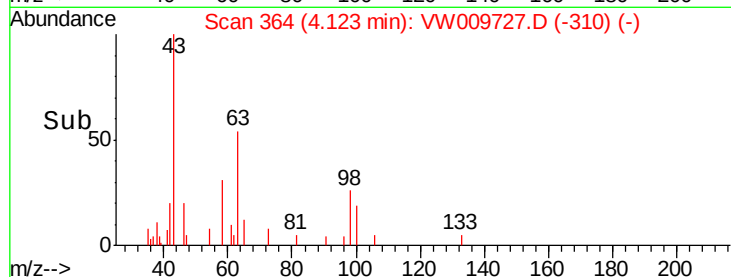
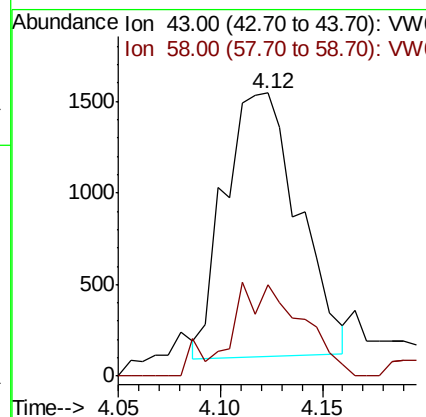
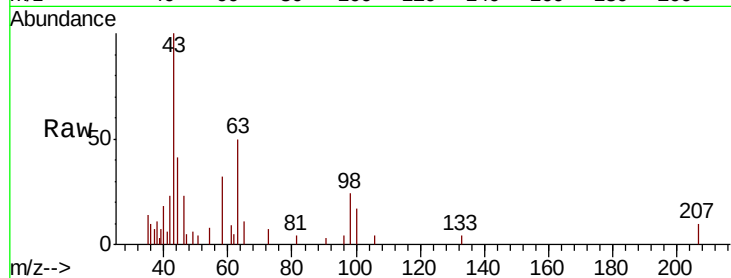
#13
Acetone
Concen: 2.415 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009727.D
Acq: 05 Apr 2019 12:46

Instrument :
MSVOA_W
ClientSampleId :
BF2Q5

Tot Ion	43	Resp	3639
Ion Ratio	Lower	Upper	
43	100		
58	20.0	0.0	53.0

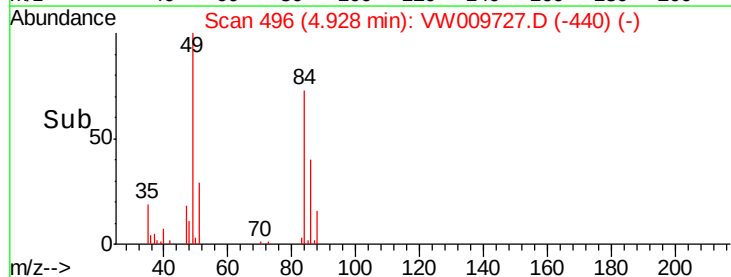
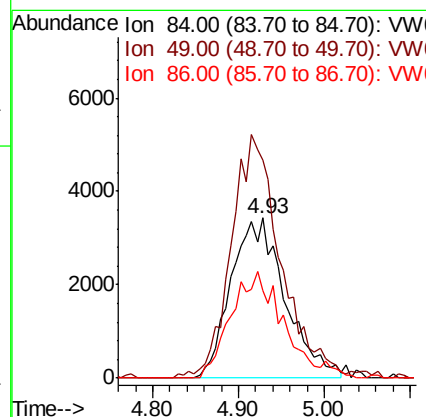
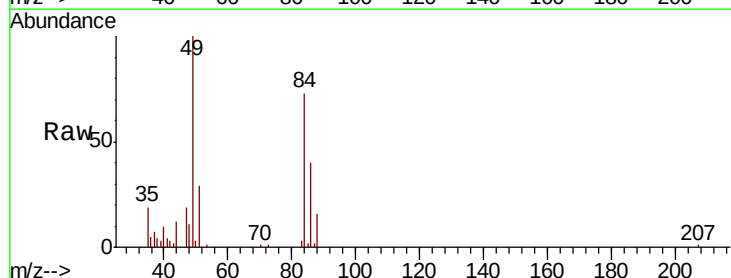
Manual Integrations
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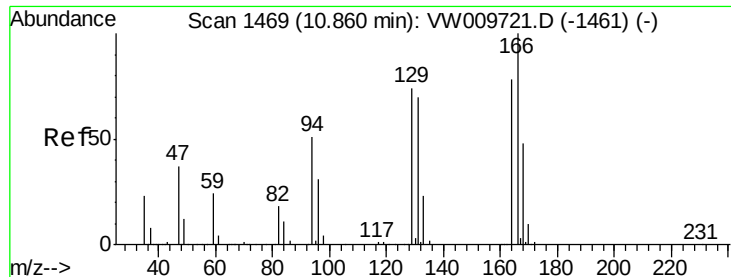
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#16
Methylene chloride
Concen: 2.564 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW009727.D
Acq: 05 Apr 2019 12:46

Tgt Ion	84	Resp	14965
Ion Ratio	Lower	Upper	
84	100		
49	136.1	98.3	182.5
86	54.3	46.4	86.2





#47
Tetrachloroethene
Concen: 11.069 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009727.D
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Tot Ion	Ratio	Lower	Upper
164	100		
129	92.2	68.9	127.9
131	92.3	63.1	117.1
166	129.4	88.5	164.4

Manual Integrations
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