

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121918\
 Data File : VV009051.D
 Acq On : 19 Dec 2018 15:28
 Operator : SY/MD
 Sample : J6419-09RE
 Misc : 5.35G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEZY3RE

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 1:25:16 PM

Quant Time: Dec 20 02:56:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 20 01:58:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	40195	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	34982	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	10506	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10273	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	11695	38.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	152.24%#
10) 1,1-Dichloroethene-d2	2.13	63	19212	18.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.88%
20) 2-Butanone-d5	3.95	46	4248	28.05	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.10%
24) Chloroform-d	4.40	84	22983	23.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	5.09	65	14998	28.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.76%
29) Benzene-d6	5.10	84	48031	24.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.32%
33) 1,2-Dichloropropane-d6	6.12	67	14328	26.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.80%
37) Toluene-d8	7.36	98	39426	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	7.67	79	4921	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.92%
39) 2-Hexanone-d5	8.16	63	2176m	21.72	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	7450	16.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	9575	24.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.12%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	2848	4.208 ug/L	83
47) Tetrachloroethene	8.02	164	6692	13.023 ug/L	98

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

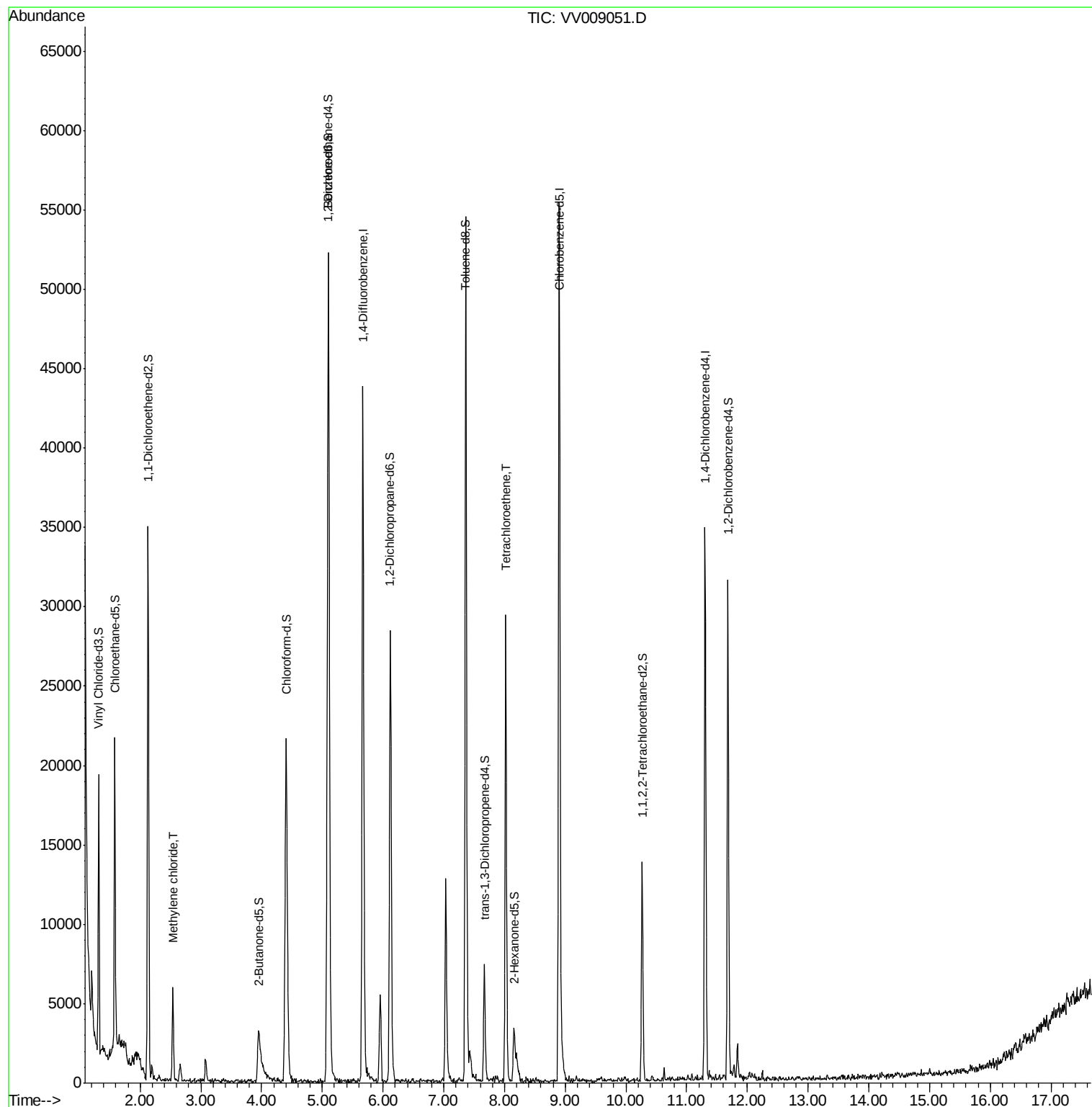
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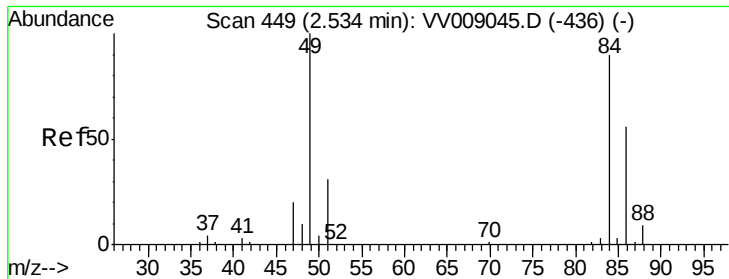
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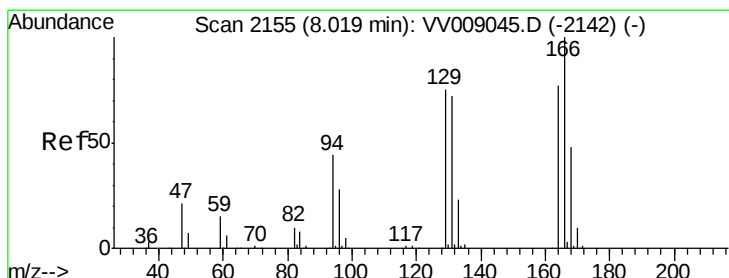
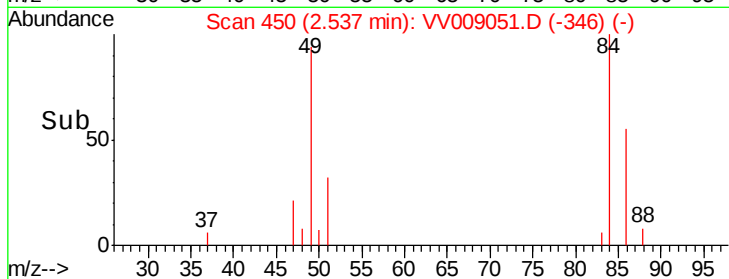
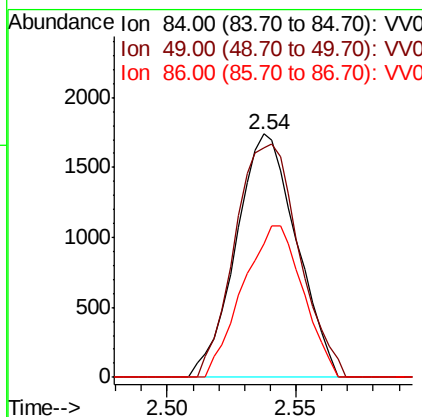
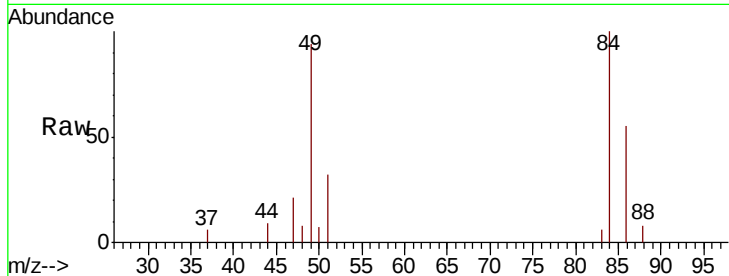
#16
Methylene chloride
Concen: 4.208 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009051.D
Acq: 19 Dec 2018 15:28

Instrument :
MSVOA_V
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
84	100		
49	94.4	80.5	149.5
86	54.9	45.5	84.5

Manual Integrations
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#47
Tetrachloroethene
Concen: 13.023 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV009051.D
Acq: 19 Dec 2018 15:28

Tgt Ion	Ratio	Lower	Upper
164	100		
129	93.6	64.6	120.0
131	89.7	64.5	119.7
166	127.7	88.7	164.7

