

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033019\
 Data File : VV010031.D
 Acq On : 30 Mar 2019 20:15
 Operator : SY/MD
 Sample : K2166-17
 Misc : 5.97G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0N4

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:01:39 AM

Quant Time: Mar 31 21:19:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 23:31:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128344	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58143	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58721	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
7) Chloroethane-d5	1.56	69	71682	25.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.92%
10) 1,1-Dichloroethene-d2	2.12	63	129100	18.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.48%
20) 2-Butanone-d5	3.93	46	36374	74.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.90%#
24) Chloroform-d	4.40	84	76470	23.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.56%
26) 1,2-Dichloroethane-d4	5.08	65	59066	30.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.08%
29) Benzene-d6	5.10	84	171254	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	6.12	67	55498	26.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.84%
37) Toluene-d8	7.36	98	153456	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.48%
38) trans-1,3-Dichloropropene-	7.66	79	16115	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.12%
39) 2-Hexanone-d5	8.13	63	26401	67.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59755	28.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.12%
61) 1,2-Dichlorobenzene-d4	11.68	152	57265	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.53	84	3193	1.511	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	3417m	1.840	ug/L	
35) Trichloroethene	5.96	95	20215	10.224	ug/L	98
47) Tetrachloroethene	8.02	164	603328	386.679	ug/L	97

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

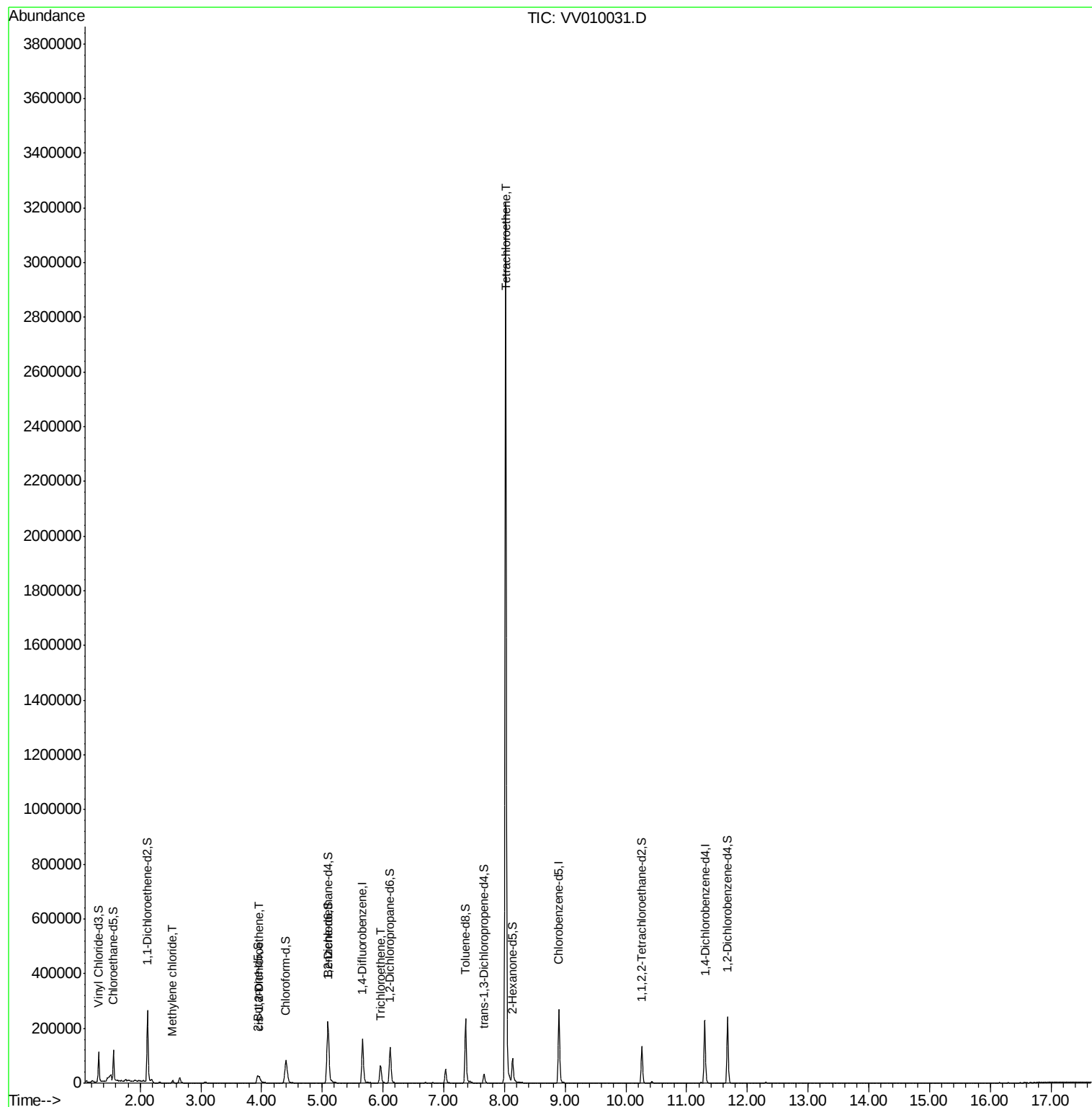
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV033019\
Data File : VV010031.D
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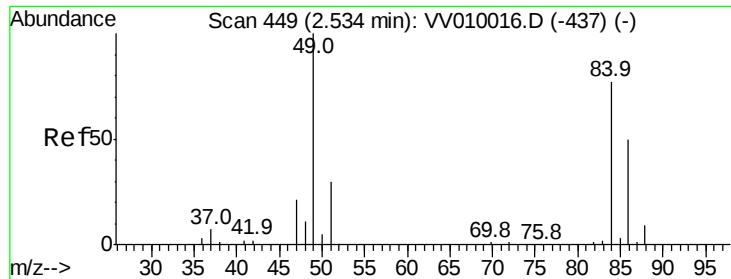
Instrument :
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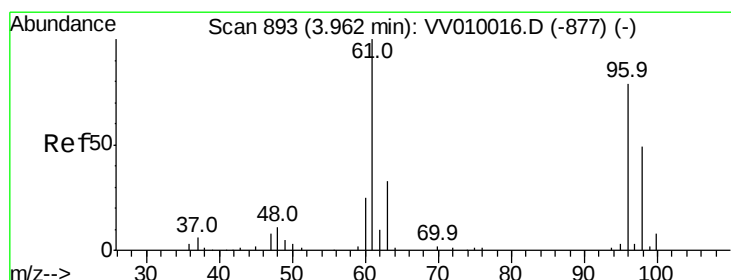
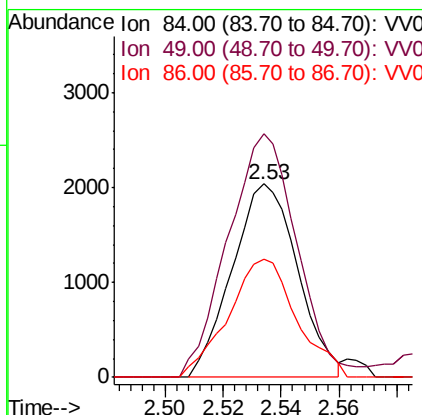
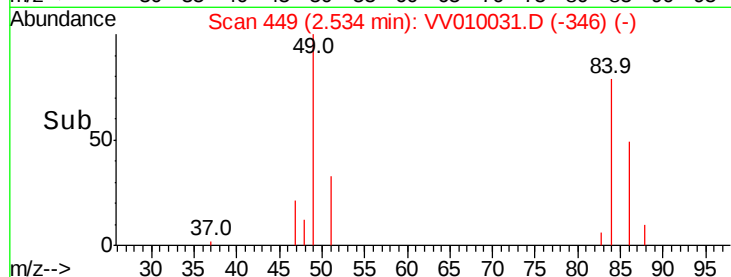
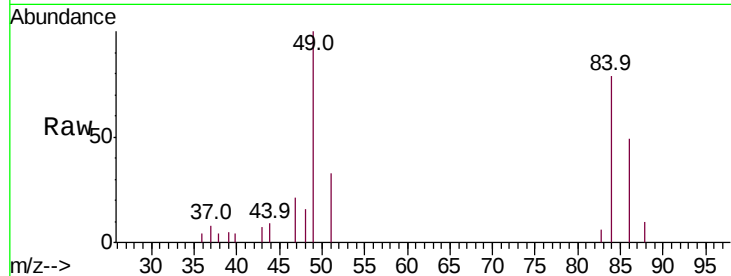
#16
Methvlene chloride
Concen: 1.511 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010031.D
Acq: 30 Mar 2019 20:15

Instrument :
MSVOA_V
ClientSampleId :
BF0N4

Tot Ion	Ratio	Lower	Upper
84	100		
49	125.9	90.4	167.8
86	61.2	44.0	81.6

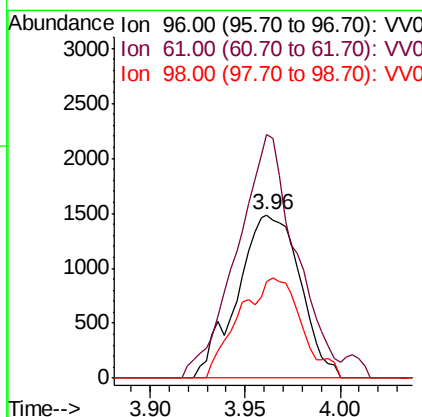
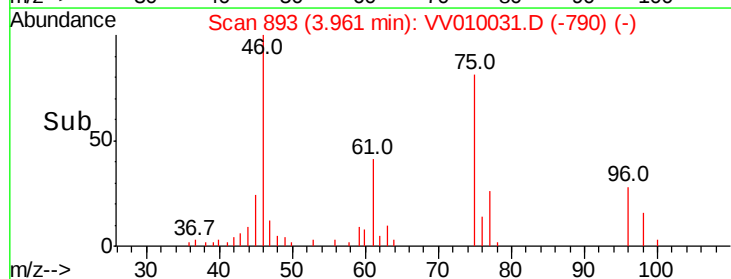
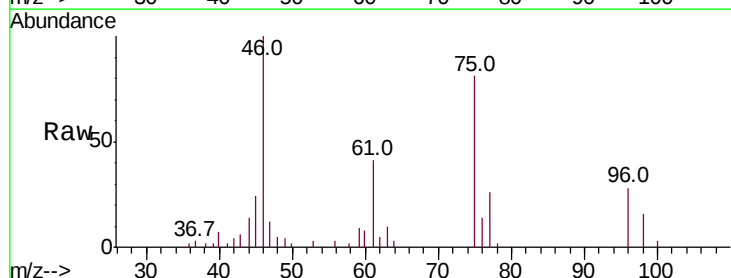
Manual Integrations
APPROVED

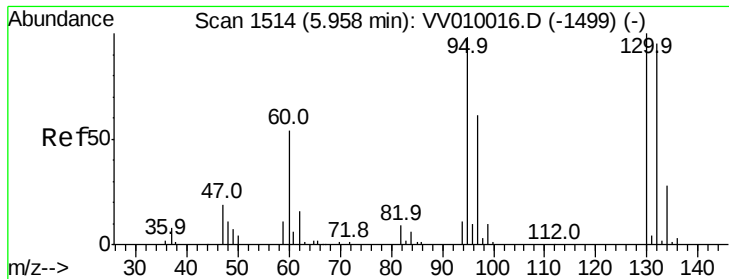
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#22
cis-1,2-Dichloroethene
Concen: 1.840 ug/L m
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV010031.D
Acq: 30 Mar 2019 20:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.3	91.4	169.8
98	59.3	48.0	89.2





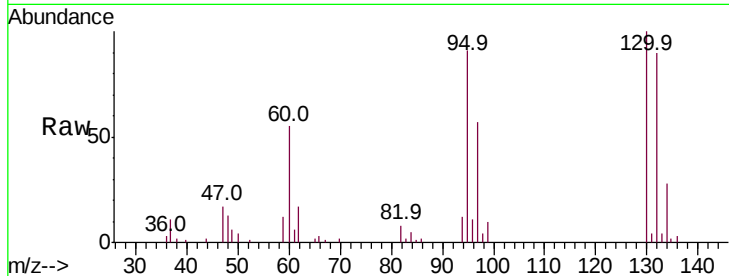
#35
 Trichloroethene
 Concen: 10.224 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV010031.D
 Acq: 30 Mar 2019 20:15

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0N4

Tot Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.3	85.9
132	99.0	69.3	128.7
130	103.9	69.5	129.1

Manual Integrations
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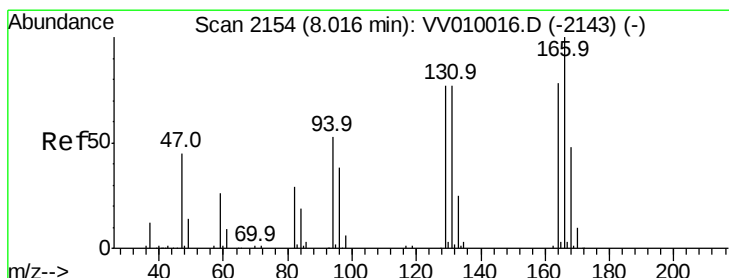
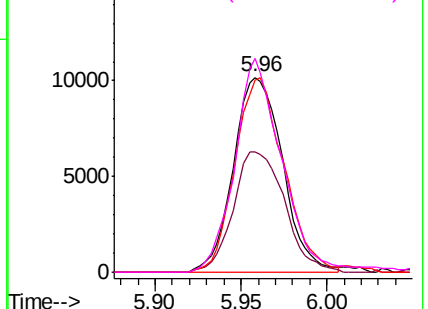
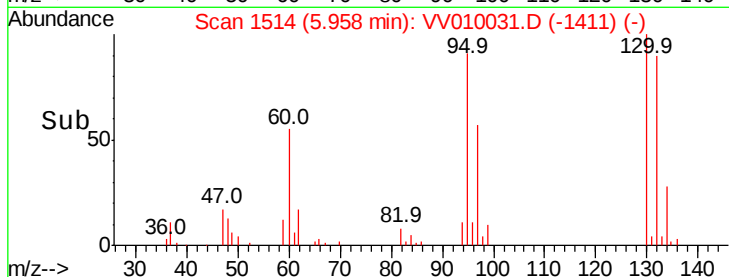
Abundance

Ion 95.00 (94.70 to 95.70): VV010031.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV010031.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV010031.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV010031.D (-1411) (-)



#47
 Tetrachloroethene
 Concen: 386.679 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV010031.D
 Acq: 30 Mar 2019 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
129	93.0	64.9	120.5
131	90.8	62.0	115.2
166	124.4	82.9	153.9

Abundance

Ion 164.00 (163.70 to 164.70): VV010031.D (-2051) (-)

Ion 129.00 (128.70 to 129.70): VV010031.D (-2051) (-)

Ion 131.00 (130.70 to 131.70): VV010031.D (-2051) (-)

Ion 166.00 (165.70 to 166.70): VV010031.D (-2051) (-)

