

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013326.D
 Acq On : 24 Oct 2019 20:34
 Operator : SY/MD
 Sample : K5457-09
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K14

Manual Integrations
 APPROVED

MMDadoda
 10/26/2019 10:04:07 AM

Quant Time: Oct 25 05:19:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 04:42:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	422458	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	459933	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	231796	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	170304	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.59	69	143450	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.13	63	225553	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	3.95	46	369407	61.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.52%
24) Chloroform-d	4.40	84	351066	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.08	65	167295	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.10	84	713564	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	220652	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	605208	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.67	79	62382	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.13	63	192406	31.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	144092	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	240851	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	34634	1.043	ug/L #	1
13) Acetone	2.21	43	15770m	5.099	ug/L	
14) Carbon disulfide	2.32	76	71540	0.750	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	7447	0.097	ug/L #	74
19) 1,1-Dichloroethane	3.23	63	9510	0.149	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	263633	6.291	ug/L #	91
29) 1,1,1-Trichloroethane	4.67	97	8695	0.128	ug/L #	89
34) Trichloroethene	5.96	95	109967	2.334	ug/L	95
47) Tetrachloroethene	8.02	164	17896	0.418	ug/L	98

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

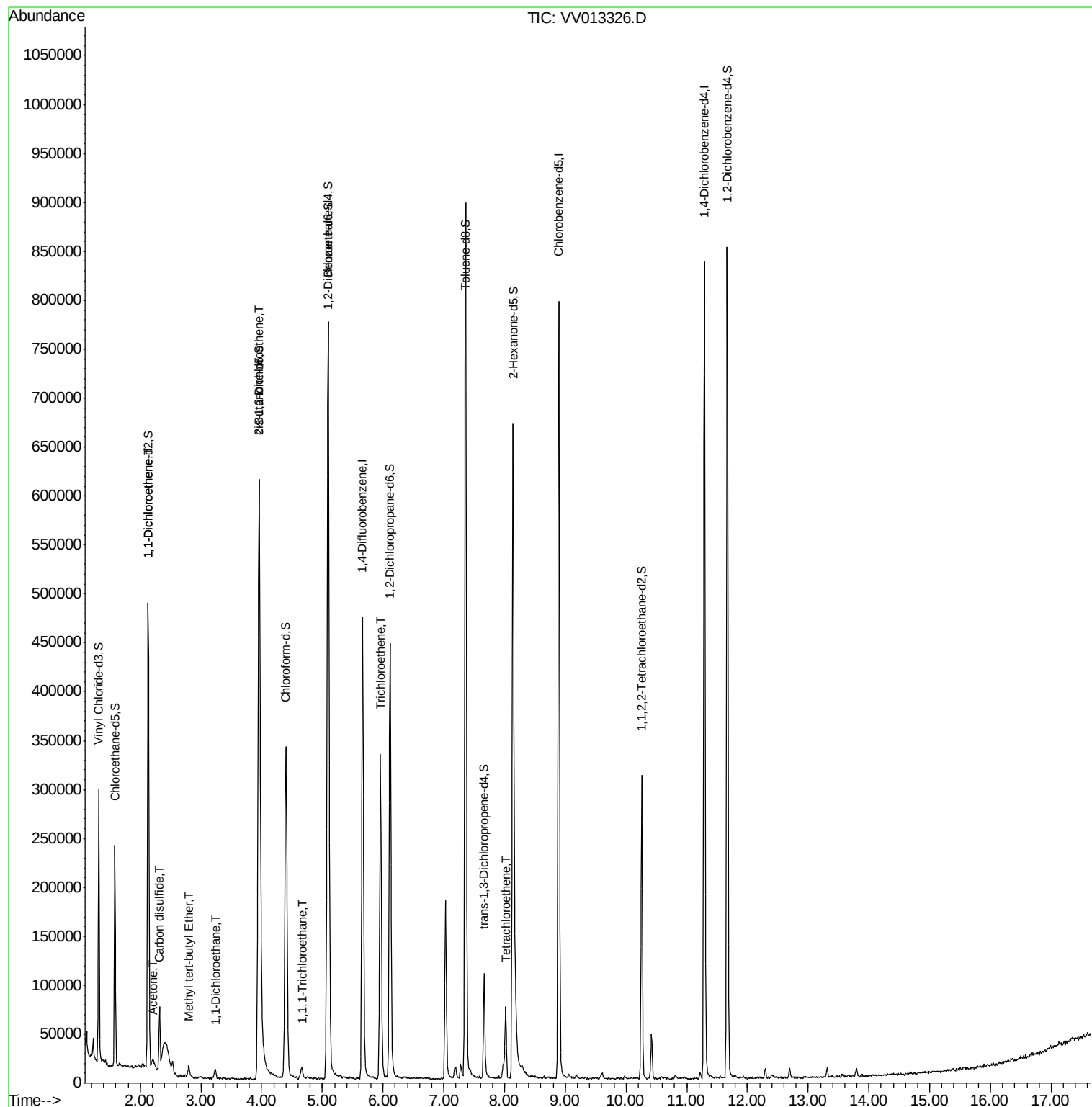
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102519\
Data File : VV013326.D
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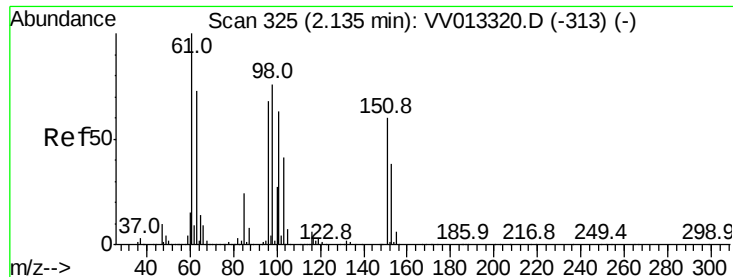
Instrument :
MSVOA_V
ClientSampleId :
C0K14

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.043 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.01 min

Lab File: VV013326.D

Acq: 24 Oct 2019 20:34

Instrument :

MSVOA_V

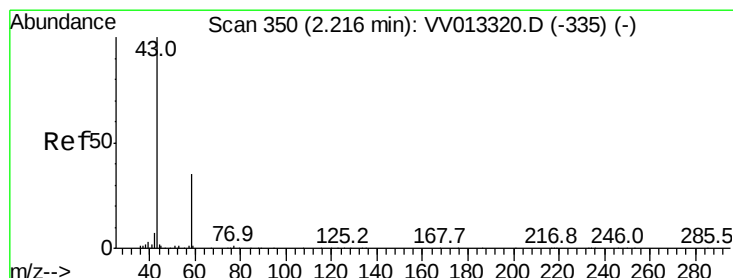
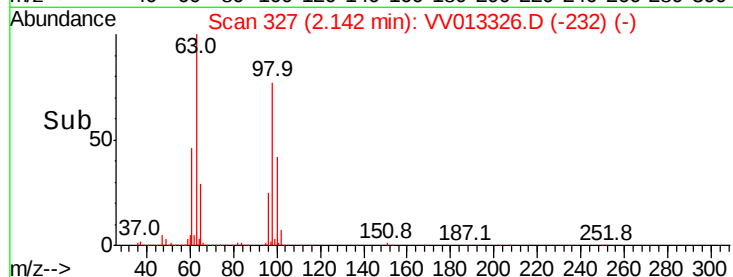
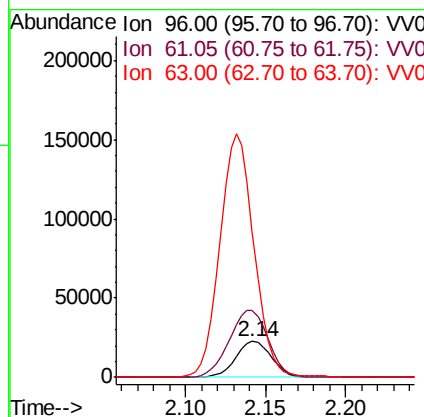
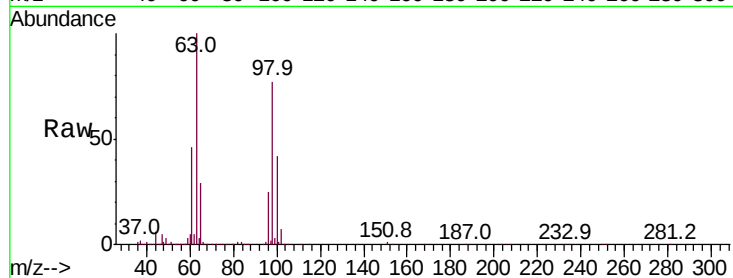
ClientSampled :

C0K14

Tot Ion	Ratio	Lower	Upper
96	100		
61	185.6	104.0	193.1
63	404.8	67.1	124.5#

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#13

Acetone

Concen: 5.099 ug/L m

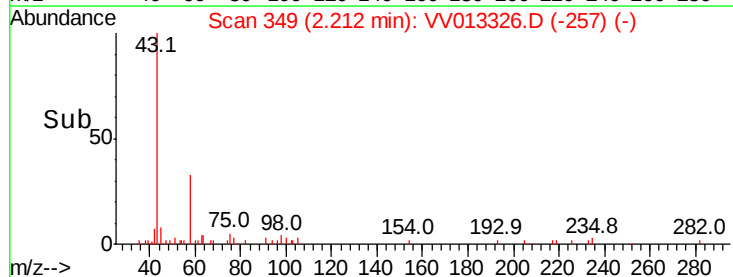
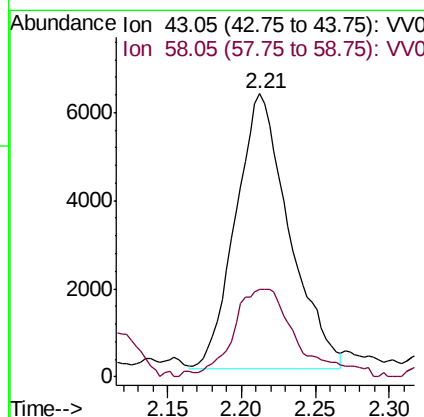
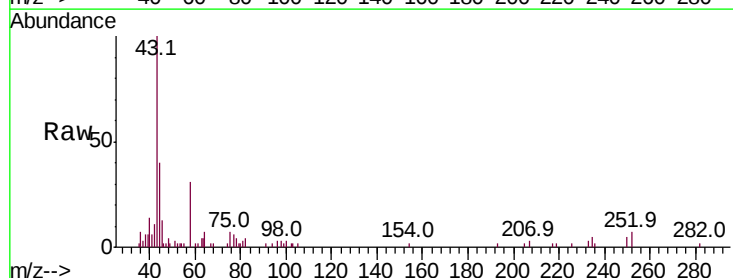
RT: 2.21 min Scan# 349

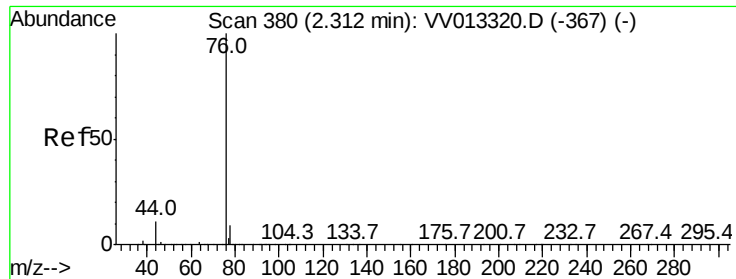
Delta R.T. -0.00 min

Lab File: VV013326.D

Acq: 24 Oct 2019 20:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	2.6	0.0	26.2





#14

Carbon disulfide

Concen: 0.750 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013326.D

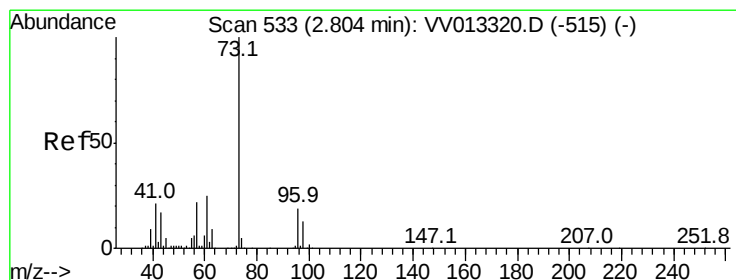
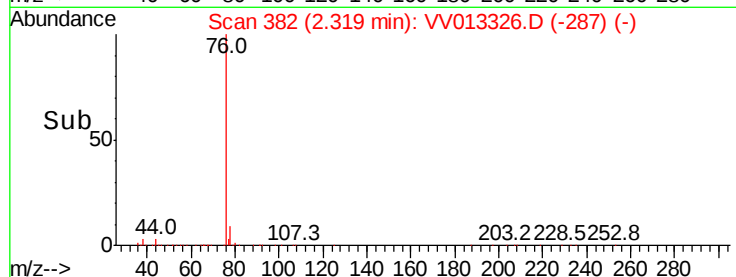
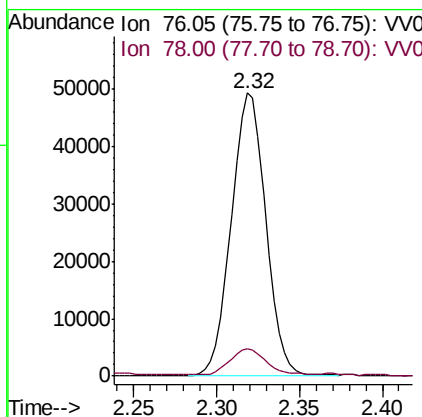
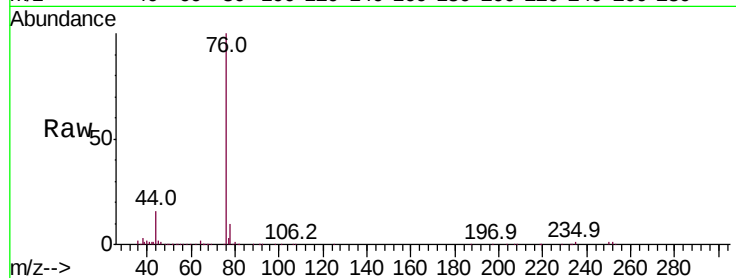
Acq: 24 Oct 2019 20:34

Instrument :
MSVOA_V
ClientSampled :
C0K14

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

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#17

Methyl tert-butyl Ether

Concen: 0.097 ug/L

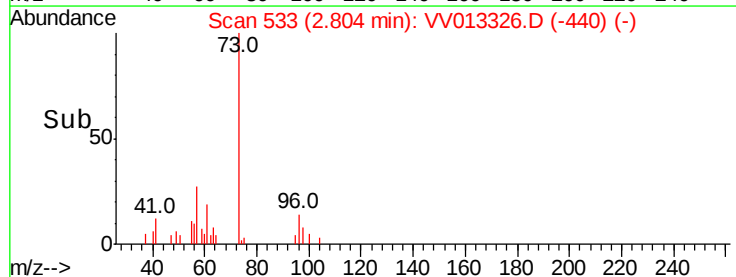
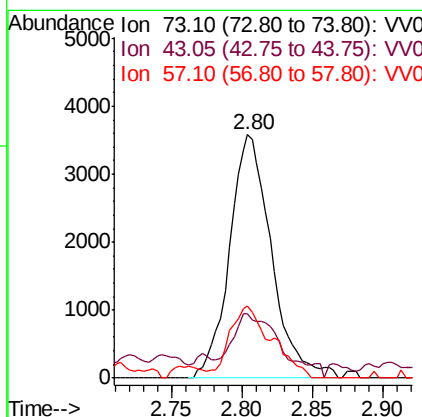
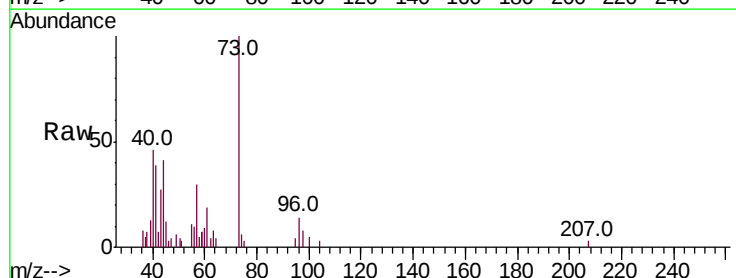
RT: 2.80 min Scan# 533

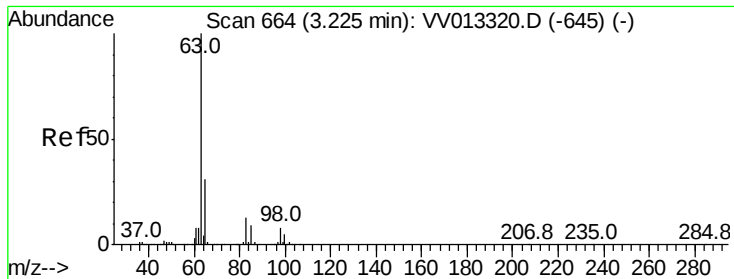
Delta R.T. -0.00 min

Lab File: VV013326.D

Acq: 24 Oct 2019 20:34

Tgt Ion	Ratio	Lower	Upper
73	100		
43	30.9	13.1	19.7#
57	29.9	16.4	24.6#





#19

1,1-Dichloroethane

Concen: 0.149 ug/L

RT: 3.23 min Scan# 667

Delta R.T. 0.01 min

Lab File: VV013326.D

Acq: 24 Oct 2019 20:34

Instrument :

MSVOA_V

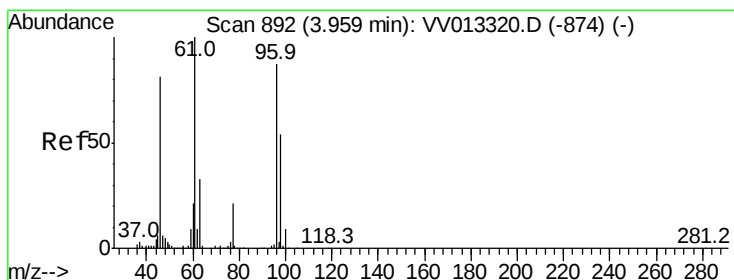
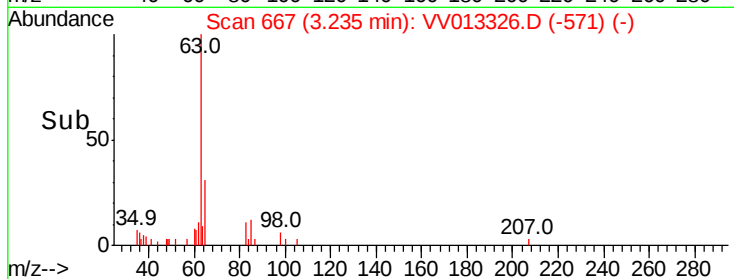
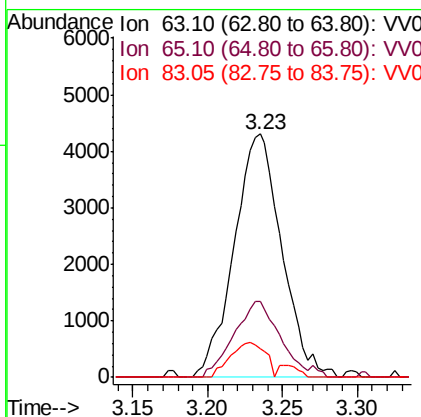
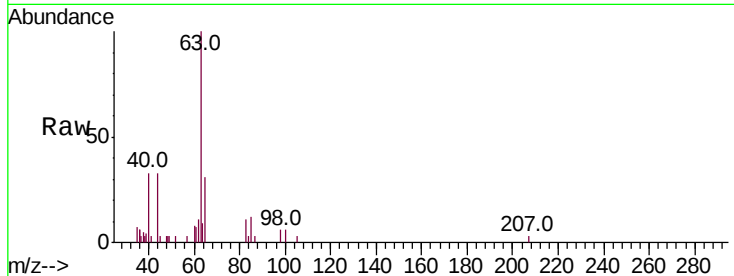
ClientSampleId :

C0K14

Tot Ion:	63	Resp:	9510
Ion Ratio	Lower	Upper	
63	100		
65	31.2	23.0	42.8
83	11.5	10.2	19.0

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#22

cis-1,2-Dichloroethene

Concen: 6.291 ug/L

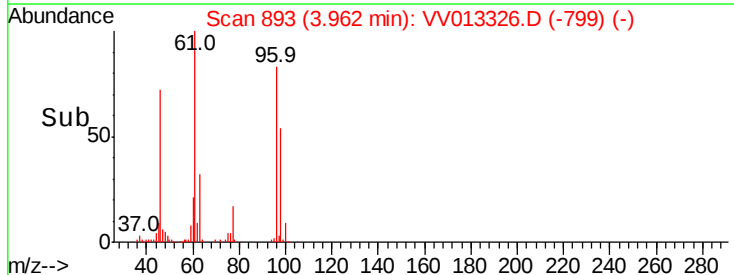
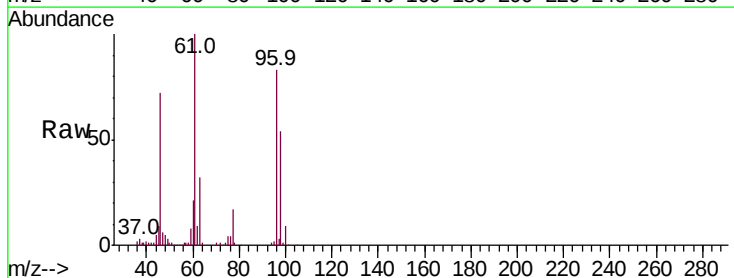
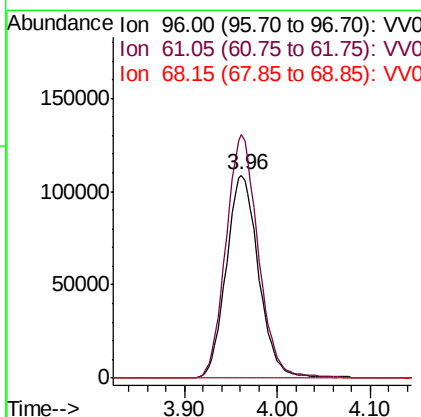
RT: 3.96 min Scan# 893

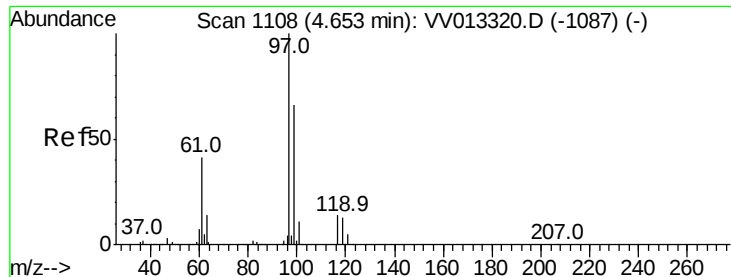
Delta R.T. 0.00 min

Lab File: VV013326.D

Acq: 24 Oct 2019 20:34

Tgt Ion:	96	Resp:	263633
Ion Ratio	Lower	Upper	
96	100		
61	119.9	77.3	143.7
68	0.0	0.1	0.1#





#29

1,1,1-Trichloroethane

Concen: 0.128 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VV013326.D

Acq: 24 Oct 2019 20:34

Instrument :

MSVOA_V

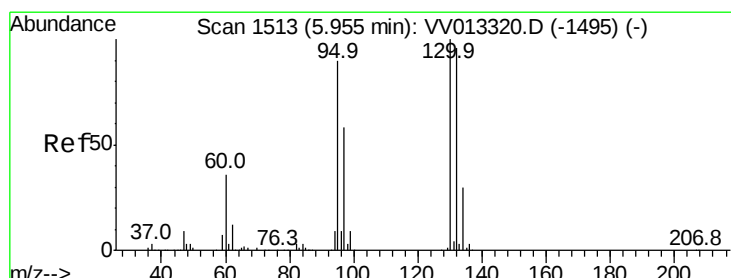
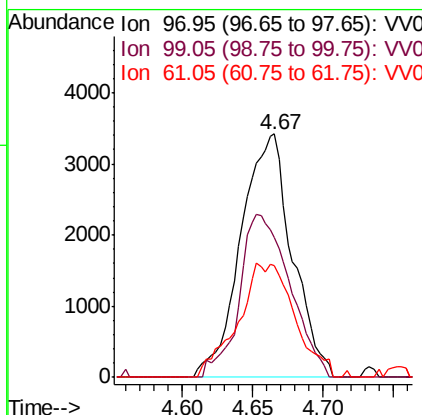
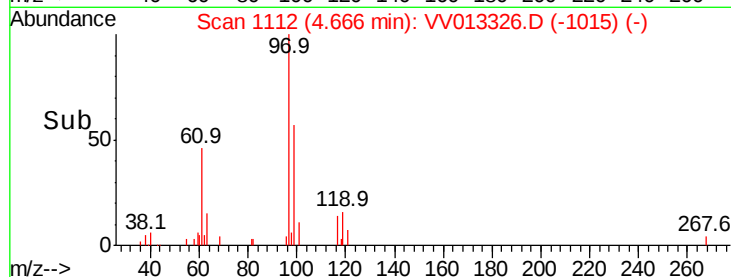
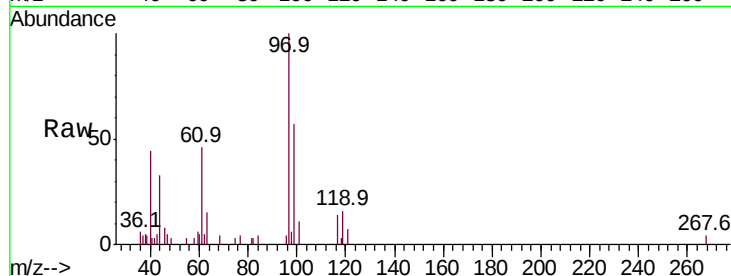
ClientSampleId :

C0K14

Tot Ion:	97	Resp:	8695
Ion Ratio	Lower	Upper	
97	100		
99	66.0	51.7	77.5
61	26.6	34.3	51.5#

Manual Integrations
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#34

Trichloroethene

Concen: 2.334 ug/L

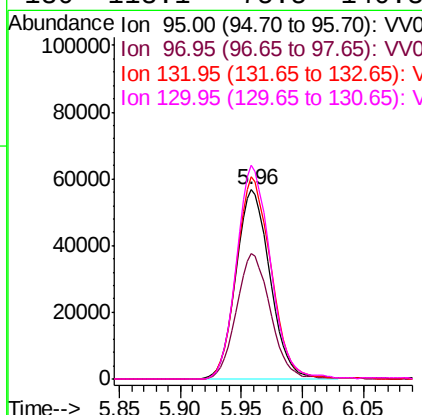
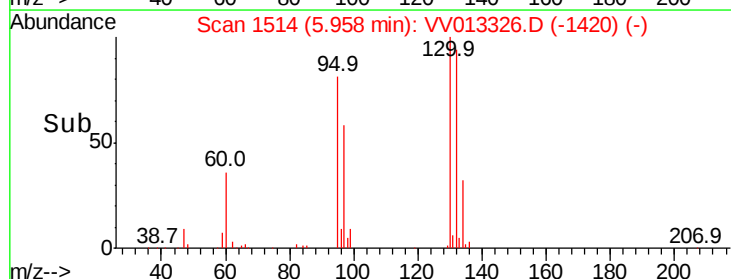
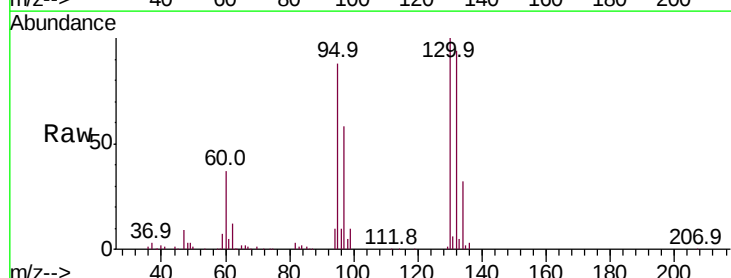
RT: 5.96 min Scan# 1514

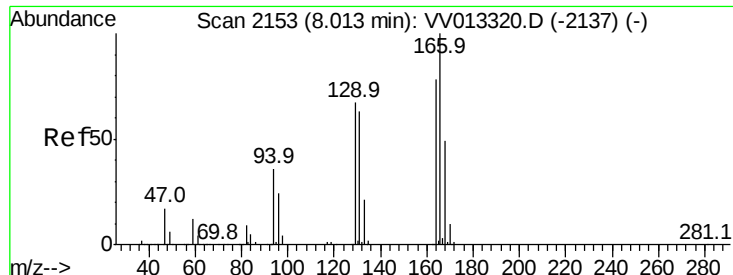
Delta R.T. 0.00 min

Lab File: VV013326.D

Acq: 24 Oct 2019 20:34

Tgt Ion:	95	Resp:	109967
Ion Ratio	Lower	Upper	
95	100		
97	66.1	45.2	84.0
132	106.8	70.6	131.2
130	113.1	75.5	140.3





#47

Tetrachloroethene

Concen: 0.418 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013326.D

Acq: 24 Oct 2019 20:34

Instrument :

MSVOA_V

ClientSampleId :

C0K14

Tot Ion:164 Resp: 17896

Ion Ratio Lower Upper

164 100

129 83.9 61.0 113.2

131 82.1 57.5 106.9

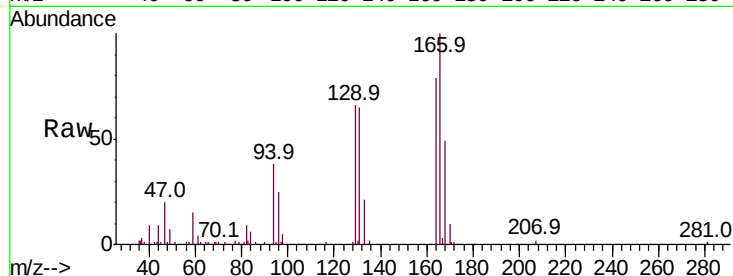
166 127.3 87.8 163.0

Manual Integrations

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10/26/2019 10:04:07 AM



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

