

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016238.D
 Acq On : 18 Aug 2020 13:50
 Operator : SY/VA
 Sample : L3709-09
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSR2

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:24:24 PM

Quant Time: Aug 19 06:42:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	432687	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394548	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156426	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	92853	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.24%
7) Chloroethane-d5	2.89	69	75778	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
10) 1,1-Dichloroethene-d2	4.01	63	162418	14.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.00%
20) 2-Butanone-d5	7.09	46	46451	32.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.82%
24) Chloroform-d	7.65	84	242111	20.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	8.31	65	114234	18.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.08%
29) Benzene-d6	8.27	84	468369	21.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.28%
33) 1,2-Dichloropropane-d6	9.27	67	138464	21.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.76%
37) Toluene-d8	10.33	98	427937	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.96%
38) trans-1,3-Dichloropropene-	10.58	79	53348	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.24%
39) 2-Hexanone-d5	10.93	63	40802	37.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102622	19.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	143267	25.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.36%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	17879m	2.617	ug/L
47) Tetrachloroethene	10.87	164	168891	36.824	ug/L

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

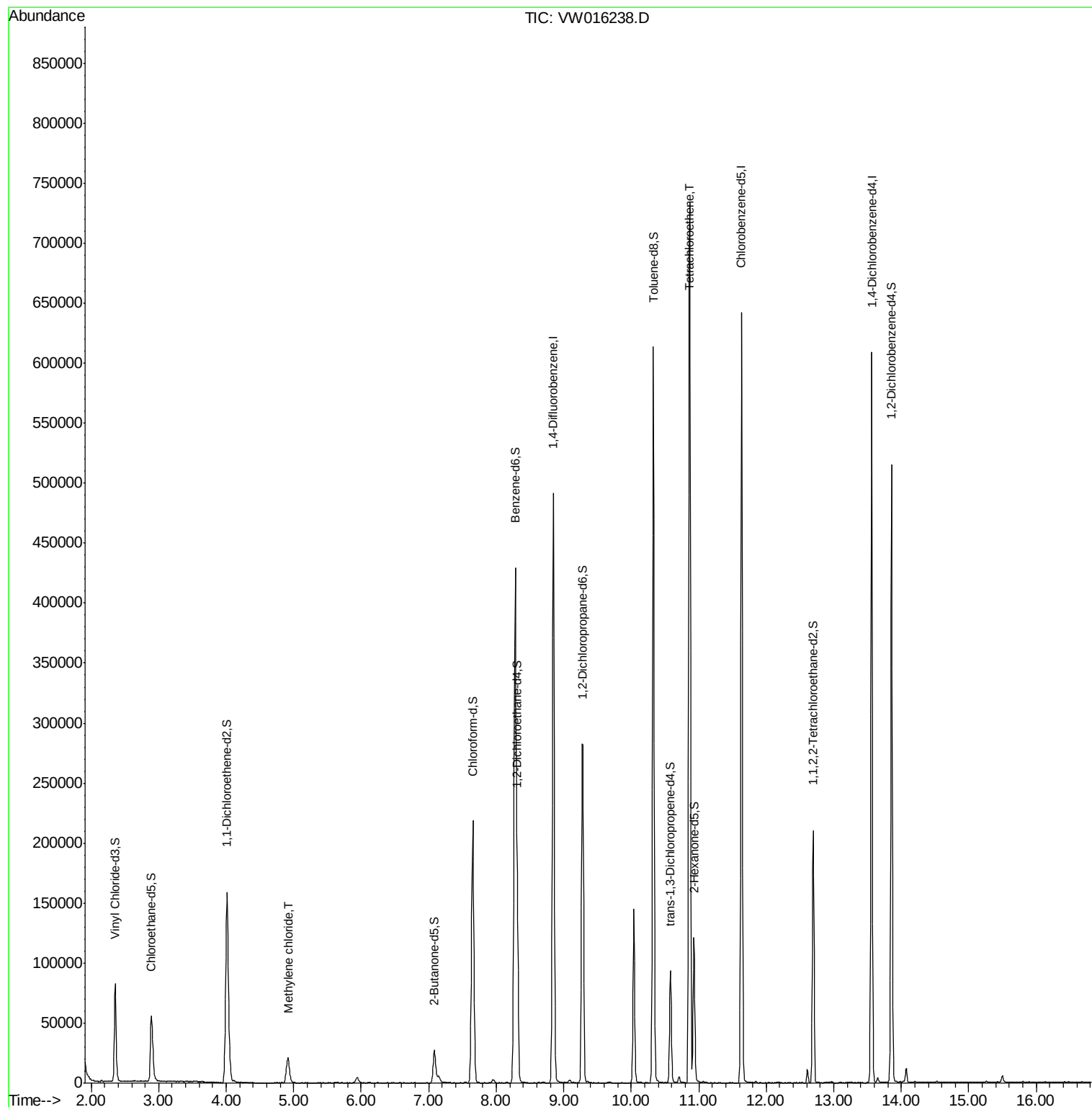
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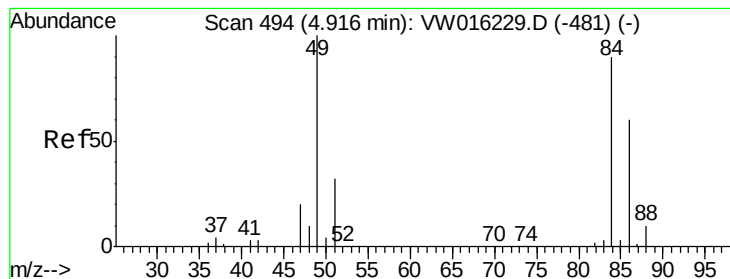
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#16

Methylene chloride

Concen: 2.617 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016238.D

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Instrument :

MSVOA_W

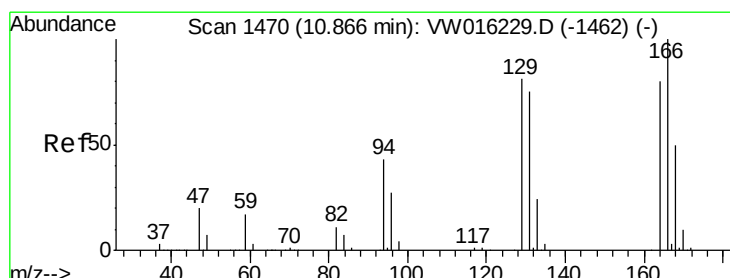
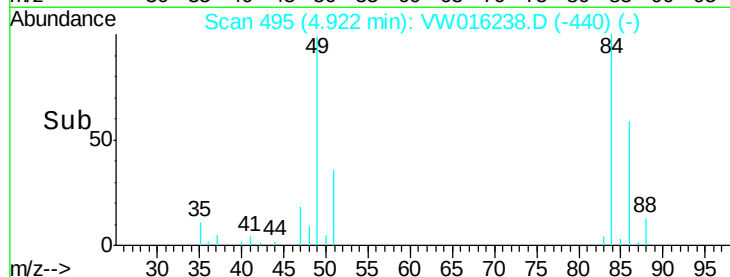
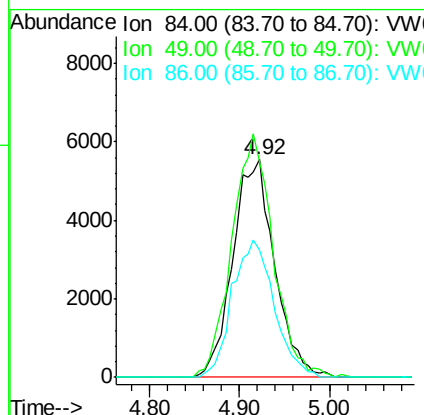
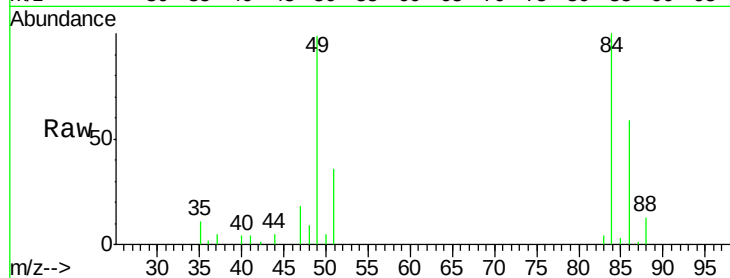
ClientSampleId :

BFSR2

Tot Ion:	84	Resp:	17879
Ion	Ratio	Lower	Upper
84	100		
49	99.1	80.4	149.4
86	58.6	43.8	81.3

Manual Integrations
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#47

Tetrachloroethene

Concen: 36.824 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

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Tgt Ion:	164	Resp:	168891
Ion	Ratio	Lower	Upper
164	100		
129	93.1	71.5	132.9
131	91.0	65.4	121.4
166	125.1	86.9	161.5

