

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\
 Data File : VV011676.D
 Acq On : 21 Jun 2019 11:28
 Operator : SY/MD
 Sample : K3381-17 400X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM7

Manual Integrations
 APPROVED

MMDadoda
 6/24/2019 9:47:42 AM

Quant Time: Jun 24 09:02:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 22 04:10:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	176139	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	163197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42737	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.58	69	32915	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.12	63	75831	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.96	46	128494	41.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.44%
24) Chloroform-d	4.40	84	77031	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.20%
26) 1,2-Dichloroethane-d4	5.08	65	53261	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.09	84	182193	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.12	67	57390	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.36	98	158096	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.66	79	16918	3.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.20%
46) 2-Hexanone-d5	8.14	63	92296	40.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38058	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	51023	4.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	5416m	0.636	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2277	0.191	ug/L	90
12) 1,1-Dichloroethene	2.13	96	17137	1.572	ug/L #	64
16) Methylene chloride	2.53	84	2685	0.221	ug/L #	87
19) 1,1-Dichloroethane	3.22	63	52065	2.044	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	64640	4.590	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	315655	15.022	ug/L	99
34) Trichloroethene	5.96	95	17687	1.233	ug/L	98
47) Tetrachloroethene	8.02	164	2301	0.215	ug/L	89

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

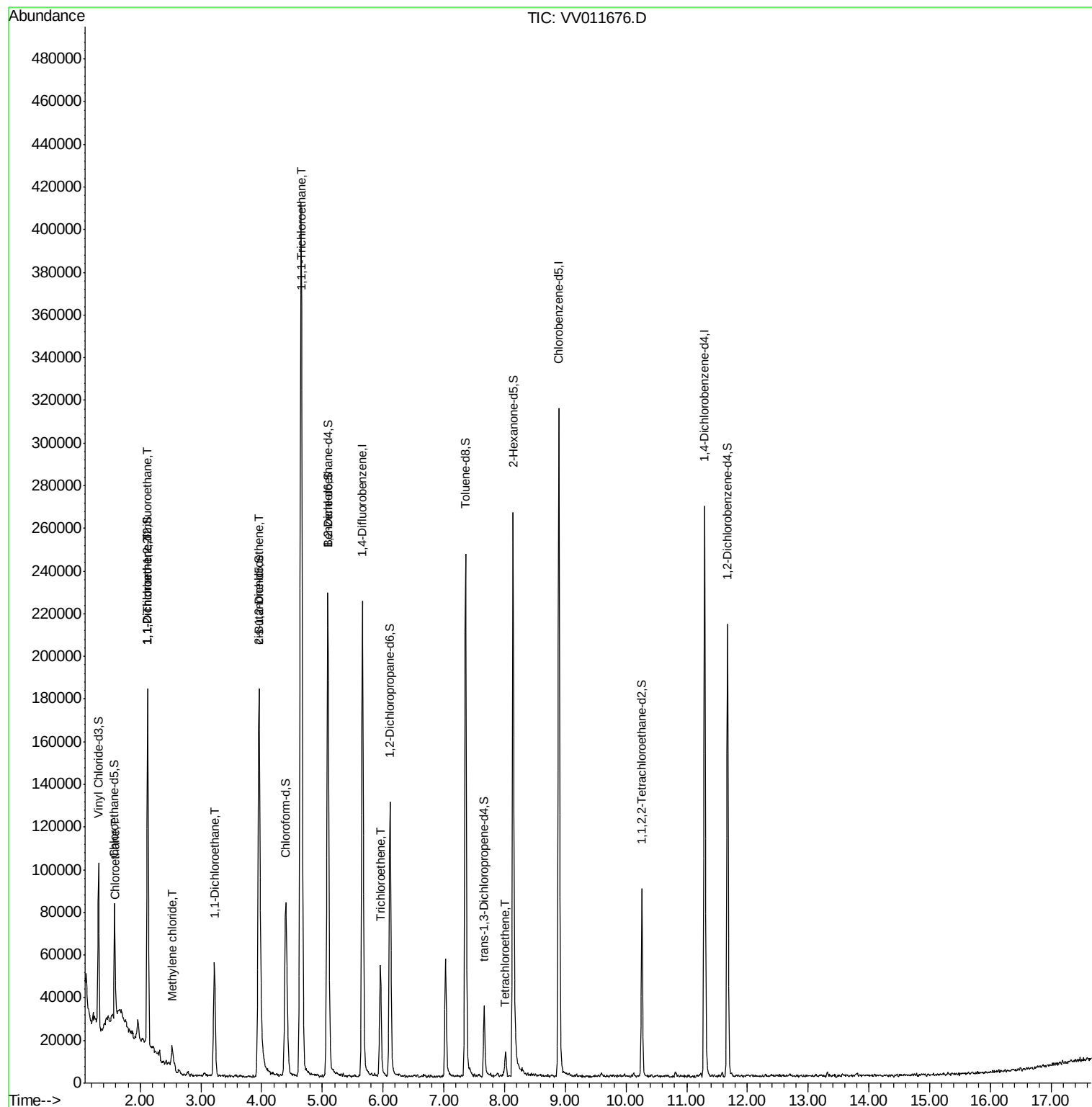
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062219\
Data File : VV011676.D
Acq On : 21 Jun 2019 11:28
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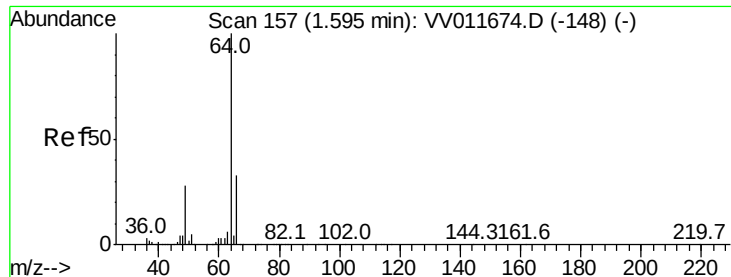
Instrument :
MSVOA_V
ClientSampleId :
BFCM7

Manual Integrations
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Quant Time: Jun 24 09:02:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.636 ug/L m

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV011676.D

Acq: 21 Jun 2019 11:28

Instrument :

MSVOA_V

ClientSampleId :

BFCM7

Tot Ion: 64 Resp: 5416

Ion Ratio Lower Upper

64 100

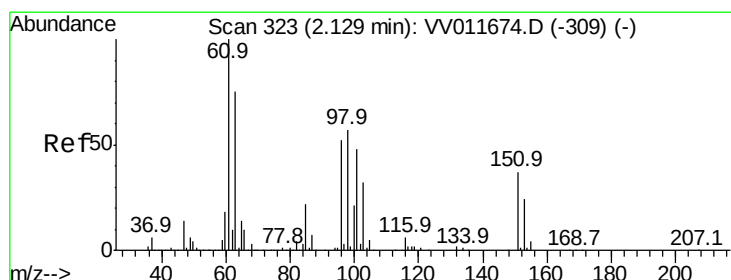
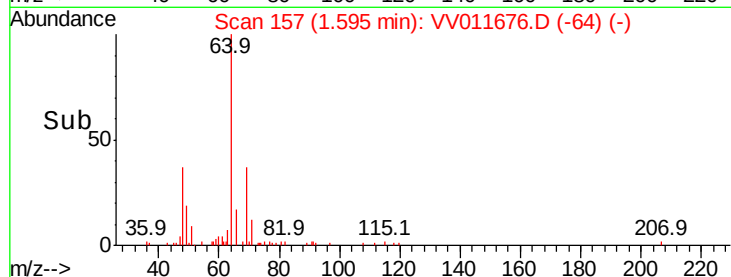
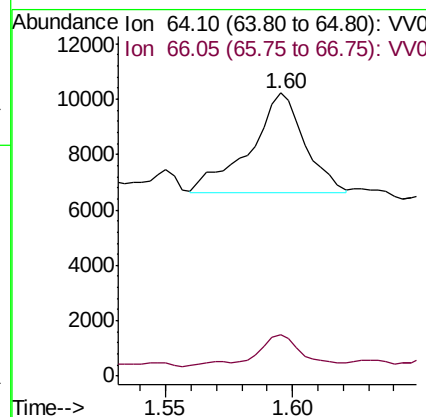
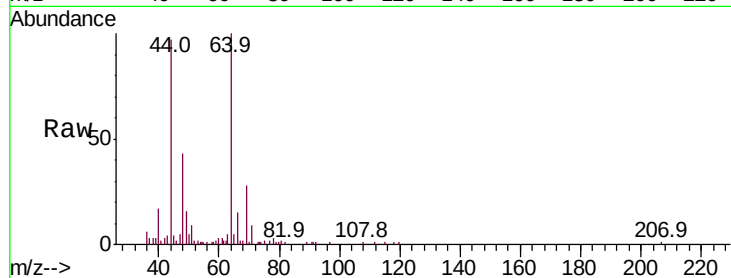
66 14.8 20.6 38.4#

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.191 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011676.D

Acq: 21 Jun 2019 11:28

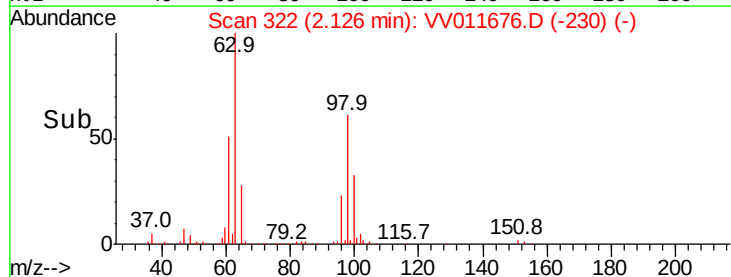
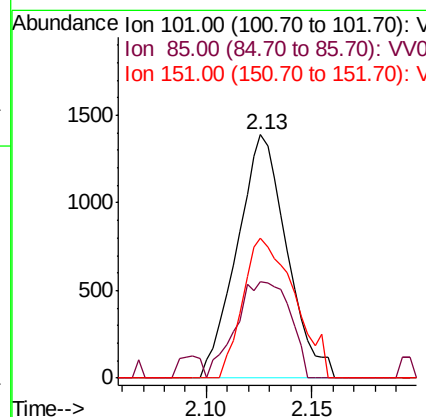
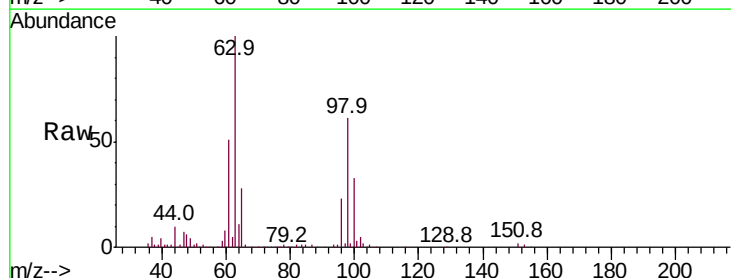
Tgt Ion: 101 Resp: 2277

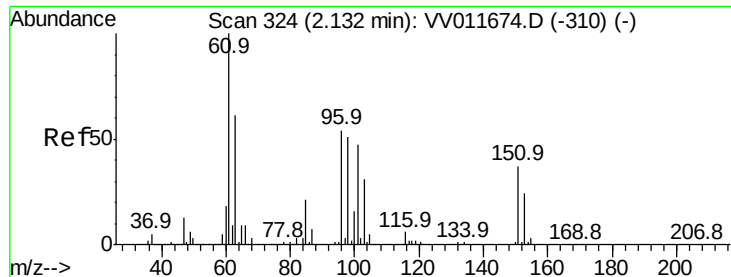
Ion Ratio Lower Upper

101 100

85 43.1 35.9 53.9

151 59.5 57.4 86.2





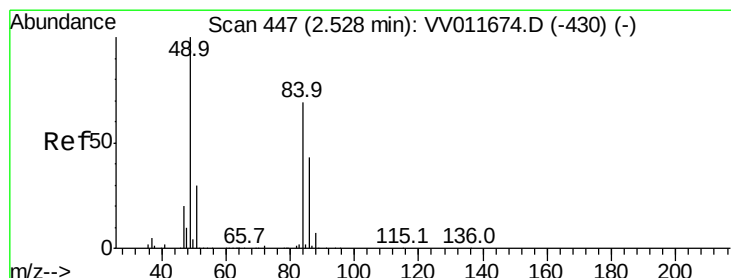
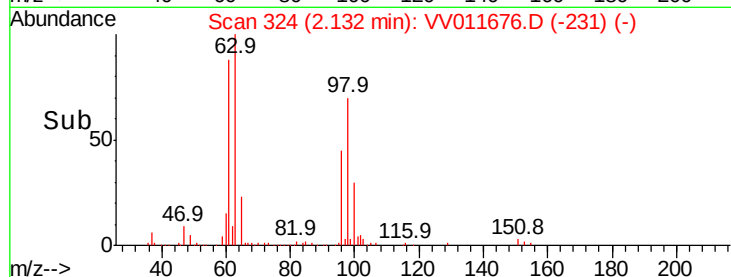
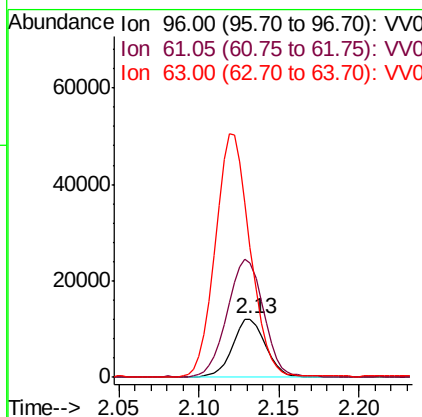
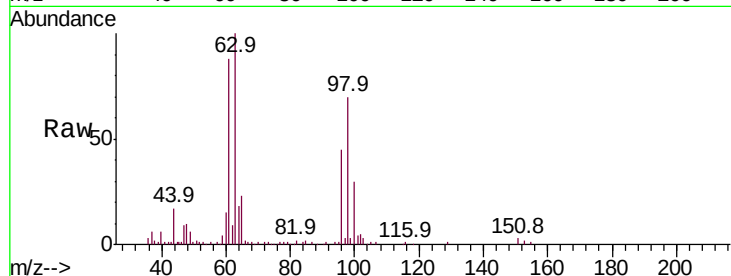
#12
 1,1-Dichloroethene
 Concen: 1.572 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV011676.D
 Acq: 21 Jun 2019 11:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM7

Tot Ion	Ratio	Lower	Upper
96	100		
61	195.9	131.5	244.1
63	223.6	91.8	170.4#

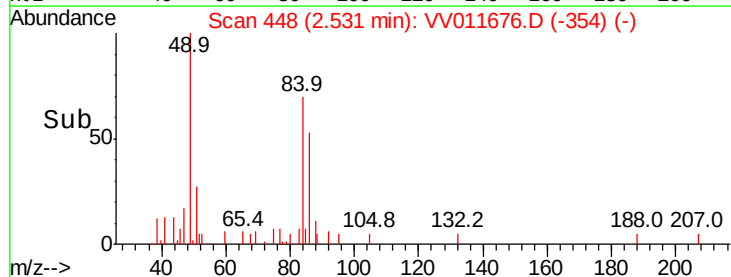
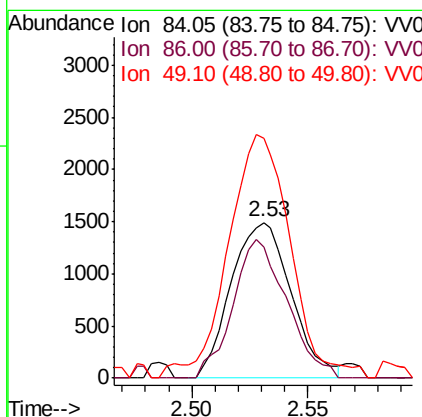
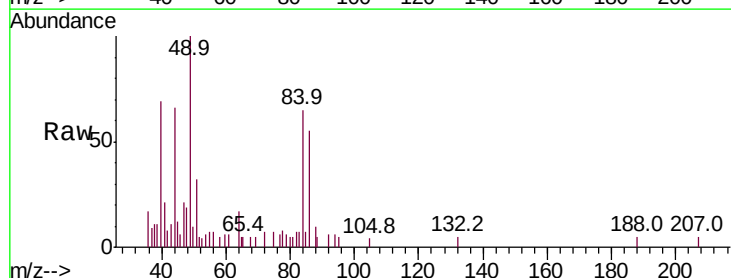
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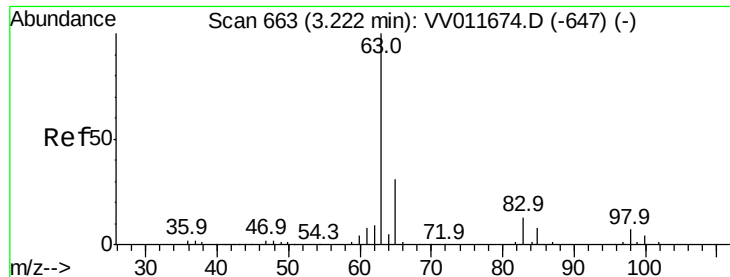
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#16
 Methylene chloride
 Concen: 0.221 ug/L
 RT: 2.53 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: VV011676.D
 Acq: 21 Jun 2019 11:28

Tgt Ion	Ratio	Lower	Upper
84	100		
86	83.8	44.9	83.5#
49	153.7	101.4	188.2





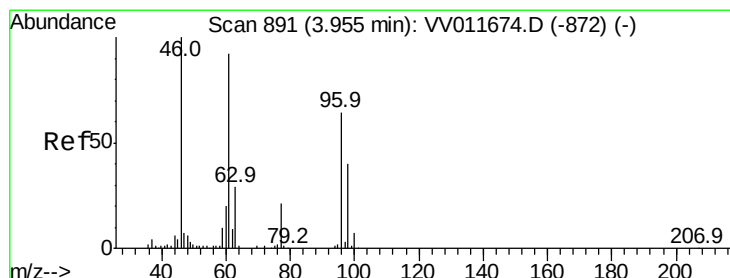
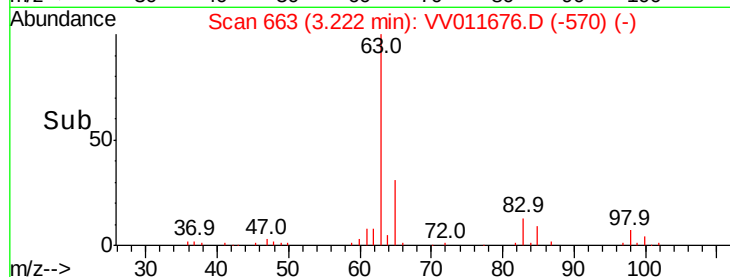
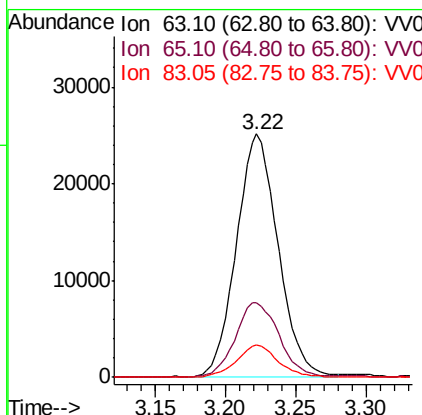
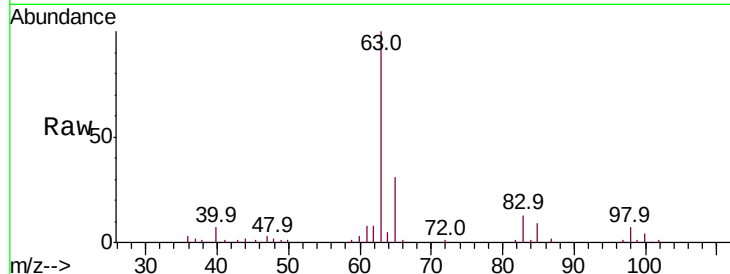
#19
 1,1-Dichloroethane
 Concen: 2.044 ug/L
 RT: 3.22 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VV011676.D
 Acq: 21 Jun 2019 11:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM7

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	23.0	42.8
83	13.2	9.5	17.7

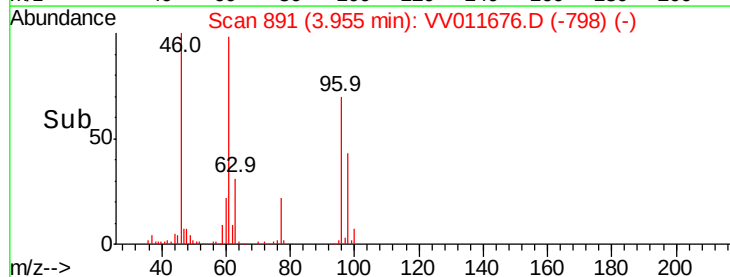
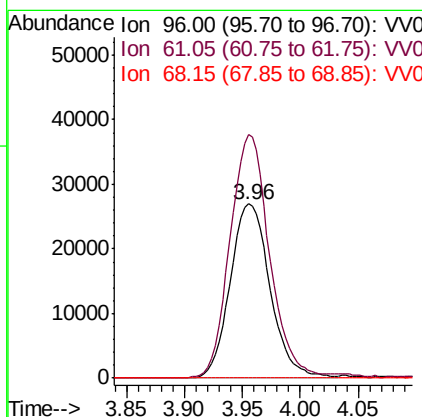
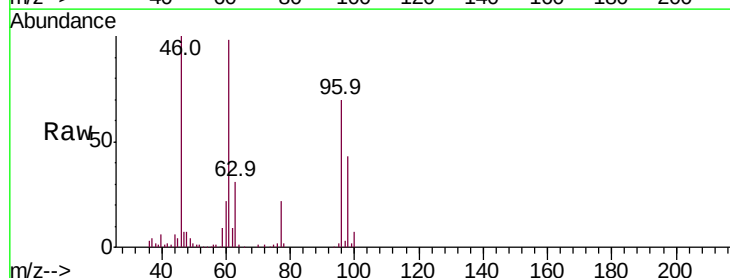
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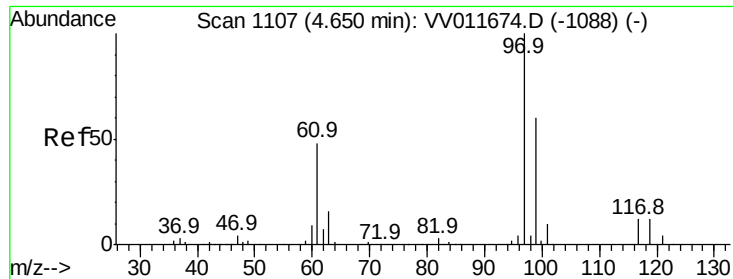
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#22
 cis-1,2-Dichloroethene
 Concen: 4.590 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV011676.D
 Acq: 21 Jun 2019 11:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.9	97.9	181.7
68	0.0	0.0	0.0





#29

1,1,1-Trichloroethane

Concen: 15.022 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VV011676.D

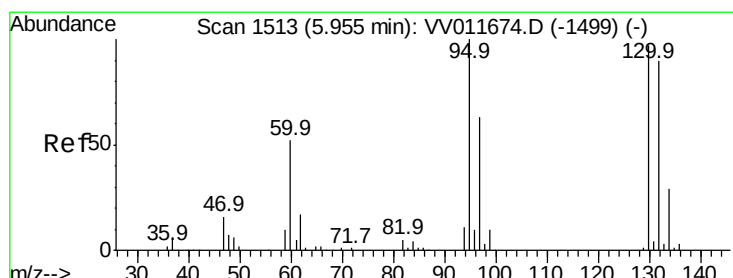
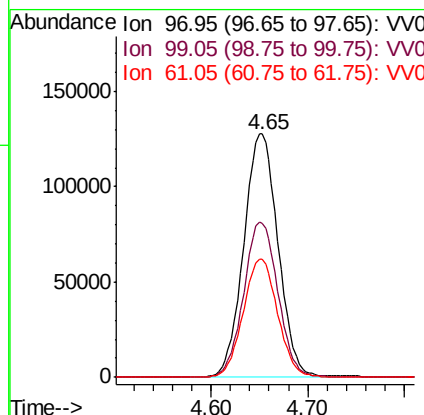
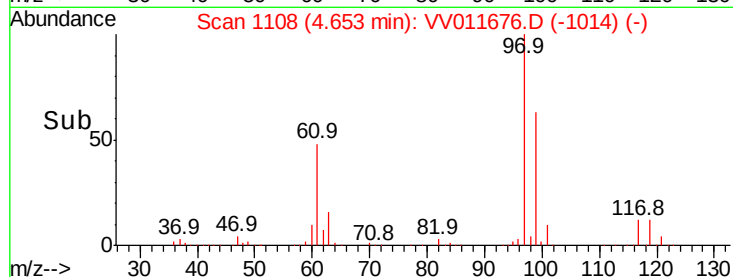
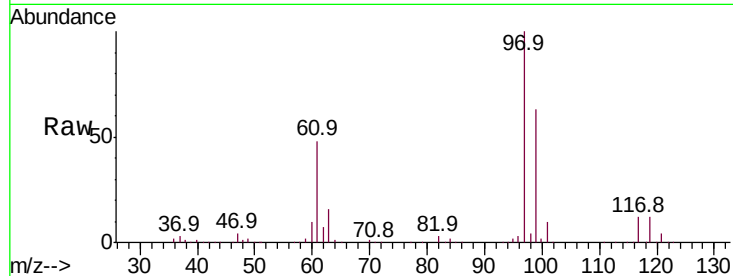
Acq: 21 Jun 2019 11:28

Instrument :
MSVOA_V
ClientSampled :
BFCM7

Tot Ion	Ratio	Resp	Lower	Upper
97	100			
99	63.7	51.6	77.4	
61	48.6	39.8	59.6	

Manual Integrations
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#34

Trichloroethene

Concen: 1.233 ug/L

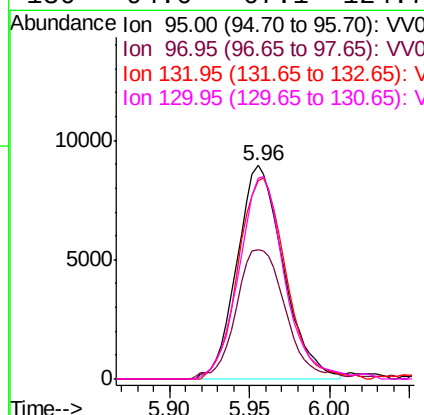
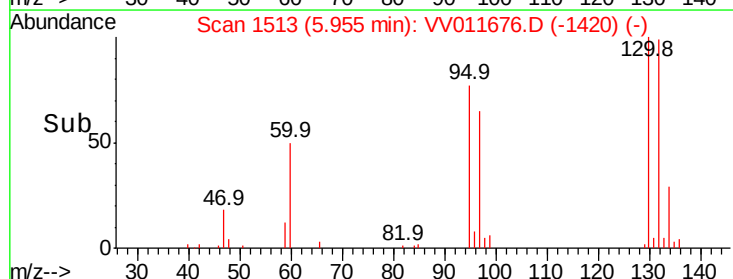
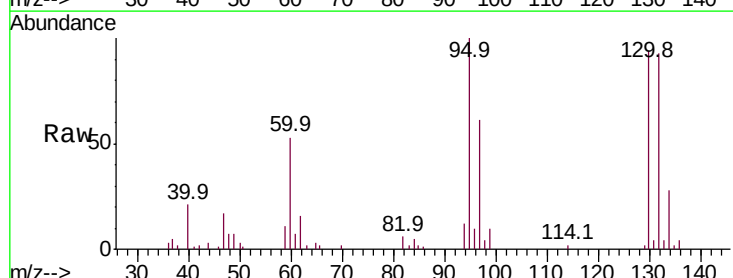
RT: 5.96 min Scan# 1513

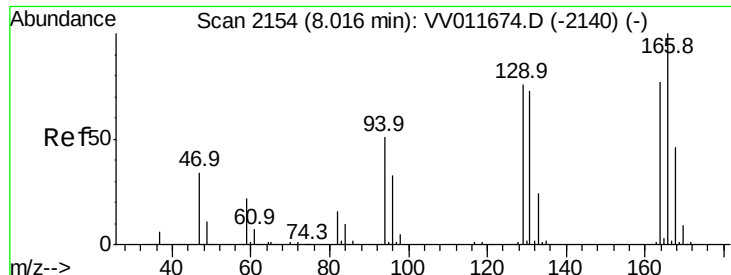
Delta R.T. -0.00 min

Lab File: VV011676.D

Acq: 21 Jun 2019 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
95	100			
97	60.7	44.4	82.5	
132	92.9	65.0	120.6	
130	94.0	67.1	124.7	





#47

Tetrachloroethene

Concen: 0.215 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV011676.D

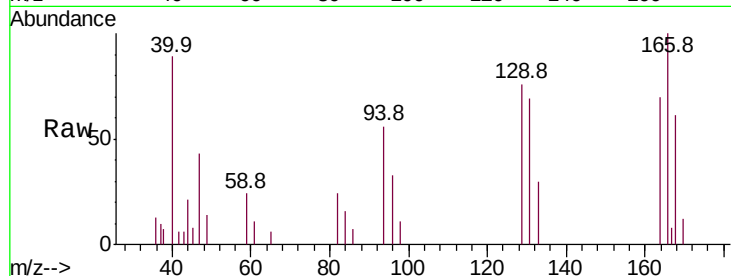
Acq: 21 Jun 2019 11:28

Instrument :

MSVOA_V

ClientSampleId :

BFCM7



Tot Ion:164 Resp: 2301

Ion Ratio Lower Upper

164 100

129 107.9 69.7 129.5

131 98.6 64.6 120.0

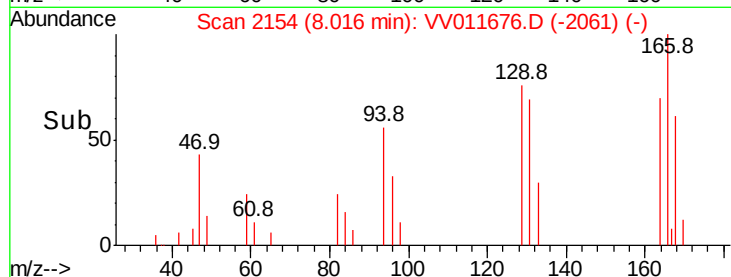
166 141.9 86.4 160.4

Manual Integrations

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6/24/2019 9:47:42 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

