

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
 Data File : VV009058.D
 Acq On : 19 Dec 2018 18:22
 Operator : SY/MD
 Sample : J6468-07
 Misc : 5.01G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG5

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 1:25:39 PM

Quant Time: Dec 20 03:44:27 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	255016	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192890	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53622	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58049	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	62993	32.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.24%
10) 1,1-Dichloroethene-d2	2.13	63	160742	24.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.44%
20) 2-Butanone-d5	3.94	46	28082m	29.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.46%
24) Chloroform-d	4.40	84	144811	23.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	5.08	65	77380	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.52%
29) Benzene-d6	5.10	84	288843	26.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.24%
33) 1,2-Dichloropropane-d6	6.12	67	86296	28.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.44%
37) Toluene-d8	7.36	98	245678	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloropropene-	7.67	79	30128	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.96%
39) 2-Hexanone-d5	8.14	63	16350	29.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47045	18.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	46960	23.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.36%

Target Compounds

					Qvalue
16) Methylene chloride	2.54	84	9608	2.237 ug/L	87
18) trans-1,2-Dichloroethene	2.79	96	2406	0.677 ug/L	86
22) cis-1,2-Dichloroethene	3.96	96	17157	4.632 ug/L	98
35) Trichloroethene	5.96	95	97338	27.938 ug/L	99
47) Tetrachloroethene	8.02	164	4068	1.436 ug/L	86

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

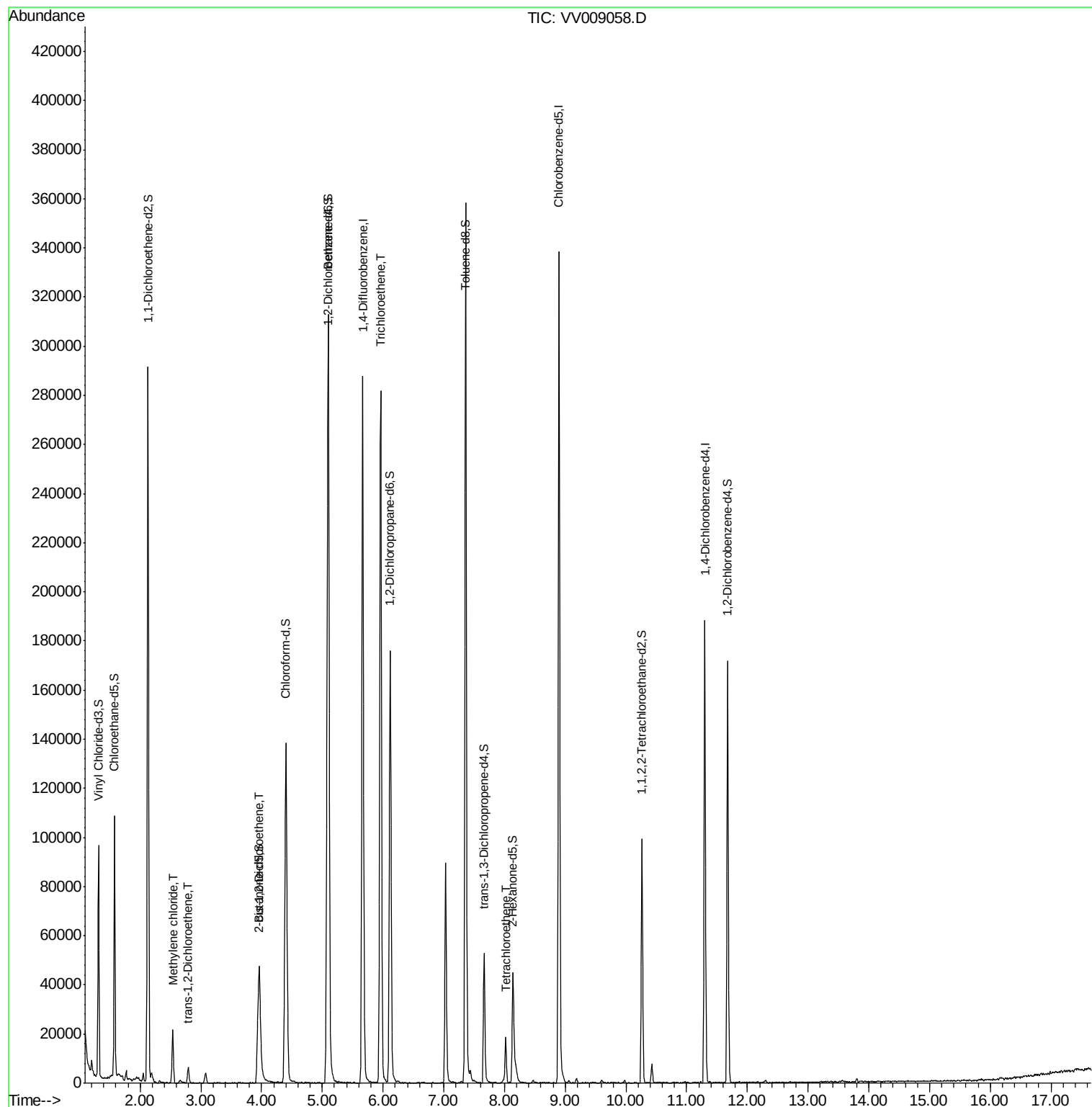
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
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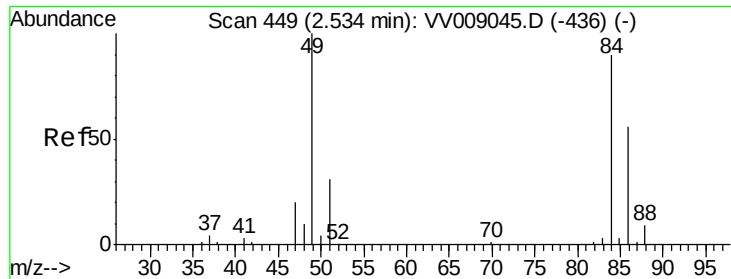
Instrument :
MSVOA_V
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
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QLast Update : Thu Dec 20 01:58:47 2018
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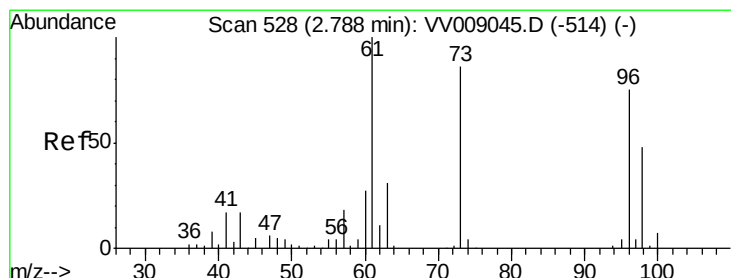
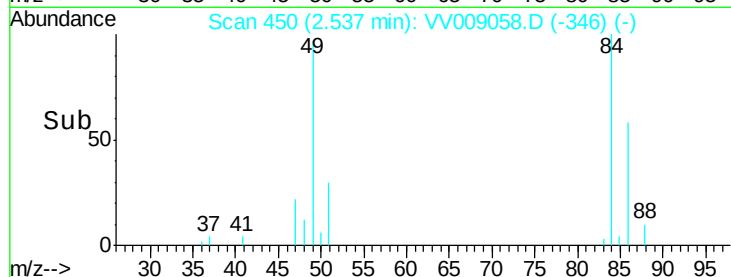
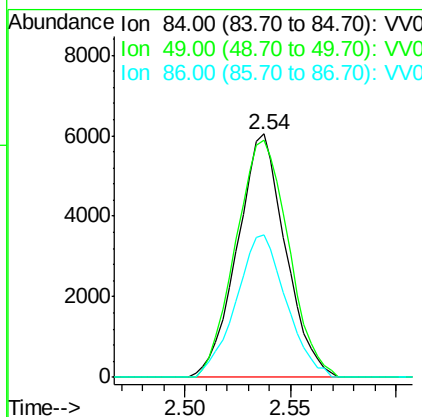
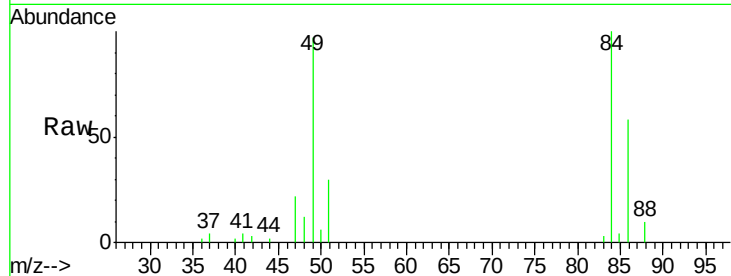
#16
Methylene chloride
Concen: 2.237 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009058.D
Acq: 19 Dec 2018 18:22

Instrument :
MSVOA_V
ClientSampleId :
C0JG5

Tgt Ion: 84 Resp: 9608
Ion Ratio Lower Upper
84 100
49 97.3 80.5 149.5
86 58.4 45.5 84.5

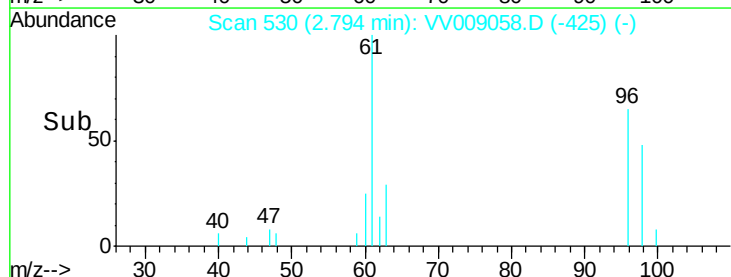
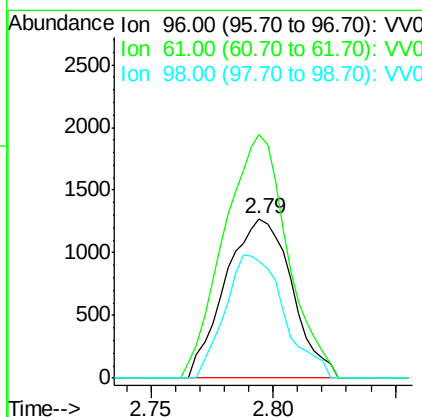
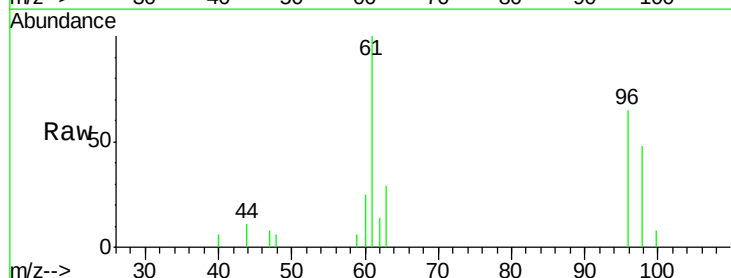
Manual Integrations
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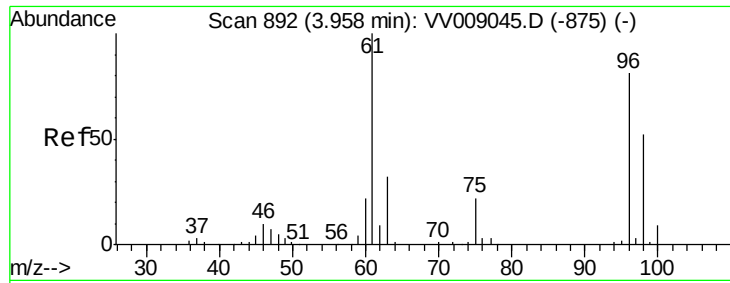
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#18
trans-1,2-Dichloroethene
Concen: 0.677 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV009058.D
Acq: 19 Dec 2018 18:22

Tgt Ion: 96 Resp: 2406
Ion Ratio Lower Upper
96 100
61 152.9 94.6 175.8
98 73.4 45.3 84.1





#22

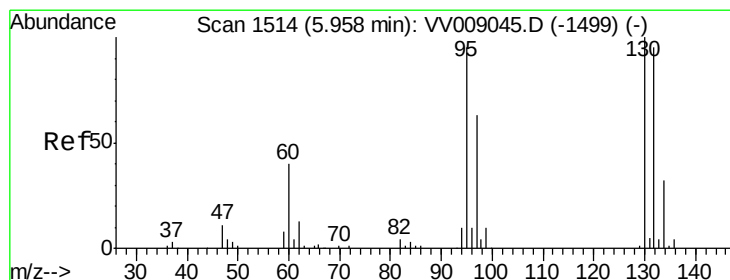
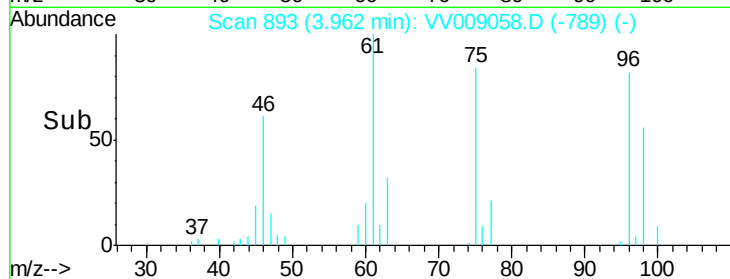
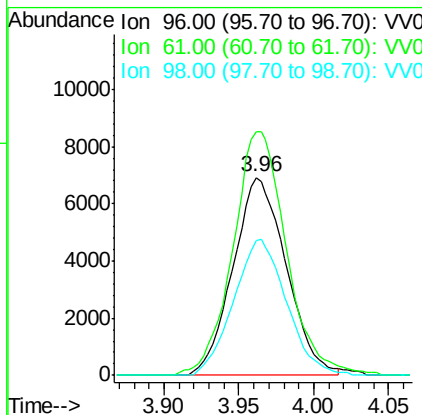
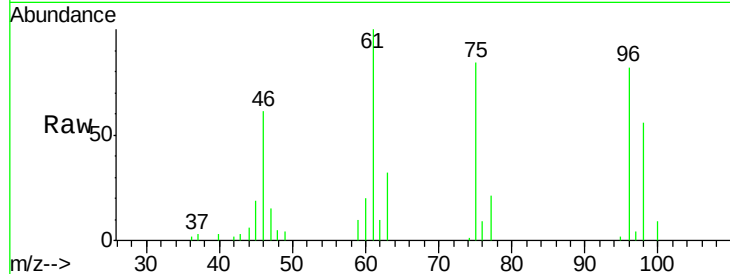
cis-1,2-Dichloroethene
Concen: 4.632 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009058.D
Acq: 19 Dec 2018 18:22

Instrument :
MSVOA_V
ClientSampleId :
C0JG5

Tgt Ion	Ratio	Lower	Upper
96	100		
61	122.7	86.2	160.0
98	68.2	45.6	84.6

Manual Integrations
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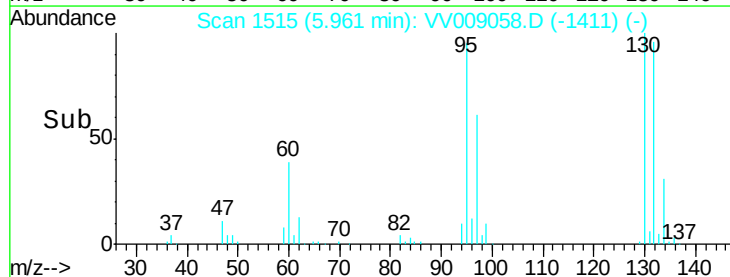
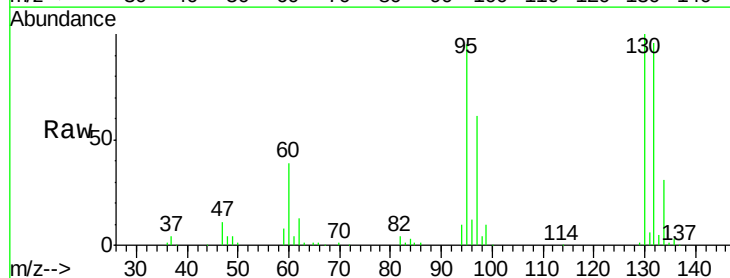
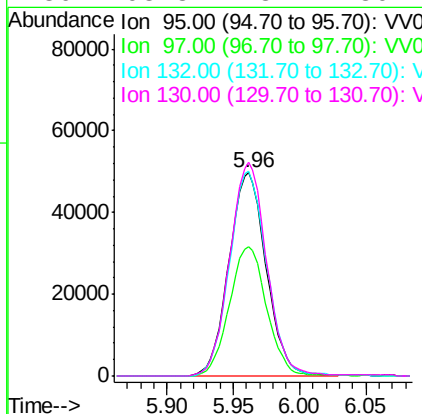
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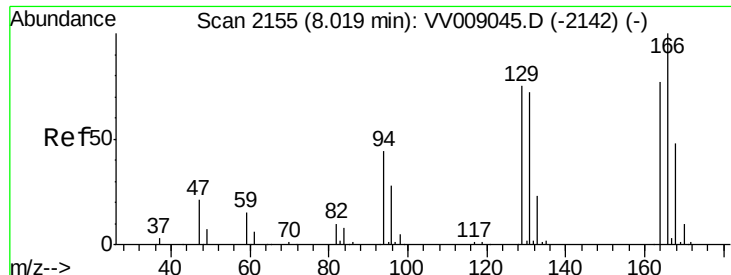


#35

Trichloroethene
Concen: 27.938 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009058.D
Acq: 19 Dec 2018 18:22

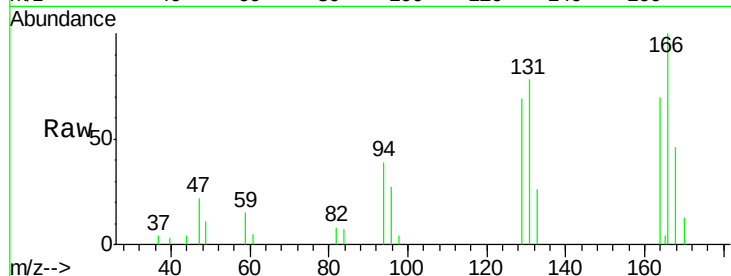
Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.3	84.1
132	100.1	70.0	130.0
130	103.8	73.4	136.4





#47
 Tetrachloroethene
 Concen: 1.436 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VV009058.D
 Acq: 19 Dec 2018 18:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG5



Tgt Ion:	164	Resp:	4068
Ion Ratio	Lower	Upper	
164	100		
129	98.7	64.6	120.0
131	111.2	64.5	119.7
166	143.3	88.7	164.7

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