

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009773.D
 Acq On : 06 Apr 2019 15:29
 Operator : SY/VA
 Sample : K2327-06
 Misc : 7.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2S3

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:05 AM

Quant Time: Apr 24 06:03:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	466400	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	439581	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176437	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	157612	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.28%
7) Chloroethane-d5	2.89	69	142657	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.04%
10) 1,1-Dichloroethene-d2	4.01	63	271041	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.60%
20) 2-Butanone-d5	7.07	46	94239	47.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.12%
24) Chloroform-d	7.65	84	355662	27.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	8.30	65	212214	27.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.64%
29) Benzene-d6	8.27	84	670539	29.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.24%
33) 1,2-Dichloropropane-d6	9.27	67	205340	28.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.24%
37) Toluene-d8	10.32	98	602437	28.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.96%
38) trans-1,3-Dichloropropene-	10.58	79	86269	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.52%
39) 2-Hexanone-d5	10.93	63	67333	50.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	160578	24.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	186658	30.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.60%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	6019	2.835	ug/L	89
16) Methylene chloride	4.90	84	8796m	1.069	ug/L	
35) Trichloroethene	9.09	95	24961	3.606	ug/L	97
47) Tetrachloroethene	10.86	164	3300	0.605	ug/L	83

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

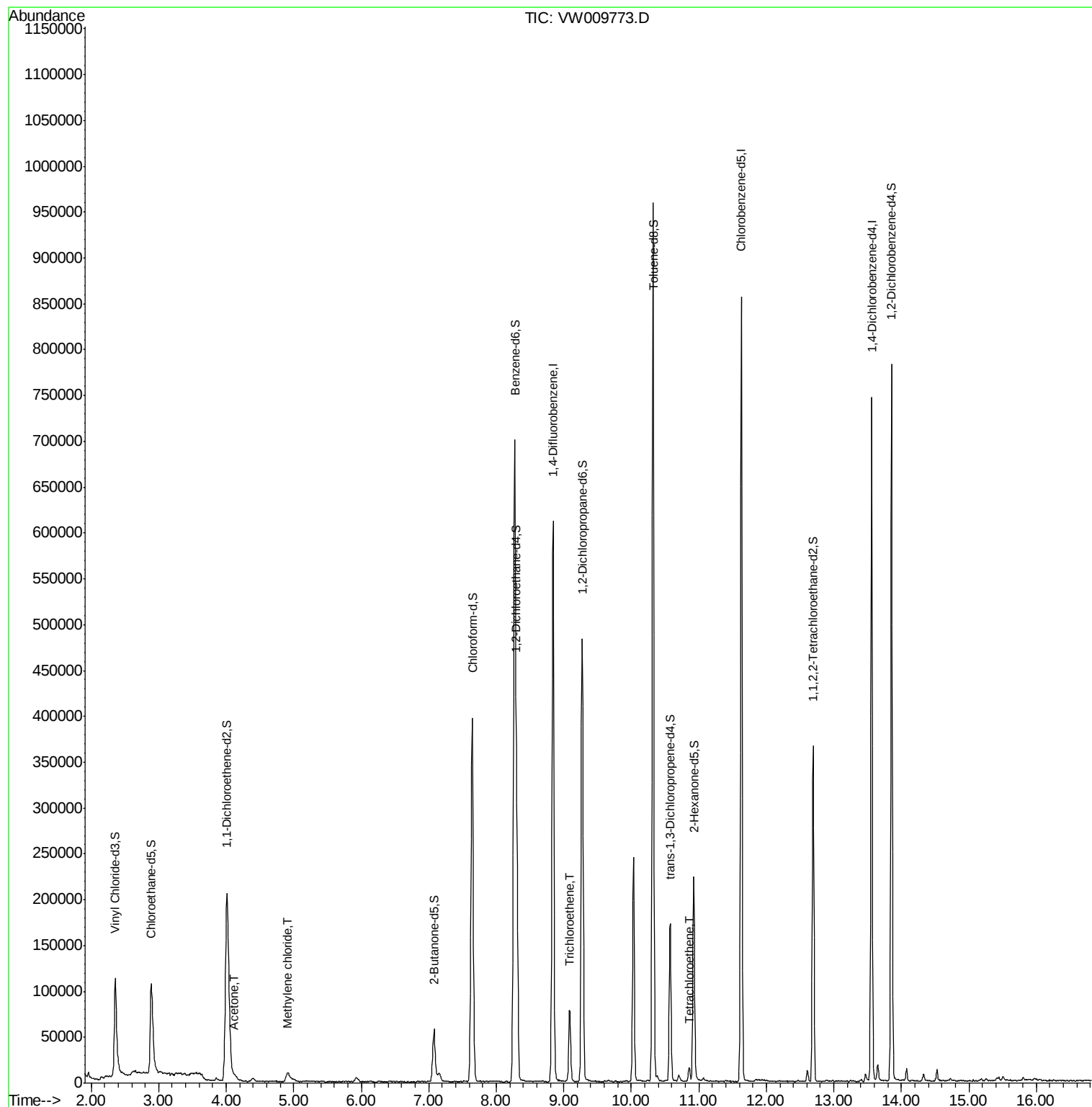
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
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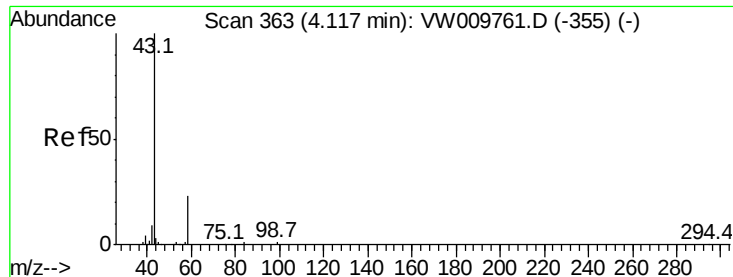
Instrument :
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Response via : Initial Calibration





#13

Acetone

Concen: 2.835 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009773.D

Acq: 06 Apr 2019 15:29

Instrument :

MSVOA_W

ClientSampled :

BF2S3

Tot Ion: 43 Resp: 6019

Ion Ratio Lower Upper

43 100

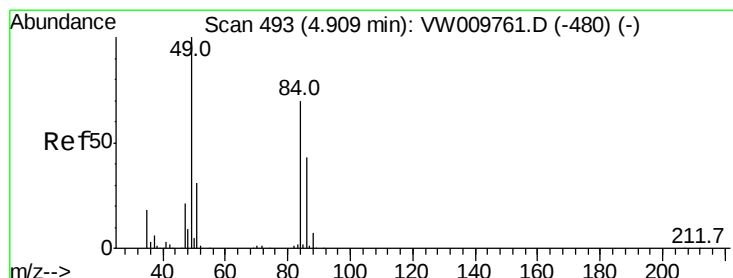
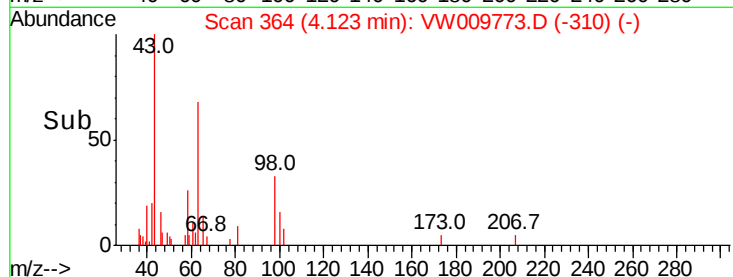
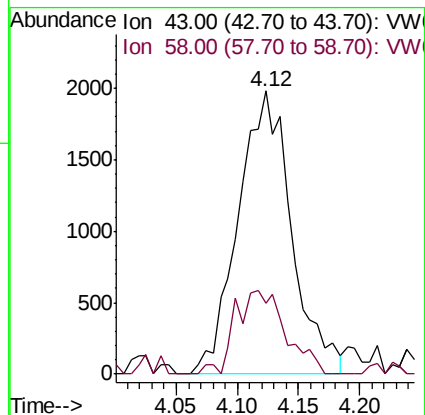
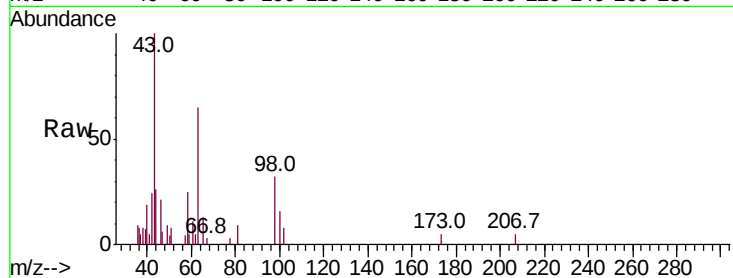
58 20.9 0.0 53.0

Manual Integrations

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#16

Methylene chloride

Concen: 1.069 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009773.D

Acq: 06 Apr 2019 15:29

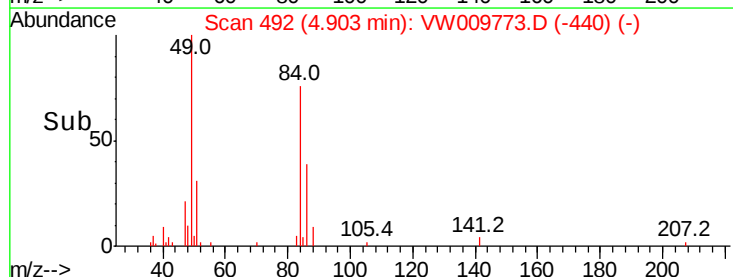
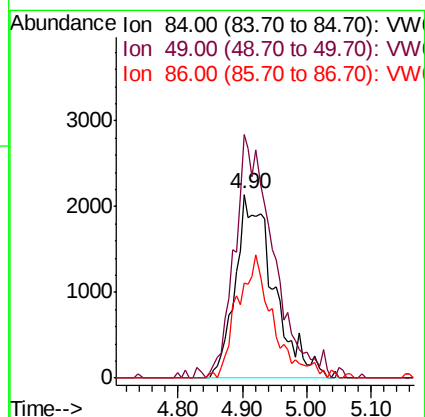
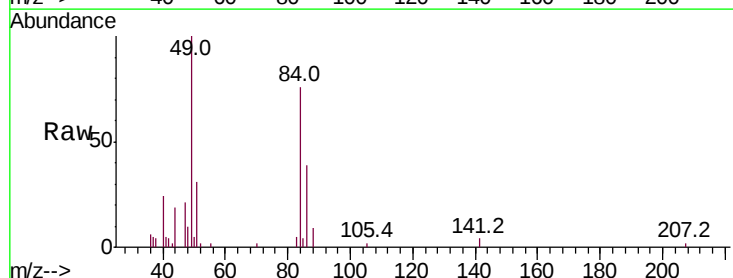
Tgt Ion: 84 Resp: 8796

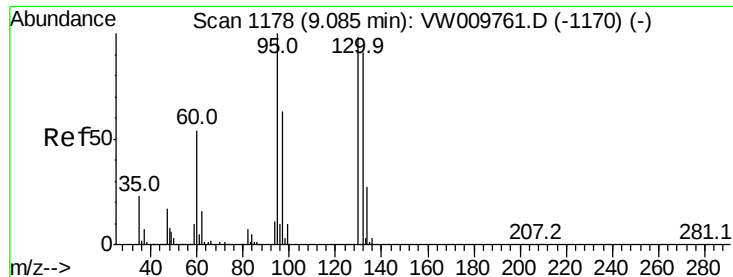
Ion Ratio Lower Upper

84 100

49 132.4 98.3 182.5

86 51.7 46.4 86.2





#35

Trichloroethene

Concen: 3.606 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009773.D

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Instrument :

MSVOA_W

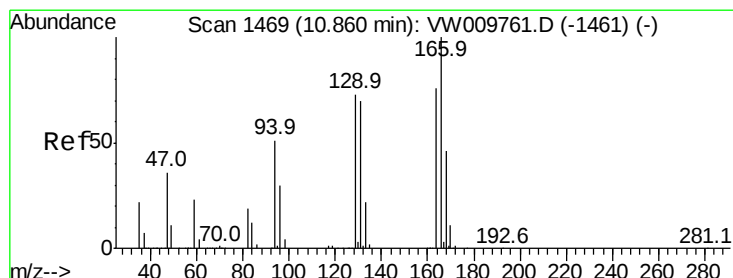
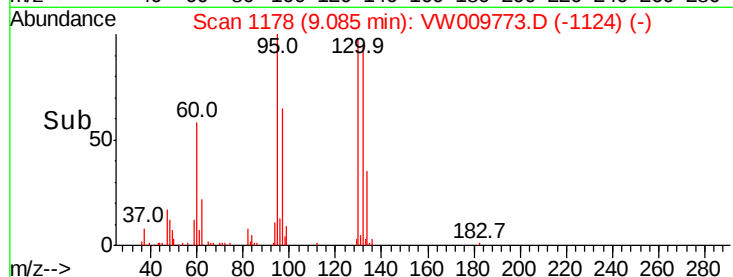
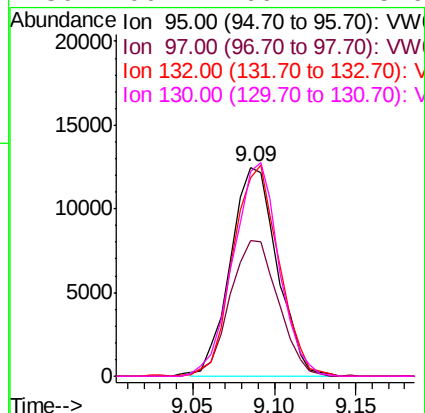
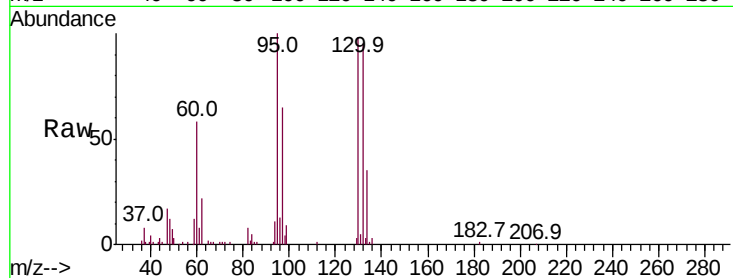
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BF2S3

Tot Ion	Ratio	Lower	Upper
95	100		
97	67.1	44.9	83.5
132	99.2	67.1	124.7
130	100.2	69.2	128.6

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#47

Tetrachloroethene

Concen: 0.605 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009773.D

Acq: 06 Apr 2019 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
129	74.2	68.9	127.9
131	67.1	63.1	117.1
166	119.6	88.5	164.4

