

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016716.D
 Acq On : 30 Sep 2020 16:51
 Operator : SY/VA
 Sample : L4201-01
 Misc : 4.61G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

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 10/5/2020 4:10:29 PM

Quant Time: Oct 01 06:30:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	636634	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	545889	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	250958	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	105190	17.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.28%
7) Chloroethane-d5	2.90	69	99326	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.96%
10) 1,1-Dichloroethene-d2	4.03	63	190841	13.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.40%
20) 2-Butanone-d5	7.09	46	66111	39.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.70%
24) Chloroform-d	7.65	84	312088	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.31	65	161570	23.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.52%
29) Benzene-d6	8.28	84	574423	23.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.84%
33) 1,2-Dichloropropane-d6	9.28	67	163051	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.32%
37) Toluene-d8	10.33	98	551375	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.56%
38) trans-1,3-Dichloropropene-	10.58	79	64229	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.80%
39) 2-Hexanone-d5	10.93	63	47671	39.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131042	23.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	193936	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

Target Compounds					Ovalue
13) Acetone	4.13	43	1832m	1.392 ug/L	
16) Methylene chloride	4.93	84	14790	1.506 ug/L	94
47) Tetrachloroethene	10.87	164	3944	0.516 ug/L	80

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

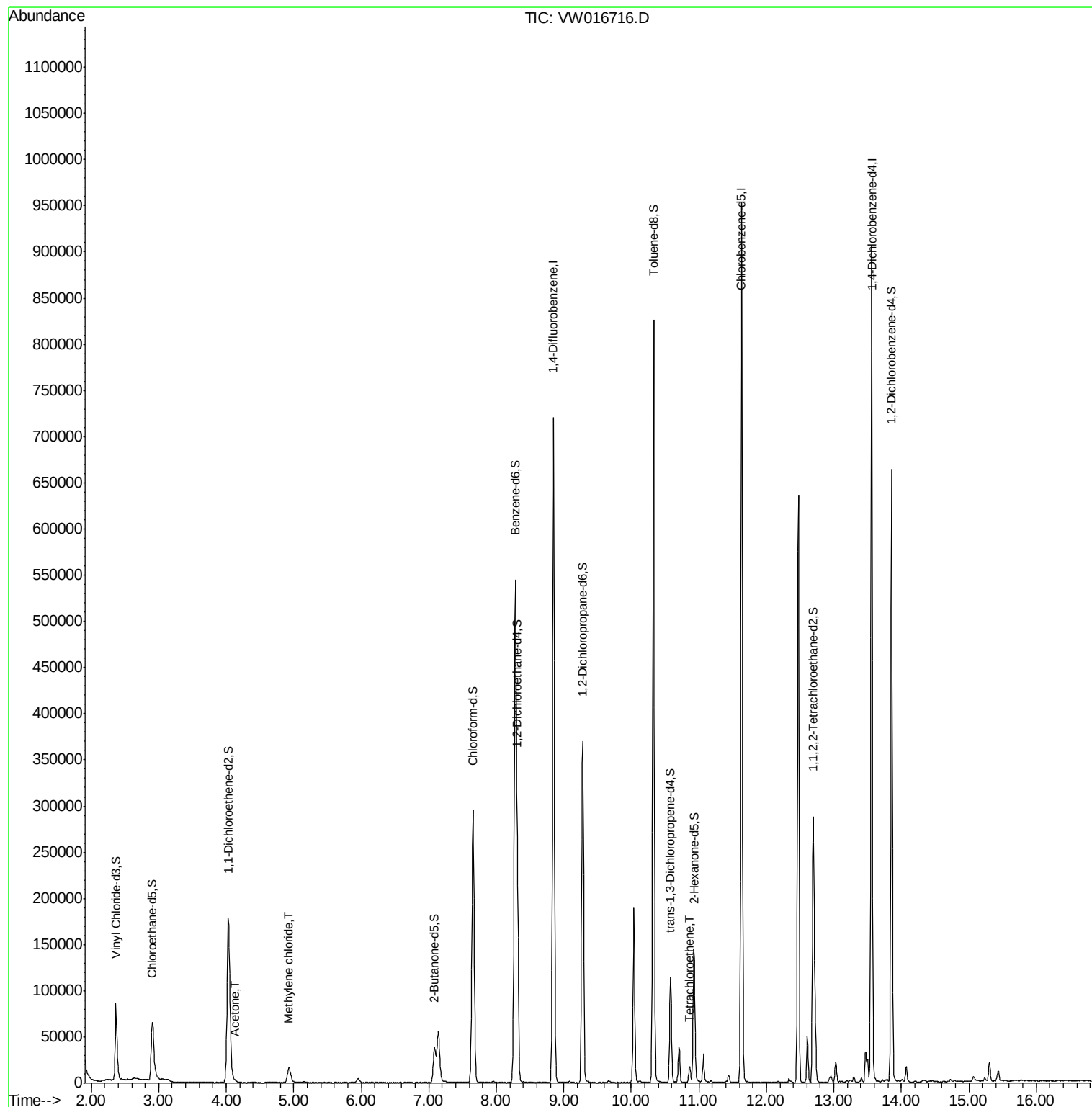
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW093020\
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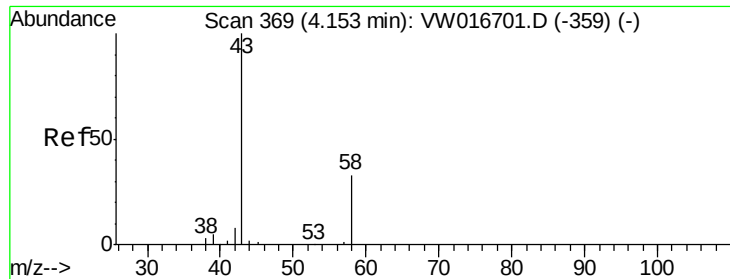
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Response via : Initial Calibration





#13

Acetone

Concen: 1.392 ug/L m

RT: 4.13 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016716.D

Acq: 30 Sep 2020 16:51

Tot Ion: 43 Resp: 1832

Ion Ratio Lower Upper

43 100

58 5.8 0.0 60.2

Instrument :

MSVOA_W

ClientSampleId :

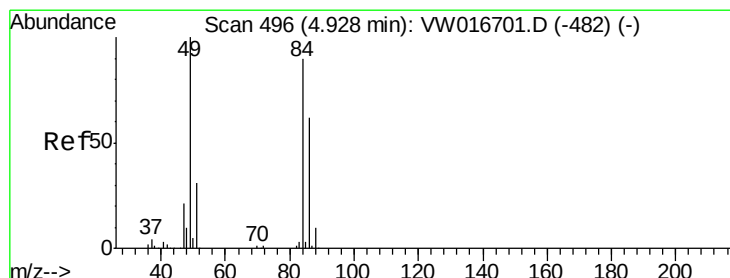
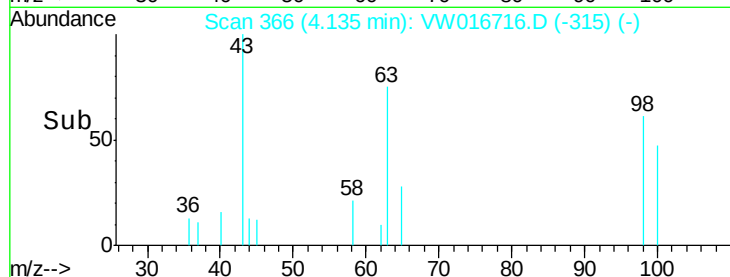
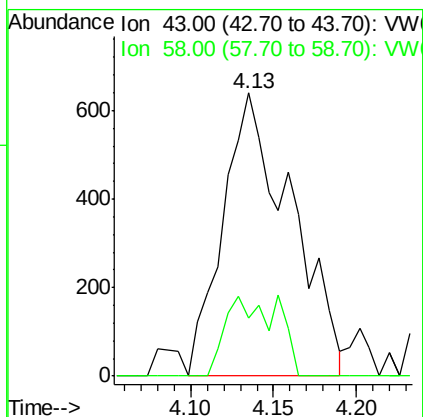
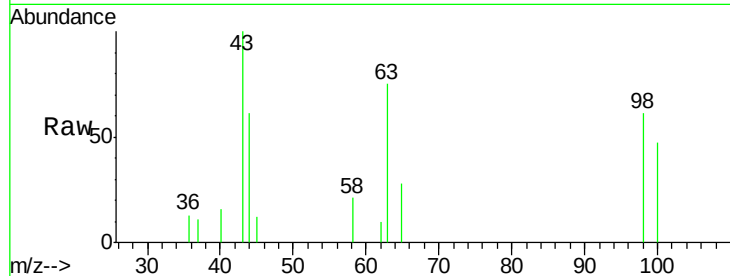
C0AJ9

Manual Integrations

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#16

Methylene chloride

Concen: 1.506 ug/L

RT: 4.93 min Scan# 496

Delta R.T. -0.00 min

Lab File: VW016716.D

Acq: 30 Sep 2020 16:51

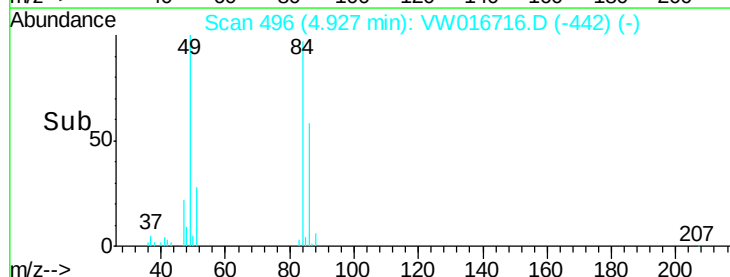
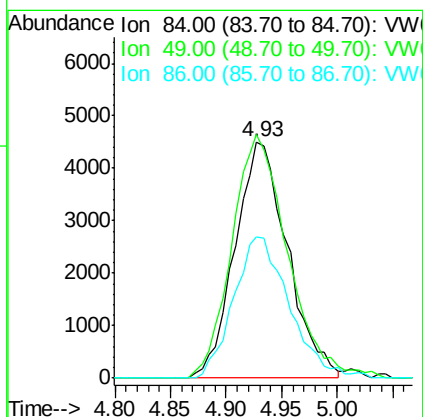
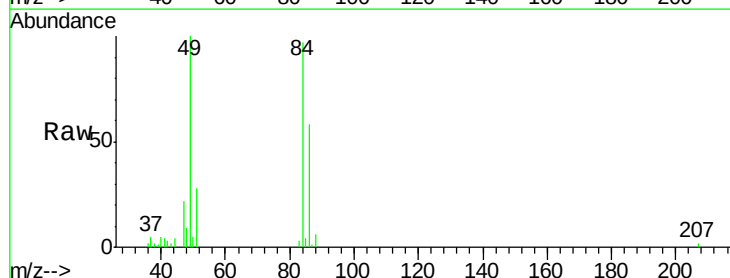
Tgt Ion: 84 Resp: 14790

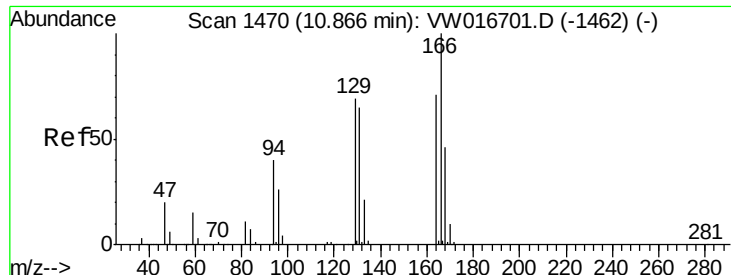
Ion Ratio Lower Upper

84 100

49 102.9 76.0 141.2

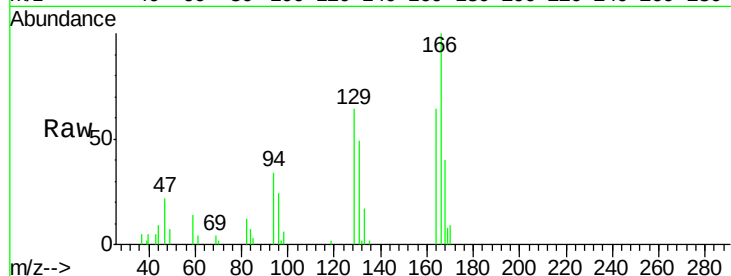
86 59.6 45.6 84.6





#47
Tetrachloroethene
Concen: 0.516 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
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Tot Ion:	164	Resp:	3944
Ion	Ratio	Lower	Upper
164	100		
129	99.4	55.6	103.2
131	77.2	57.2	106.2
166	156.3	86.5	160.6

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