

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010092.D
 Acq On : 03 Apr 2019 15:00
 Operator : SY/MD
 Sample : K2215-06
 Misc : 5.43G/10mL/MSVOA V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2M7

Manual Integrations
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 4/5/2019 10:40:34 AM

Quant Time: Apr 04 07:55:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	189704	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177320	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69604	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48859	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.96%
7) Chloroethane-d5	1.57	69	64840	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	2.13	63	254801	39.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	159.08%#
20) 2-Butanone-d5	3.94	46	39254	54.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.64%
24) Chloroform-d	4.40	84	104731	21.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.64%
26) 1,2-Dichloroethane-d4	5.08	65	65024	24.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.28%
29) Benzene-d6	5.10	84	216461	23.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.16%
33) 1,2-Dichloropropane-d6	6.12	67	65663	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	7.36	98	189101	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.36%
38) trans-1,3-Dichloropropene-	7.67	79	21190	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.08%
39) 2-Hexanone-d5	8.14	63	29726	54.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68231	25.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	60249	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	280016m	107.966	ug/L	
13) Acetone	2.20	43	5413	7.576	ug/L	99
16) Methylene chloride	2.53	84	4063	1.219	ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	9960m	3.960	ug/L	
35) Trichloroethene	5.96	95	20918	8.381	ug/L	97
44) Toluene	7.43	91	91270	9.378	ug/L	94
46) 1,1,2-Trichloroethane	7.88	97	4542	2.338	ug/L #	52
47) Tetrachloroethene	8.03	164	30678114m	14684.507	ug/L	
52) Chlorobenzene	8.92	112	5291	0.797	ug/L #	92

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

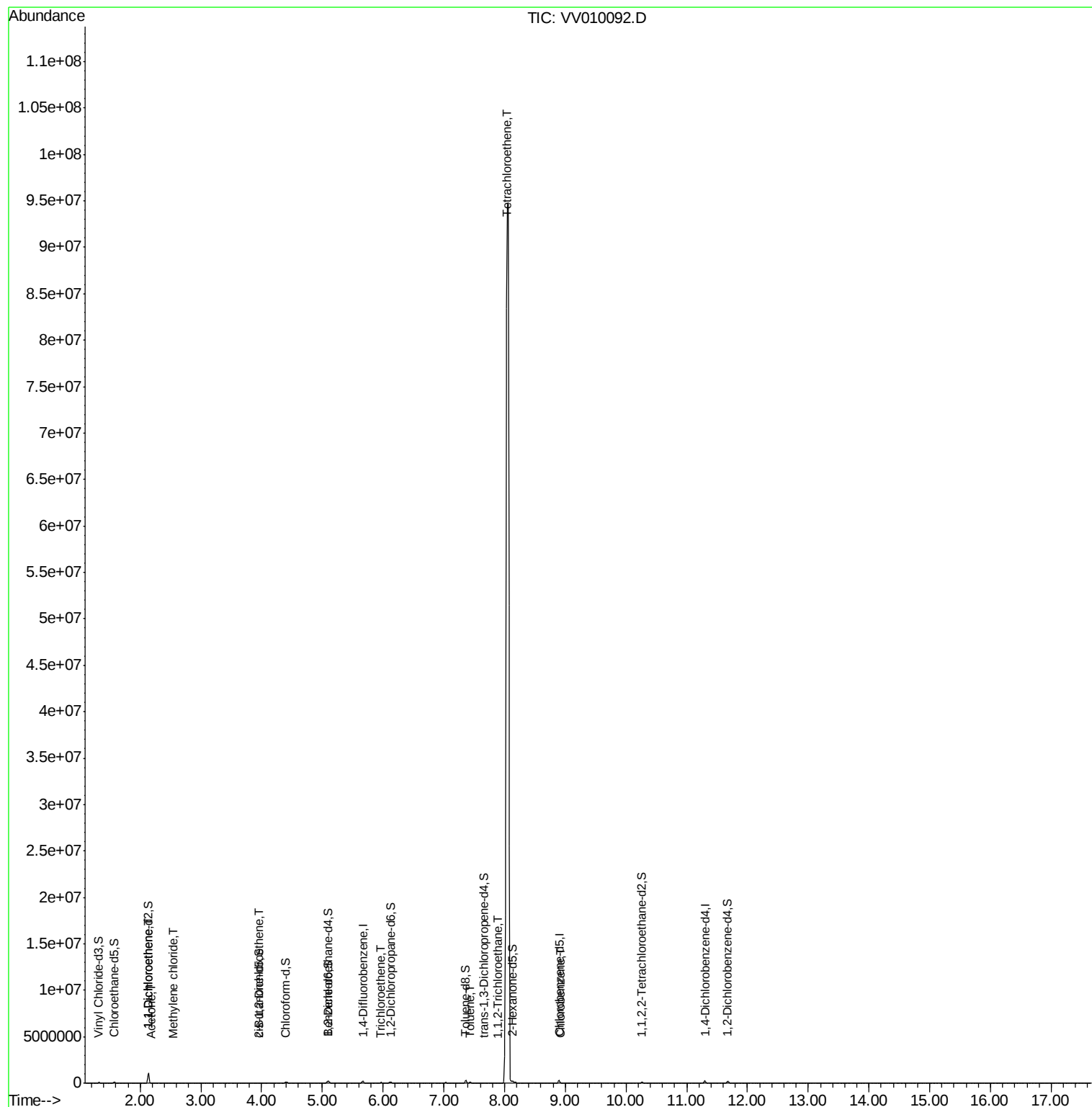
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040319\
Data File : VV010092.D
Acq On : 03 Apr 2019 15:00
Operator : SY/MD
Sample : K2215-06
Misc : 5.43G/10mL/MSVOA V/SOIL
ALS Vial : 7 Sample Multiplier: 1

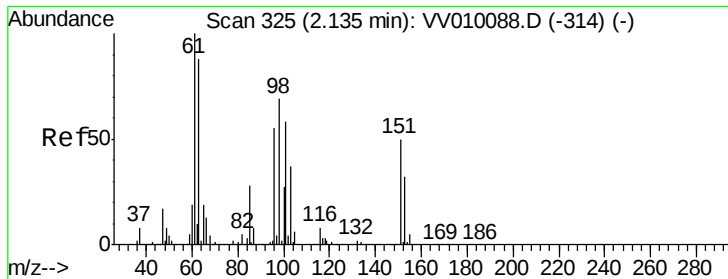
Instrument :
MSVOA_V
ClientSampleId :
BF2M7

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Quant Time: Apr 04 07:55:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 107.966 ug/L m

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV010092.D

Acq: 03 Apr 2019 15:00

Instrument :

MSVOA_V

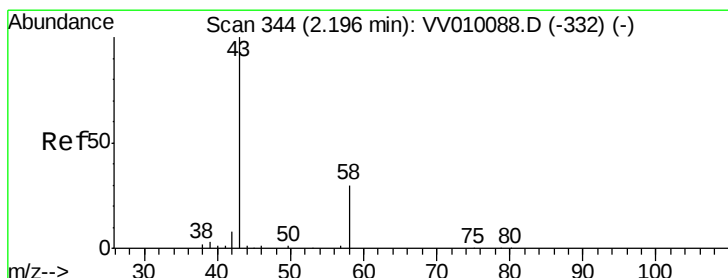
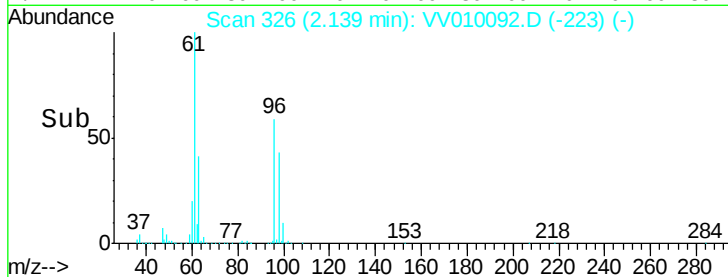
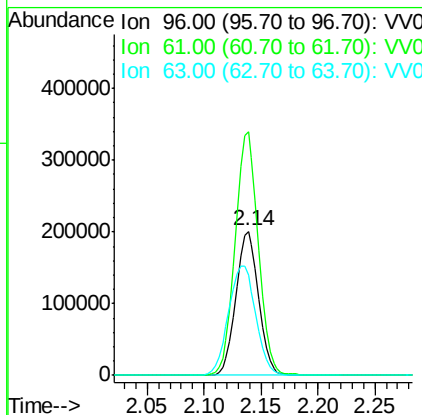
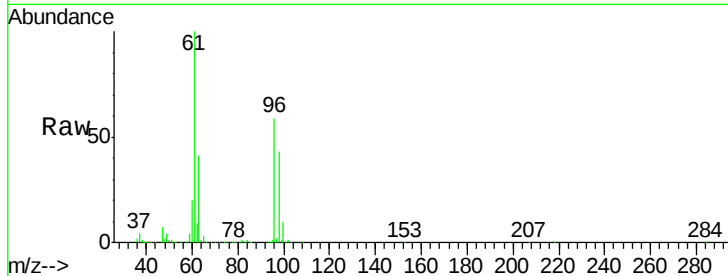
ClientSampled :

BF2M7

Tot Ion	Ratio	Lower	Upper
96	100		
61	168.7	127.8	237.4
63	69.5	112.6	209.2

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#13

Acetone

Concen: 7.576 ug/L

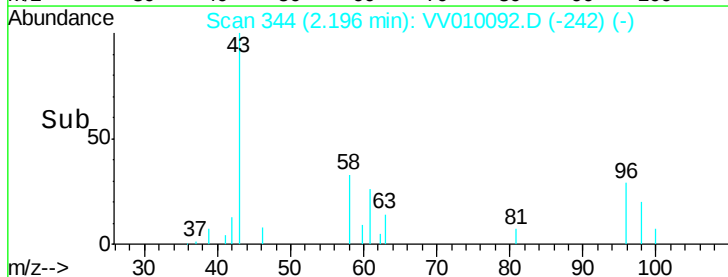
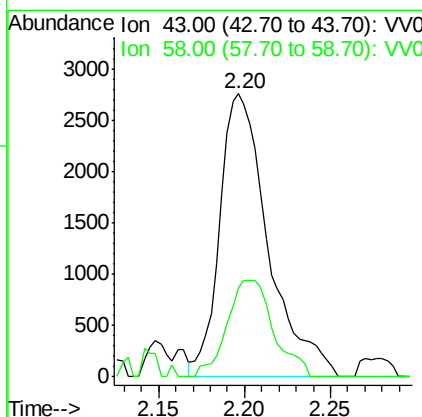
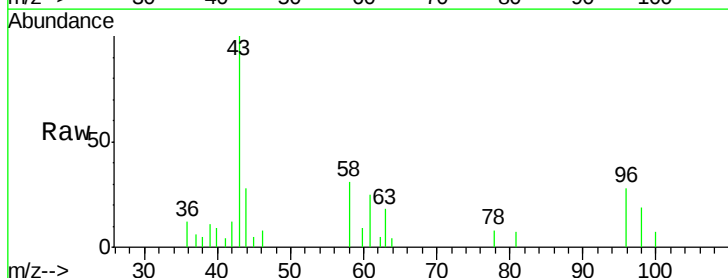
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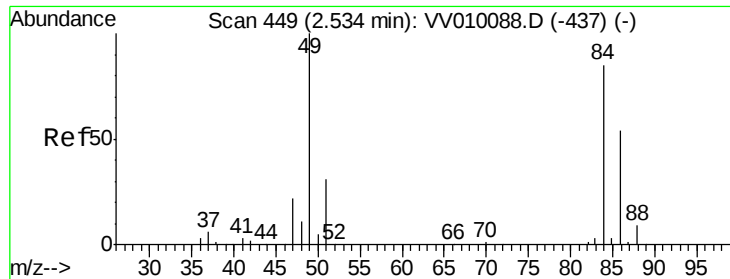
Delta R.T. -0.00 min

Lab File: VV010092.D

Acq: 03 Apr 2019 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	64.6





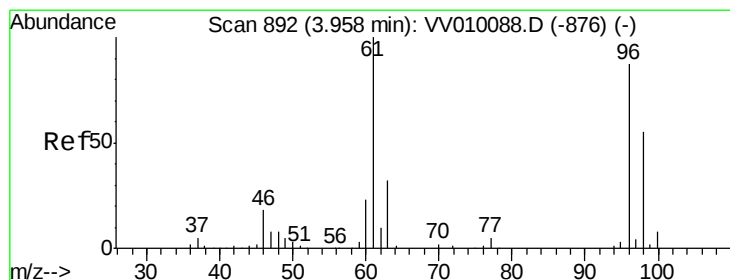
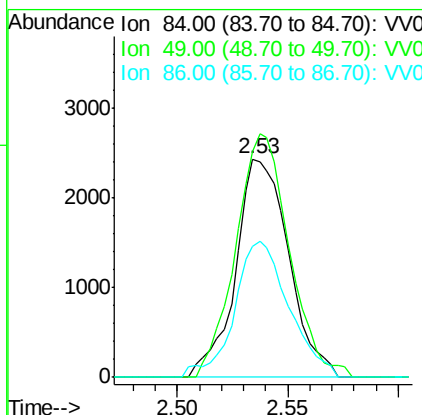
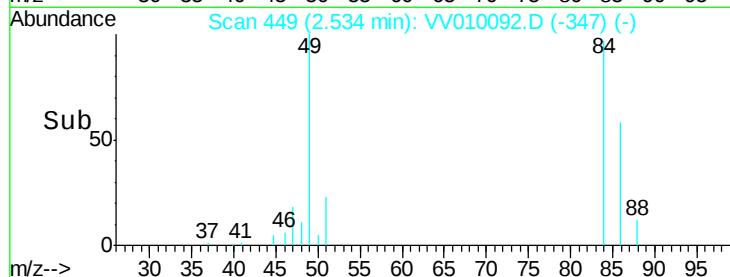
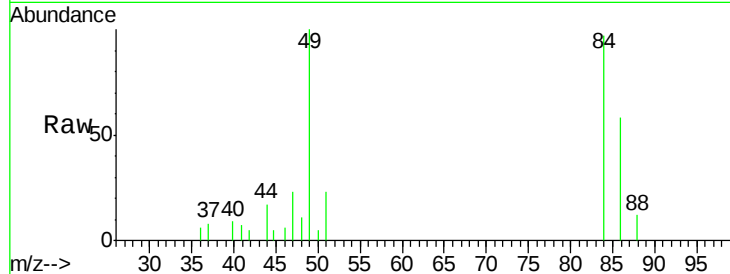
#16
Methvlene chloride
Concen: 1.219 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010092.D
Acq: 03 Apr 2019 15:00

Instrument :
MSVOA_V
ClientSampleId :
BF2M7

Tot Ion	Ratio	Lower	Upper
84	100		
49	103.1	84.3	156.5
86	60.2	45.4	84.2

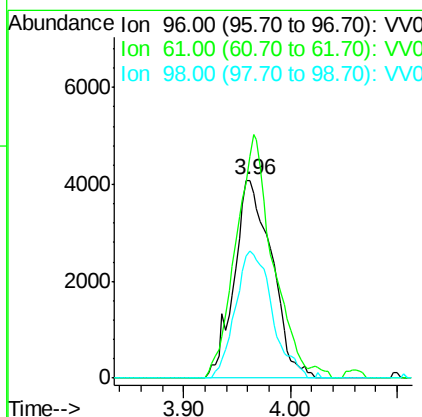
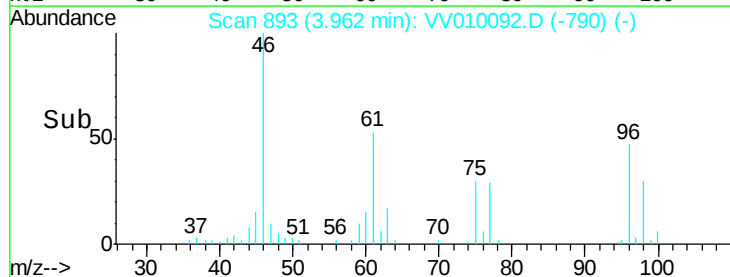
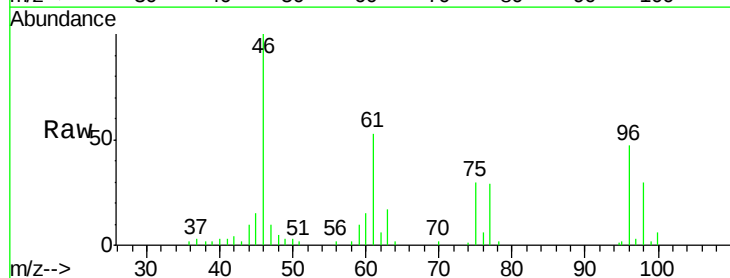
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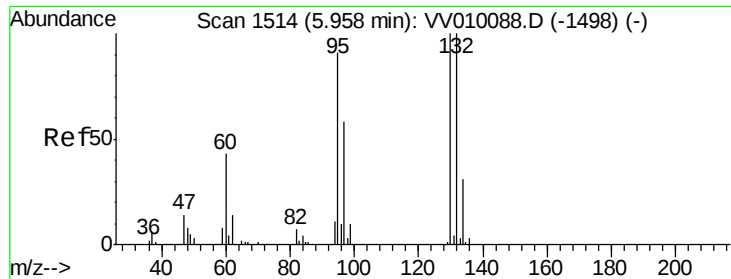
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#22
cis-1,2-Dichloroethene
Concen: 3.960 ug/L m
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV010092.D
Acq: 03 Apr 2019 15:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	112.0	82.7	153.5
98	64.0	43.9	81.5





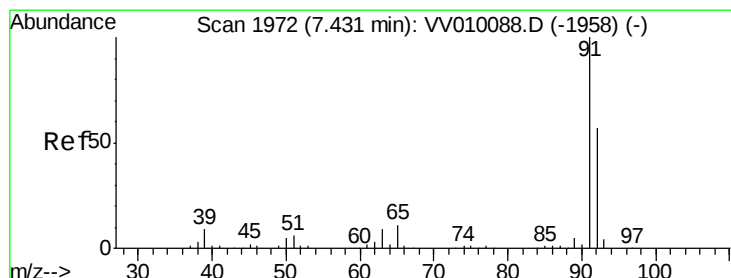
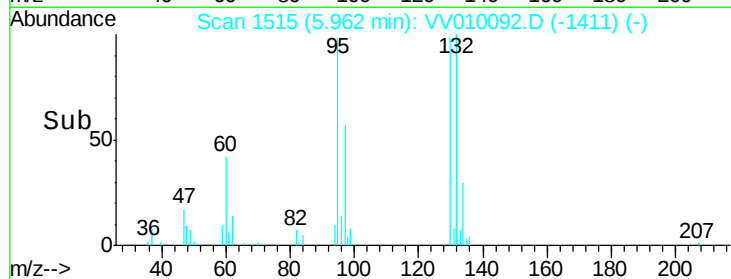
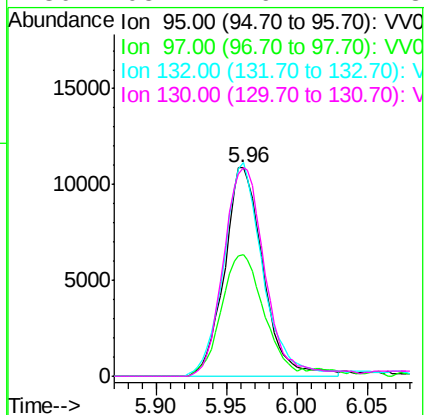
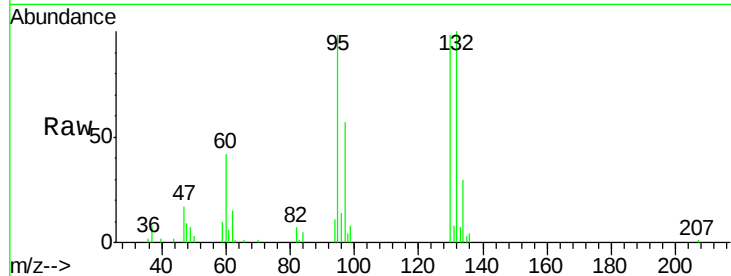
#35
 Trichloroethene
 Concen: 8.381 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV010092.D
 Acq: 03 Apr 2019 15:00

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2M7

Tot Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.8	85.2
132	103.3	70.6	131.0
130	105.7	76.1	141.3

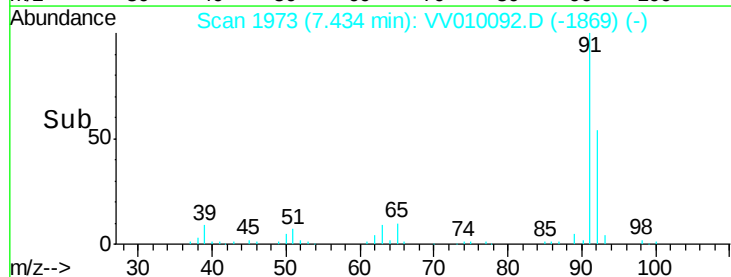
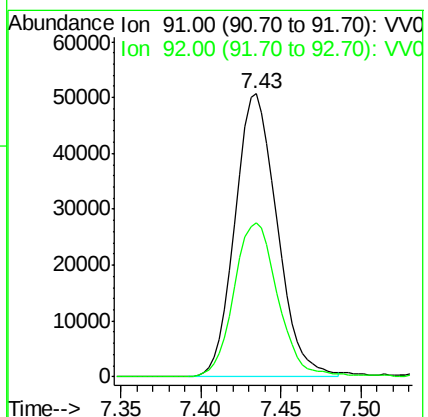
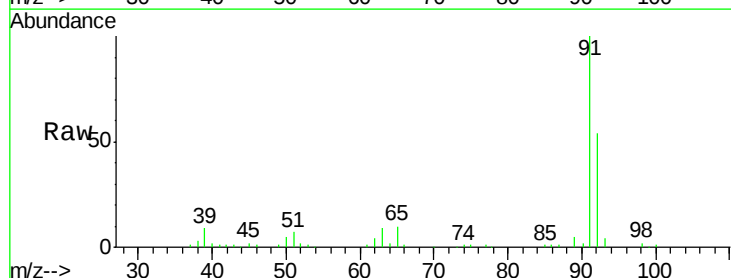
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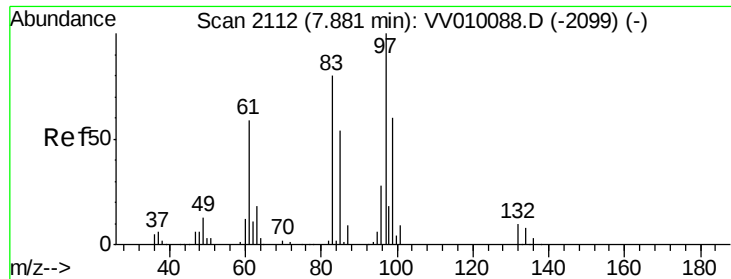
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#44
 Toluene
 Concen: 9.378 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV010092.D
 Acq: 03 Apr 2019 15:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	41.0	76.2





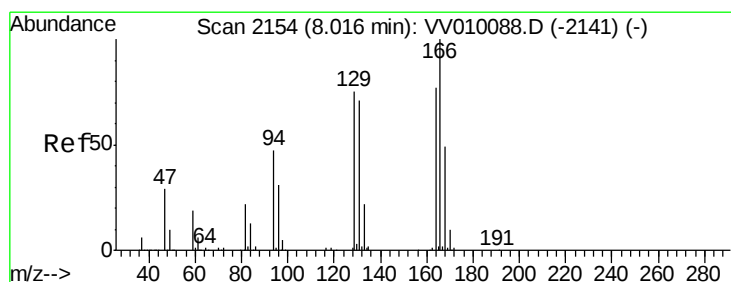
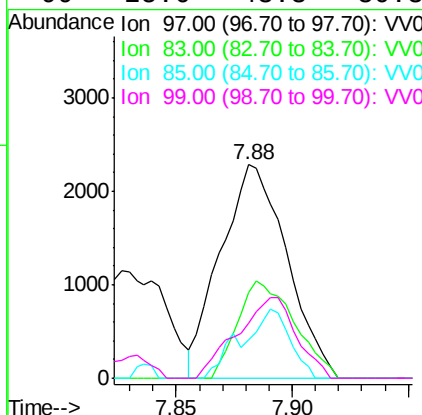
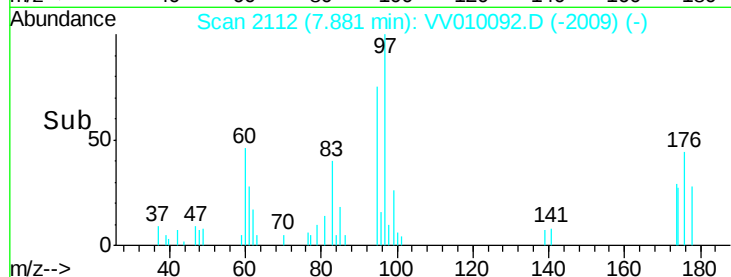
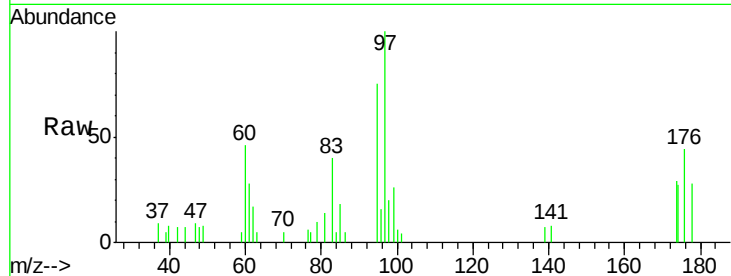
#46
1,1,2-Trichloroethane
Concen: 2.338 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV010092.D
Acq: 03 Apr 2019 15:00

Instrument :
MSVOA_V
ClientSampleId :
BF2M7

Tot Ion:	97	Resp:	4542
Ion	Ratio	Lower	Upper
97	100		
83	40.0	58.5	108.7#
85	18.2	37.2	69.2#
99	25.6	43.3	80.3#

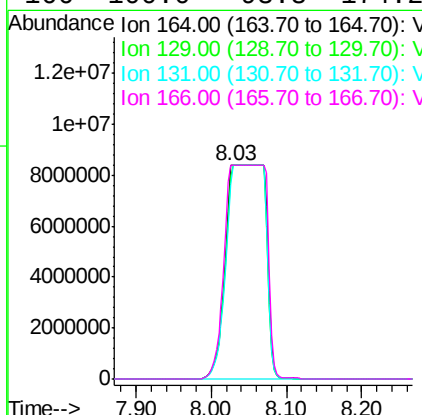
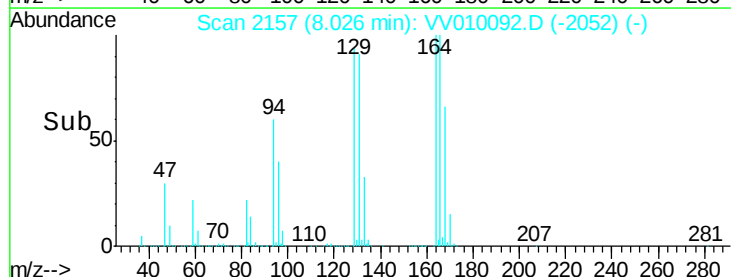
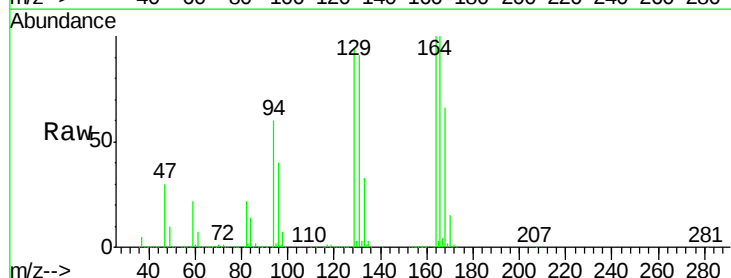
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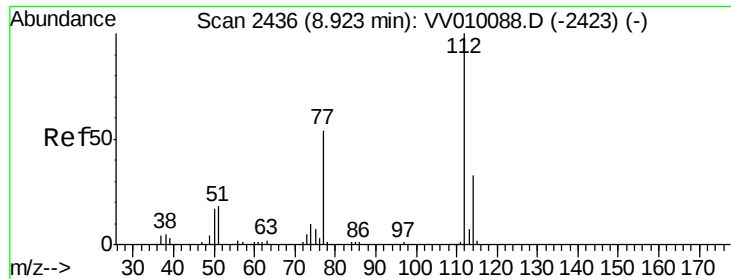
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#47
Tetrachloroethene
Concen: 14684.507 ug/L m
RT: 8.03 min Scan# 2157
Delta R.T. 0.01 min
Lab File: VV010092.D
Acq: 03 Apr 2019 15:00

Tgt Ion:	164	Resp:	30678114
Ion	Ratio	Lower	Upper
164	100		
129	94.4	67.8	125.8
131	91.2	65.2	121.0
166	100.0	93.8	174.2





#52
 Chlorobenzene
 Concen: 0.797 ug/L
 RT: 8.92 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: VV010092.D
 Acq: 03 Apr 2019 15:00

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2M7

Tot Ion	Ratio	Resp Lower	Upper
112	100		
77	53.1	42.9	64.3
114	44.6	23.4	43.4

Manual Integrations
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 4/5/2019 10:40:34 AM

