

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012953.D
 Acq On : 23 Sep 2019 22:52
 Operator : SY/MD
 Sample : K4984-06
 Misc : 5.39G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEDL0

Manual Integrations
 APPROVED

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 9/24/2019 12:26:08 PM

Quant Time: Sep 24 15:00:49 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M

Quant Title : VOC Analysis

QLast Update : Tue Sep 24 07:38:53 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	745072	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	601804	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	203955	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	270464	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.56%
7) Chloroethane-d5	1.58	69	230755	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.76%
10) 1,1-Dichloroethene-d2	2.13	63	319424	16.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.48%
20) 2-Butanone-d5	3.93	46	198905	49.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.66%
24) Chloroform-d	4.40	84	460065	22.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	5.08	65	281951	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.80%
29) Benzene-d6	5.10	84	945635	28.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.56%
33) 1,2-Dichloropropane-d6	6.12	67	309152	29.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.40%
37) Toluene-d8	7.36	98	717020	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.04%
38) trans-1,3-Dichloropropene-	7.66	79	115507	25.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.60%
39) 2-Hexanone-d5	8.14	63	146056	68.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.82%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	307159	30.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.84%#
61) 1,2-Dichlorobenzene-d4	11.67	152	202550	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.14	96	12449	1.478 ug/L #	1
13) Acetone	2.19	43	46592	10.982 ug/L	99
16) Methylene chloride	2.53	84	43335	3.891 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	7964	0.799 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	18638515	1708.252 ug/L	89
35) Trichloroethene	5.96	95	8021916	859.635 ug/L	99
47) Tetrachloroethene	8.02	164	63641521m	8391.034 ug/L	
64) 1,4-Dichlorobenzene	11.31	146	134071	10.175 ug/L #	78
65) 1,2-Dichlorobenzene	11.69	146	185165	15.463 ug/L #	79

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

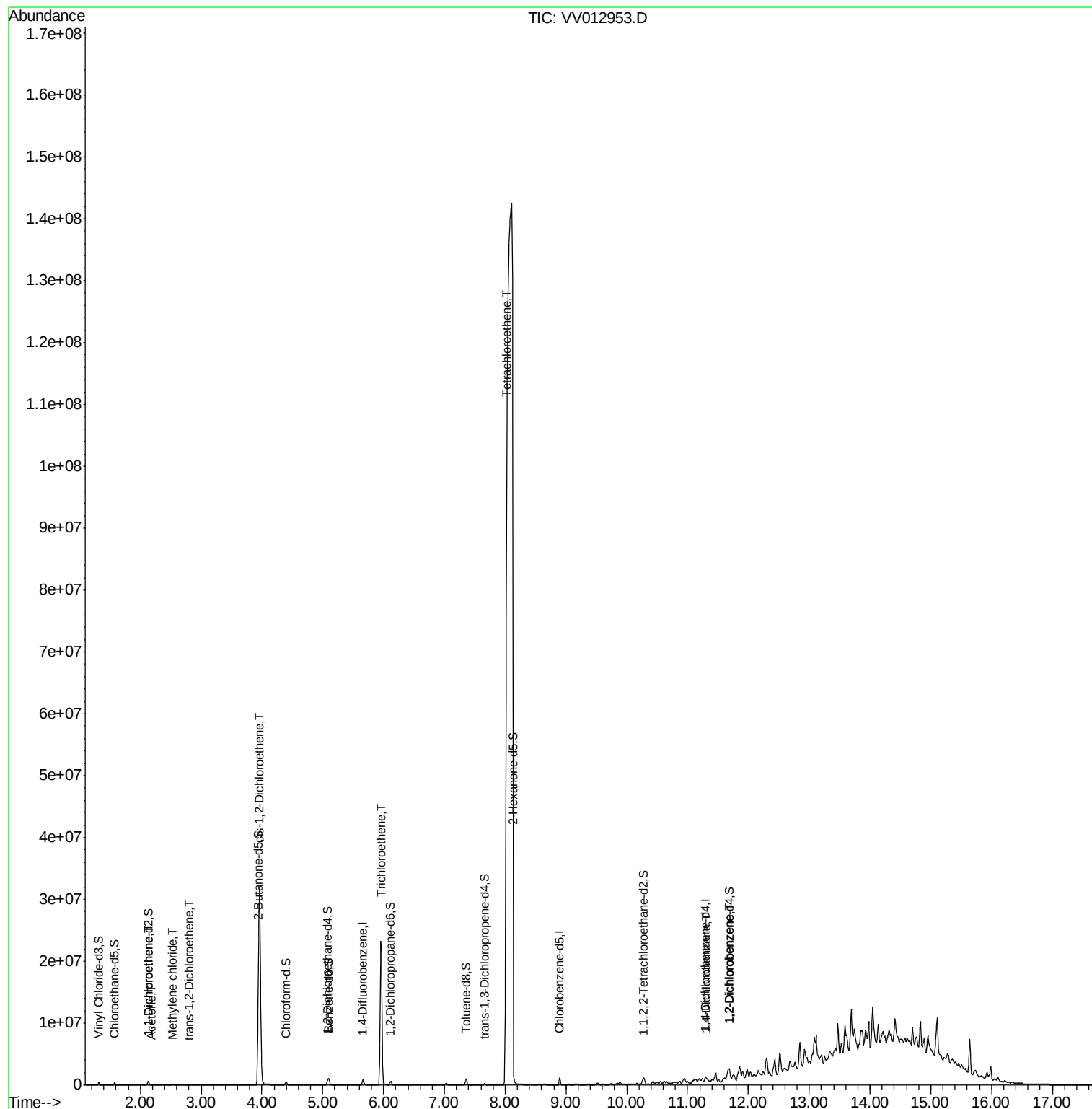
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092319\
Data File : VV012953.D
Acq On : 23 Sep 2019 22:52
Operator : SY/MD
Sample : K4984-06
Misc : 5.39G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

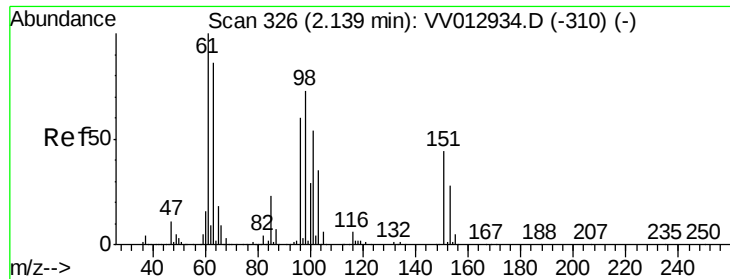
Instrument :
MSVOA_V
ClientSampleId :
BEDL0

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Quant Time: Sep 24 15:00:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.478 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV012953.D

Acq: 23 Sep 2019 22:52

Instrument :

MSVOA_V

ClientSampleId :

BEDL0

Tot Ion: 96 Resp: 12449

Ion Ratio Lower Upper

96 100

61 303.8 117.2 217.8#

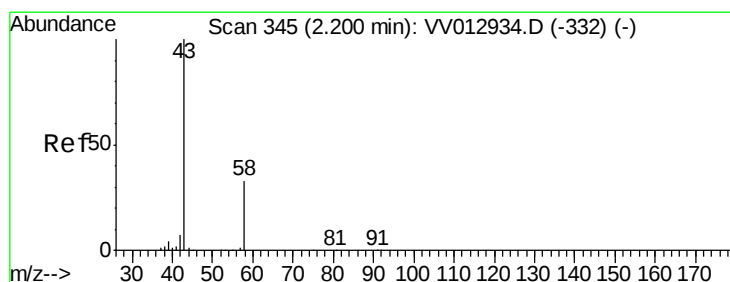
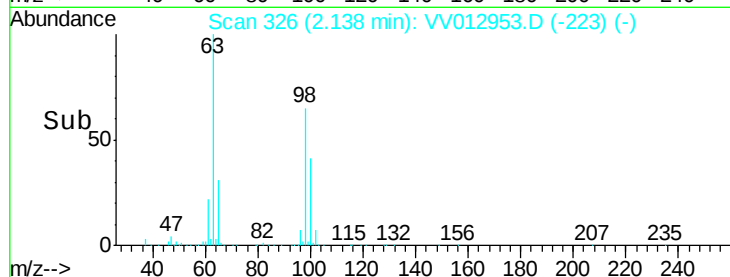
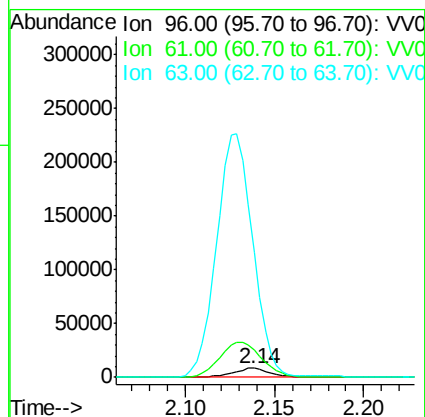
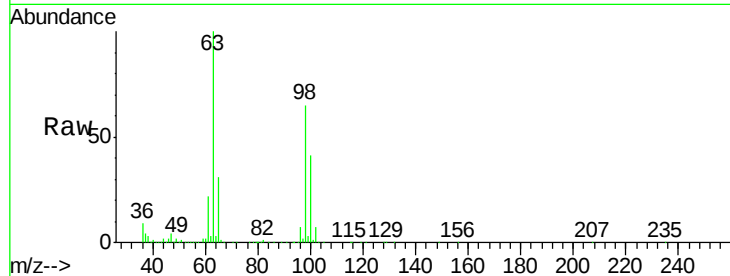
63 1407.3 89.6 166.4

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#13

Acetone

Concen: 10.982 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV012953.D

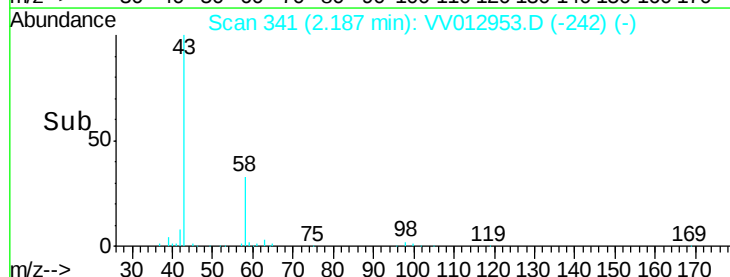
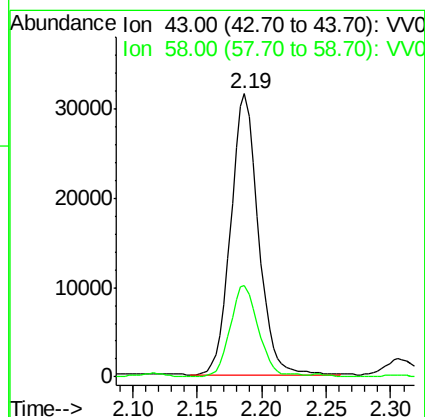
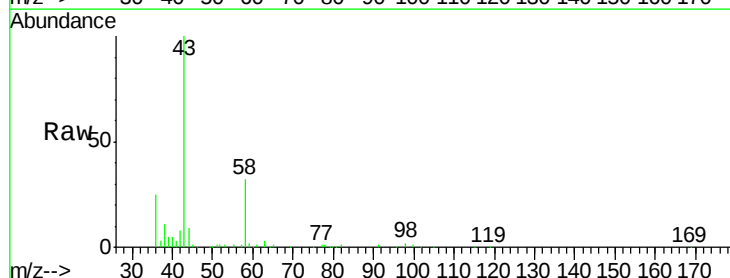
Acq: 23 Sep 2019 22:52

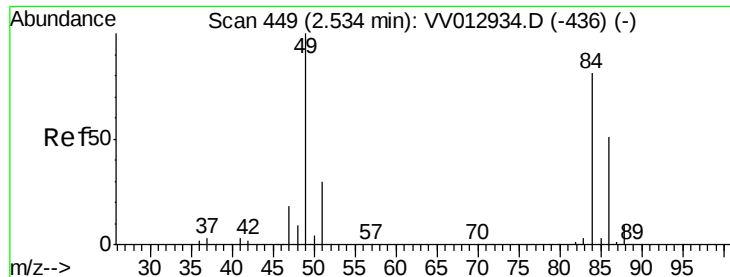
Tgt Ion: 43 Resp: 46592

Ion Ratio Lower Upper

43 100

58 33.0 0.0 65.0





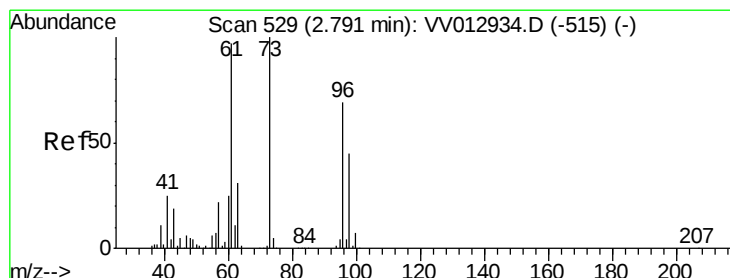
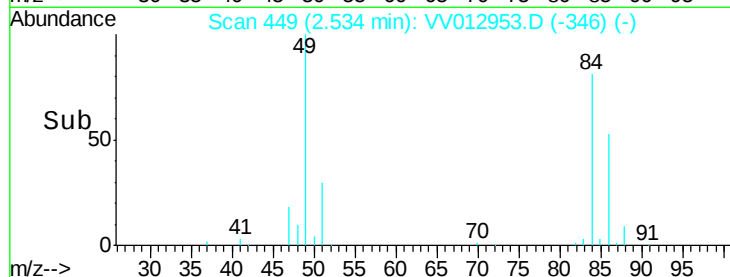
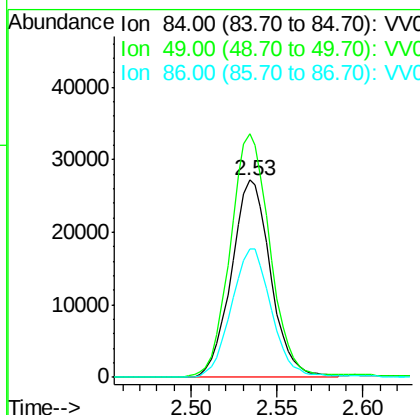
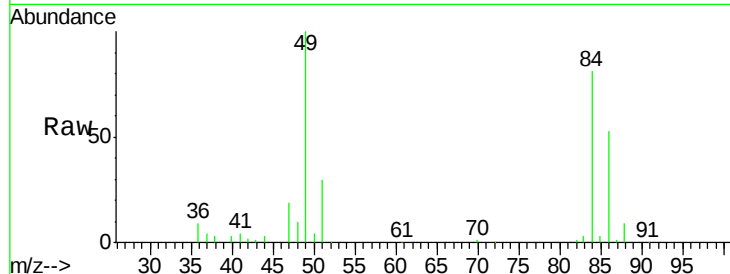
#16
Methylene chloride
Concen: 3.891 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV012953.D
Acq: 23 Sep 2019 22:52

Instrument :
MSVOA_V
ClientSampled :
BEDL0

Tot Ion	Ratio	Lower	Upper
84	100		
49	123.6	88.3	164.1
86	65.2	44.9	83.3

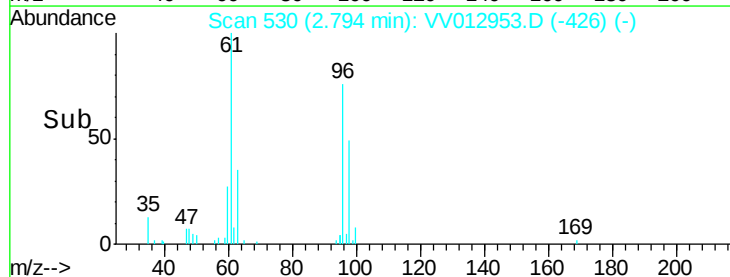
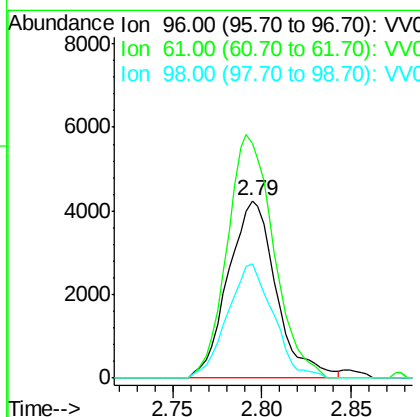
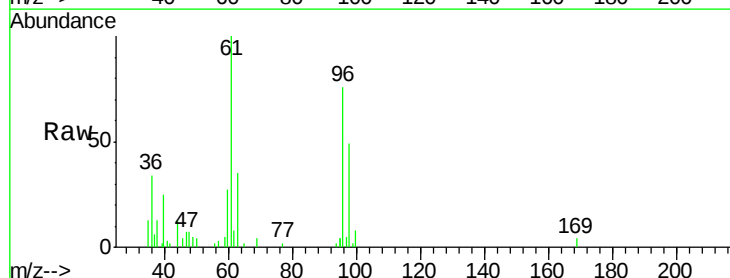
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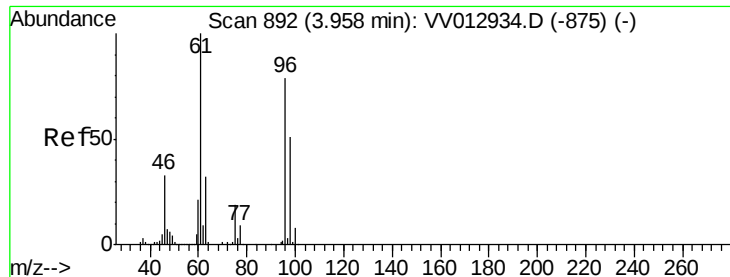
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#18
trans-1,2-Dichloroethene
Concen: 0.799 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV012953.D
Acq: 23 Sep 2019 22:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.1	96.8	179.8
98	64.8	44.8	83.2





#22

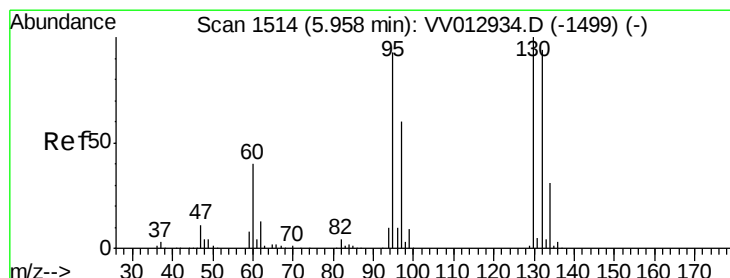
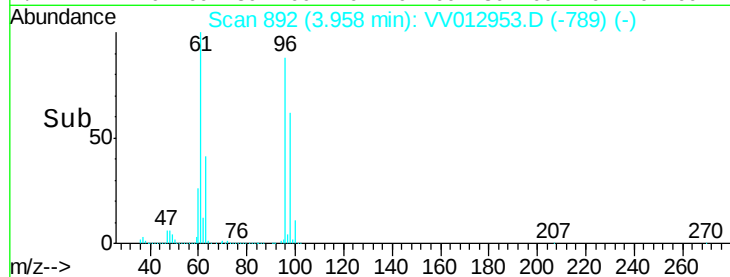
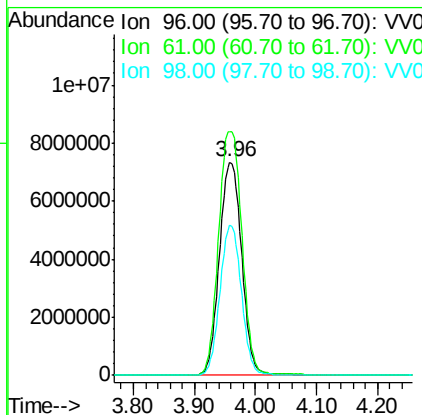
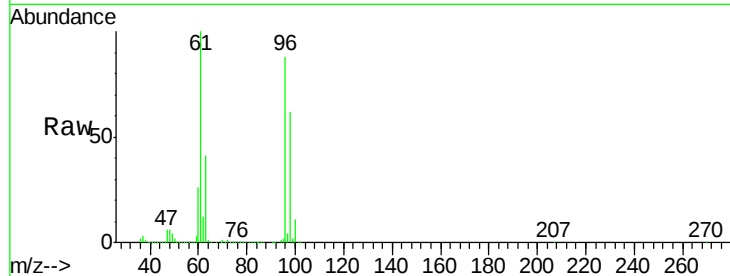
cis-1,2-Dichloroethene
Concen: 1708.252 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV012953.D
Acq: 23 Sep 2019 22:52

Instrument :
MSVOA_V
ClientSampleId :
BEDL0

Tot Ion: 96 Resp:18638515
Ion Ratio Lower Upper
96 100
61 114.2 90.9 168.7
98 70.3 45.6 84.6

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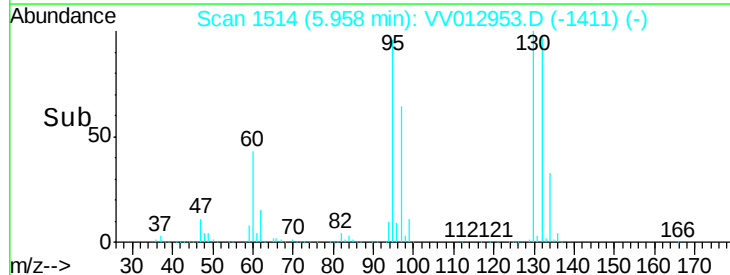
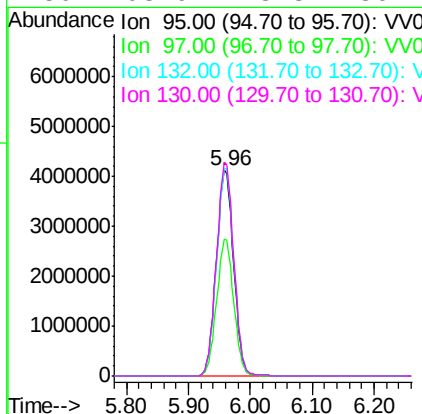
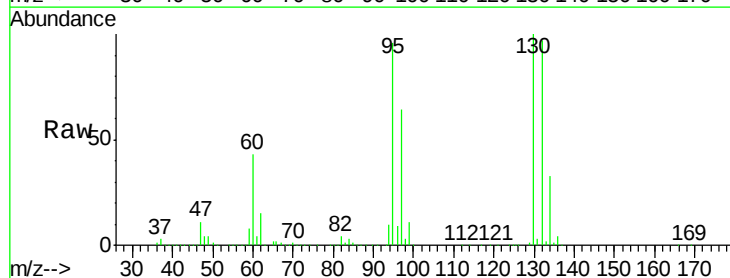
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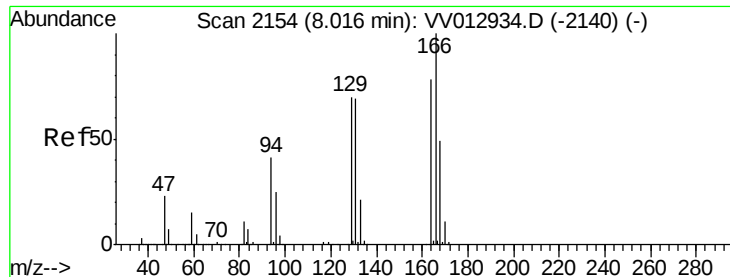


#35

Trichloroethene
Concen: 859.635 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV012953.D
Acq: 23 Sep 2019 22:52

Tgt Ion: 95 Resp: 8021916
Ion Ratio Lower Upper
95 100
97 65.8 44.7 82.9
132 101.0 70.1 130.1
130 103.9 73.3 136.1





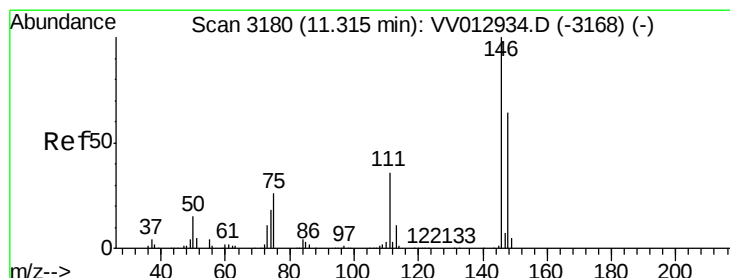
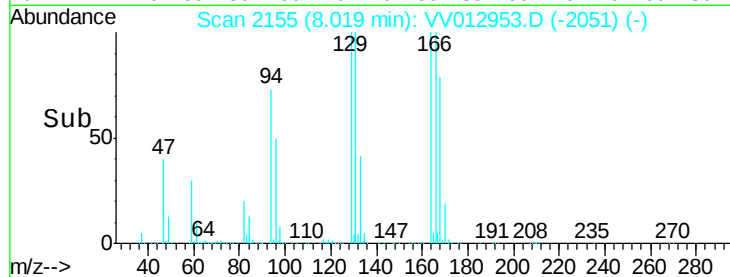
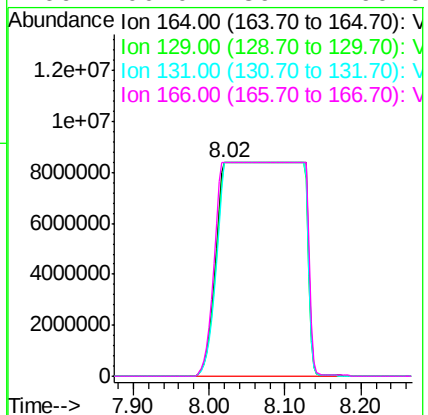
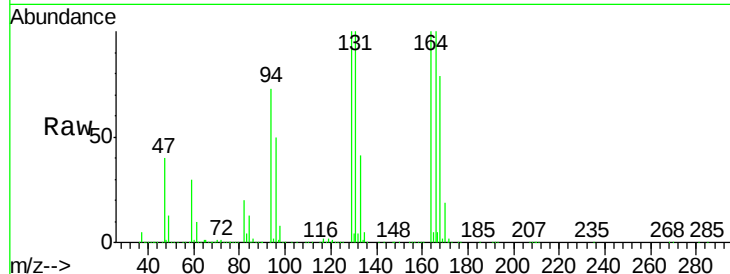
#47
Tetrachloroethene
Concen: 8391.034 ug/L m
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012953.D
Acq: 23 Sep 2019 22:52

Instrument :
MSVOA_V
ClientSampleId :
BEDL0

Tot Ion:164 Resp:63641521
Ion Ratio Lower Upper
164 100
129 100.0 62.8 116.6
131 100.0 60.2 111.8
166 100.0 89.4 166.0

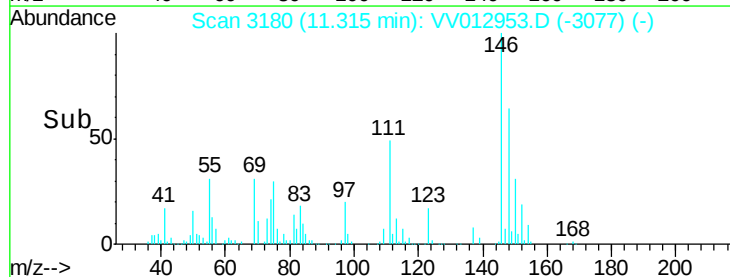
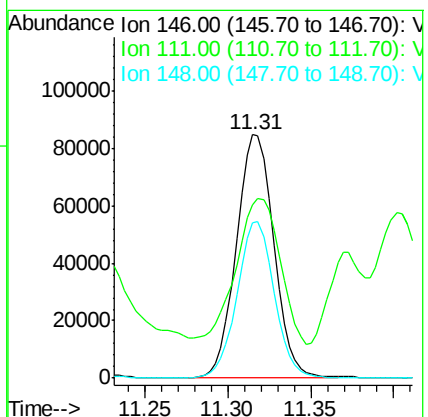
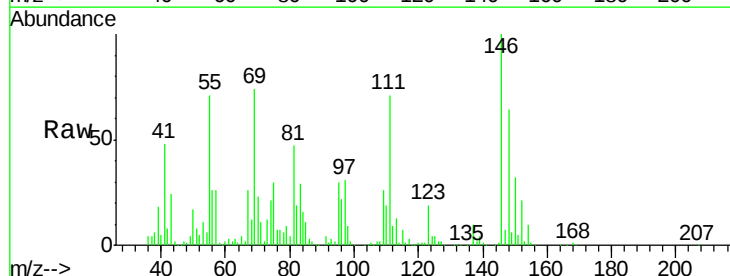
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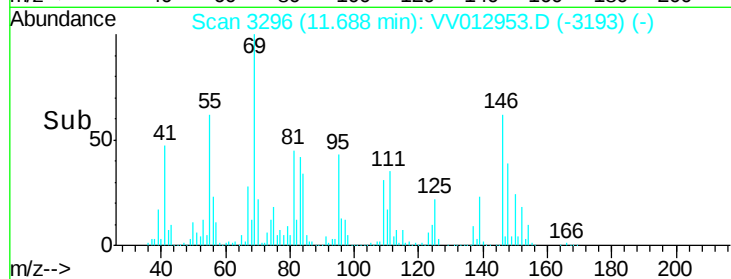
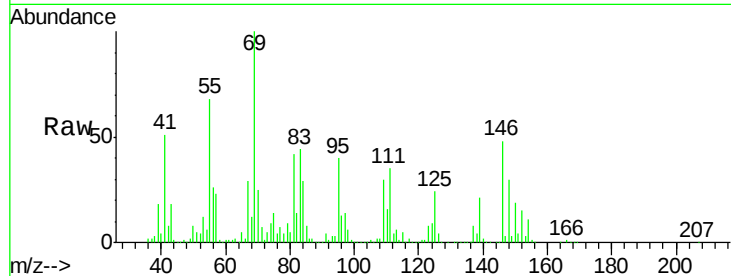
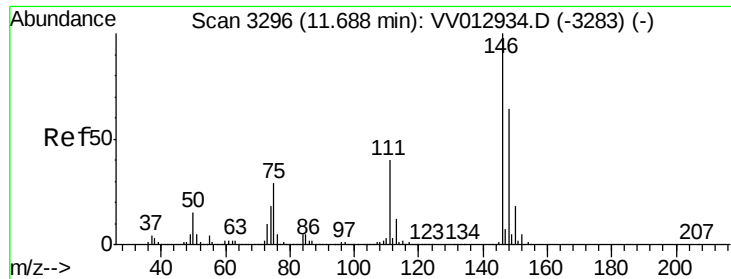
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#64
1,4-Dichlorobenzene
Concen: 10.175 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. -0.00 min
Lab File: VV012953.D
Acq: 23 Sep 2019 22:52

Tgt Ion:146 Resp: 134071
Ion Ratio Lower Upper
146 100
111 71.4 25.5 47.3#
148 63.9 45.1 83.9





#65
 1,2-Dichlorobenzene
 Concen: 15.463 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. -0.00 min
 Lab File: VV012953.D
 Acq: 23 Sep 2019 22:52

Instrument :
 MSVOA_V
 ClientSampleId :
 BEDL0

Tot Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	73.2	31.9	47.9#
148	63.5	51.0	76.6

Manual Integrations
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