

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007317.D
 Acq On : 31 Aug 2018 22:23
 Operator : SY/MD
 Sample : J4665-12DL 5X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA6DL

Manual Integrations
 APPROVED

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 9/4/2018 3:03:46 PM

Quant Time: Sep 01 01:18:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:00:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	602804	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	571018	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	204141	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	194886	53.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.00%
7) Chloroethane-d5	1.58	69	128884	56.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.38%
11) 1,1-Dichloroethene-d2	2.13	63	255031	37.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.42%
21) 2-Butanone-d5	3.96	46	278205	94.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.44%
24) Chloroform-d	4.41	84	381963	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.09	65	240793	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
32) Benzene-d6	5.11	84	775811	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
36) 1,2-Dichloropropane-d6	6.12	67	259782	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.12%
41) Toluene-d8	7.37	98	619322	45.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.26%
43) trans-1,3-Dichloropropene-	7.67	79	102861	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.66%
47) 2-Hexanone-d5	8.14	63	175478	92.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.57%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	330106	47.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.26%
64) 1,2-Dichlorobenzene-d4	11.68	152	221939	54.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.22%

Target Compounds

					Ovalue	
5) Vinyl chloride	1.32	62	13859m	2.84	ug/L	
19) 1,1-Dichloroethane	3.23	63	11137	1.40	ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	77967	17.19	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	11147	1.72	ug/L	96
34) Trichloroethene	5.96	95	177615	42.38	ug/L	96
46) Tetrachloroethene	8.02	164	76896	21.89	ug/L	98

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

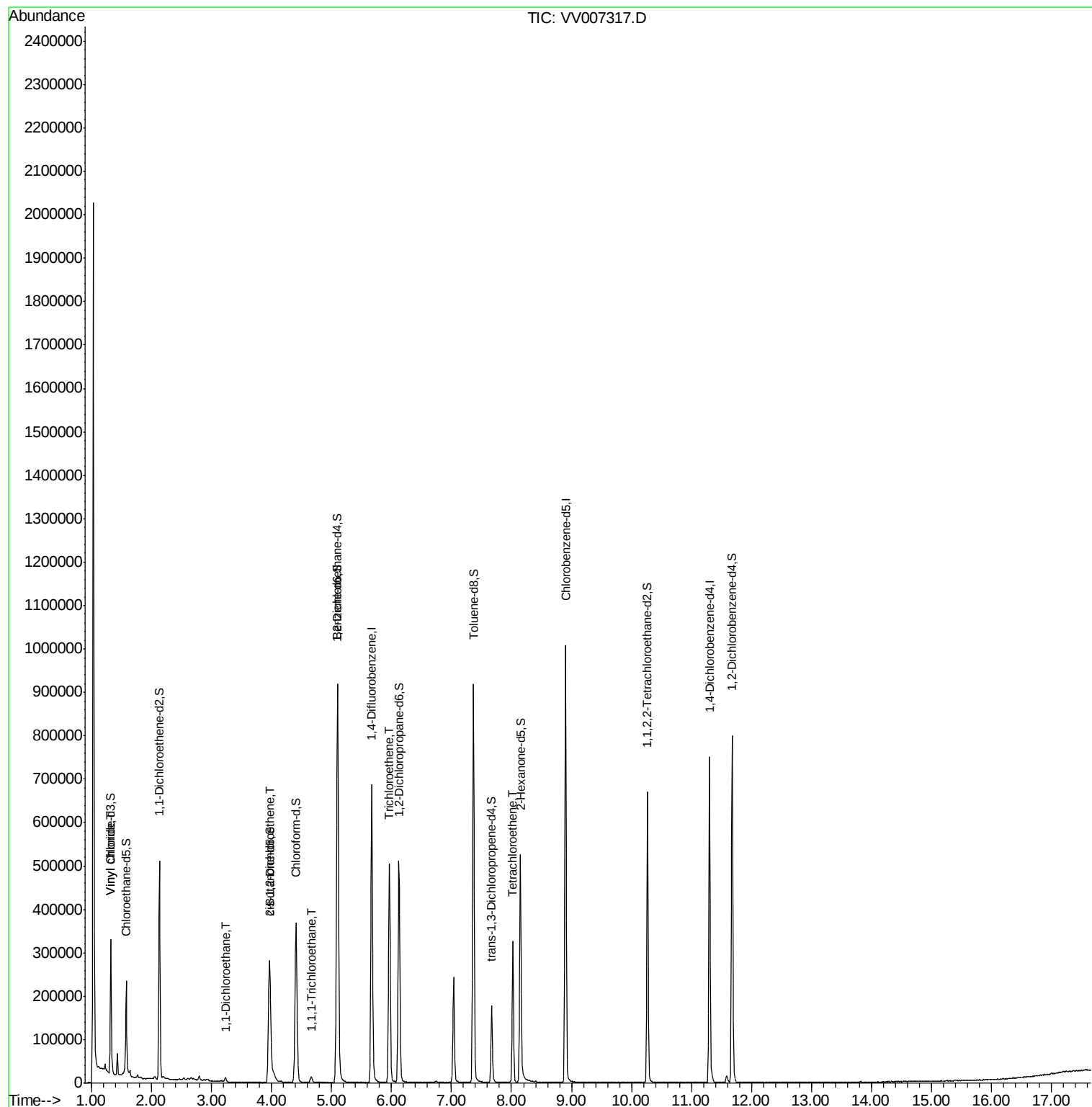
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
Data File : VV007317.D
Acq On : 31 Aug 2018 22:23
Operator : SY/MD
Sample : J4665-12DL 5X
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

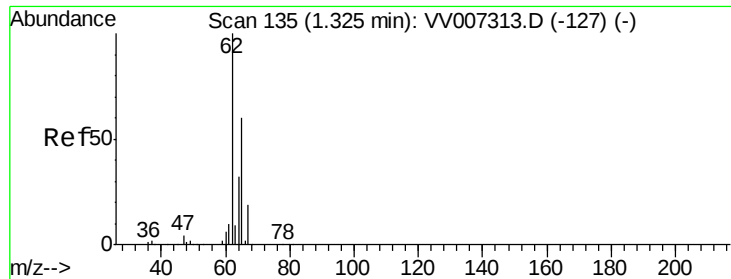
Instrument :
MSVOA_V
ClientSampleId :
E0AA6DL

Manual Integrations
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9/4/2018 3:03:46 PM

Quant Time: Sep 01 01:18:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:00:35 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.84 ug/L m

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV007317.D

Acq: 31 Aug 2018 22:23

Instrument :

MSVOA_V

ClientSampled :

E0AA6DL

Tot Ion: 62 Resp: 13859

Ion Ratio Lower Upper

62 100

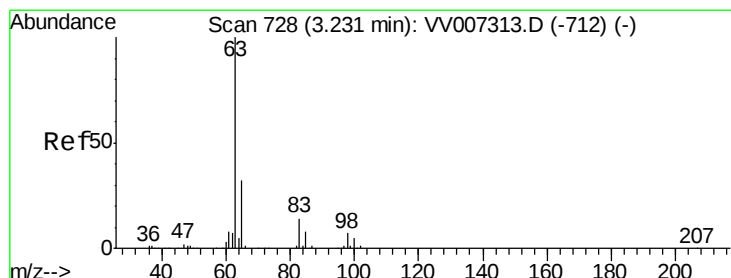
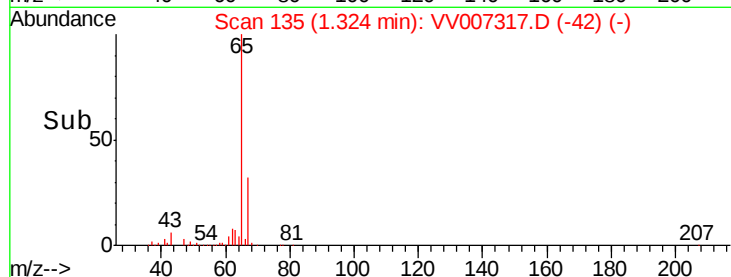
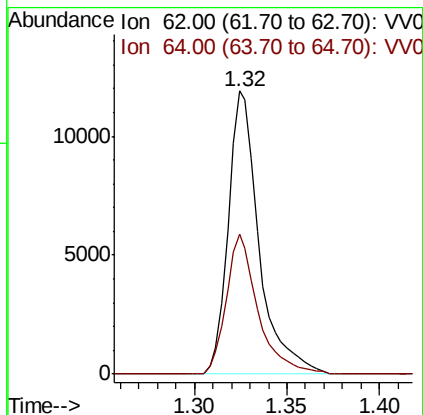
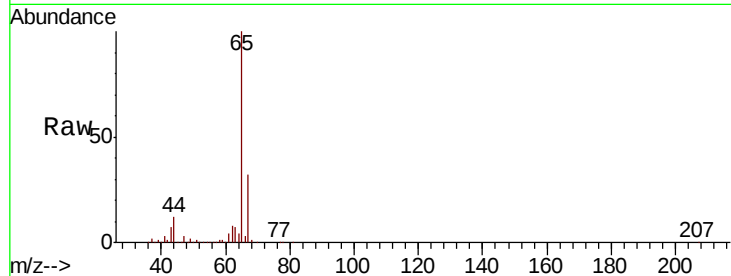
64 49.4 23.2 43.0#

Manual Integrations

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#19

1,1-Dichloroethane

Concen: 1.40 ug/L

RT: 3.23 min Scan# 729

Delta R.T. 0.00 min

Lab File: VV007317.D

Acq: 31 Aug 2018 22:23

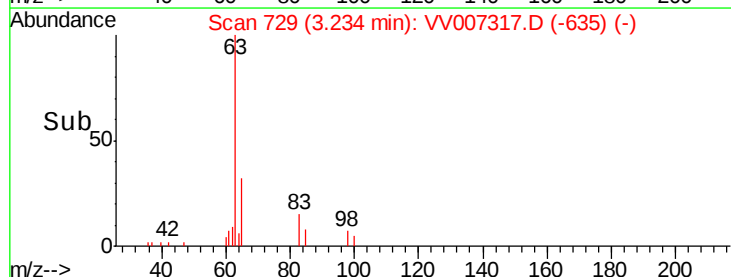
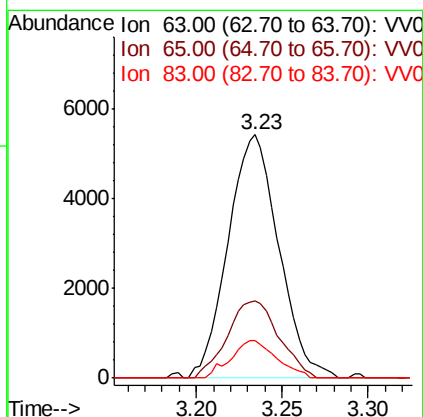
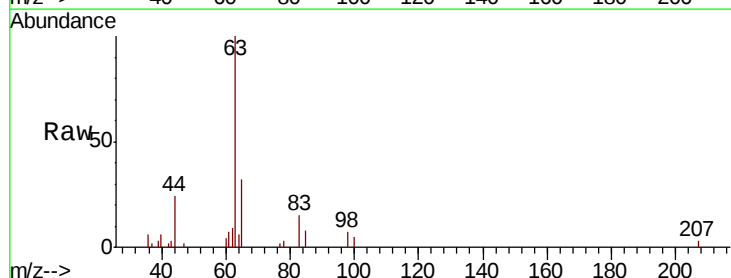
Tgt Ion: 63 Resp: 11137

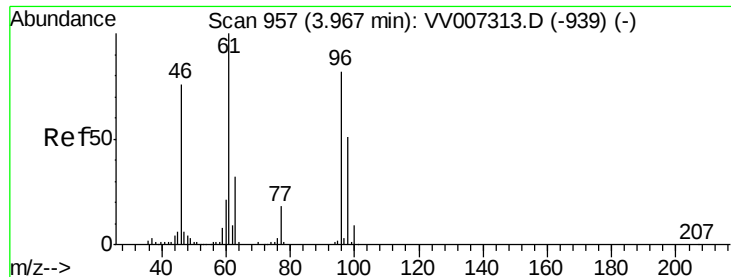
Ion Ratio Lower Upper

63 100

65 31.7 22.0 41.0

83 15.2 8.8 16.4





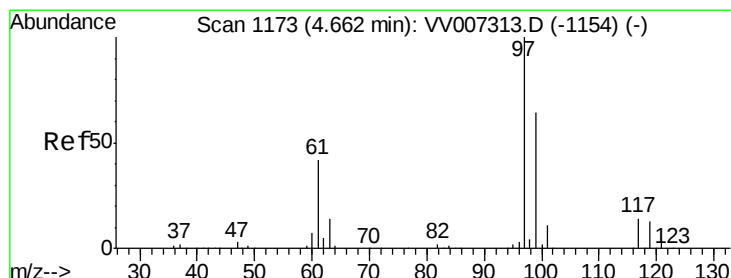
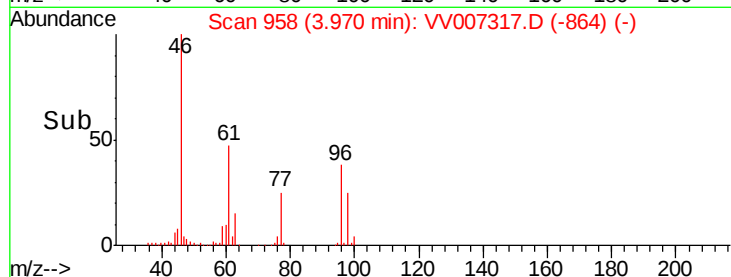
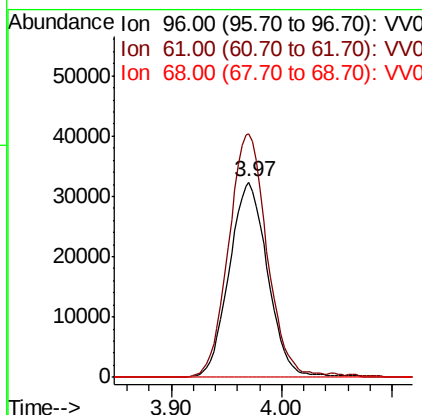
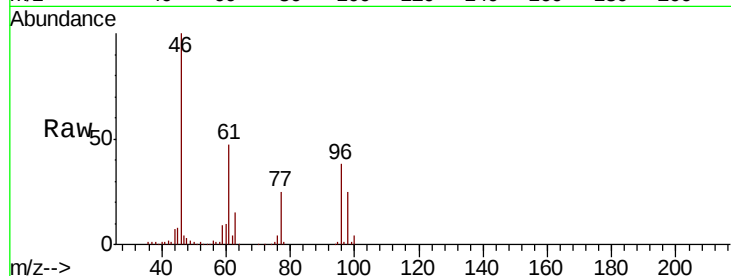
#20
 cis-1,2-Dichloroethene
 Concen: 17.19 ug/L
 RT: 3.97 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: VV007317.D
 Acq: 31 Aug 2018 22:23

Instrument :
 MSVOA_V
 ClientSampled :
 E0AA6DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.8	88.4	164.2
68	0.0	0.0	0.0

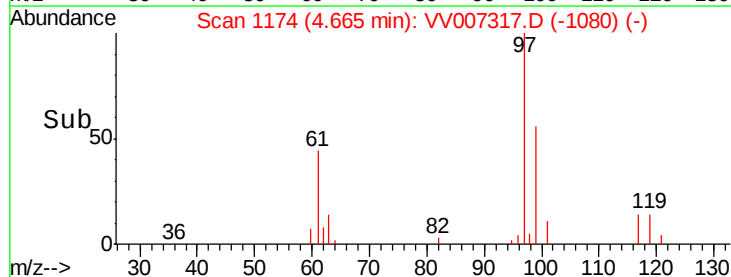
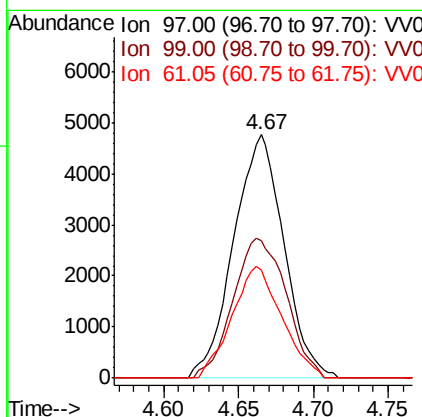
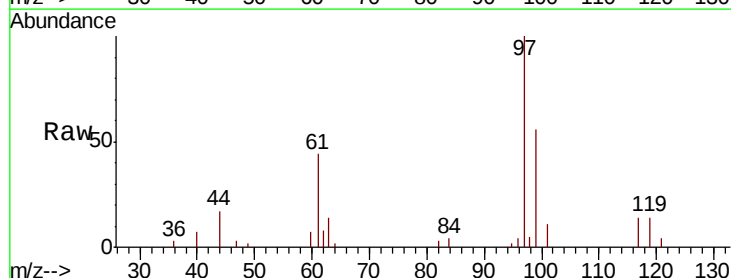
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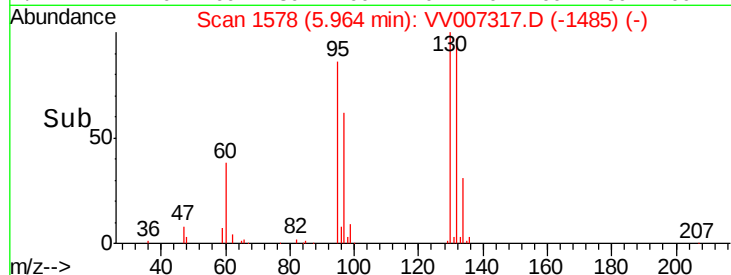
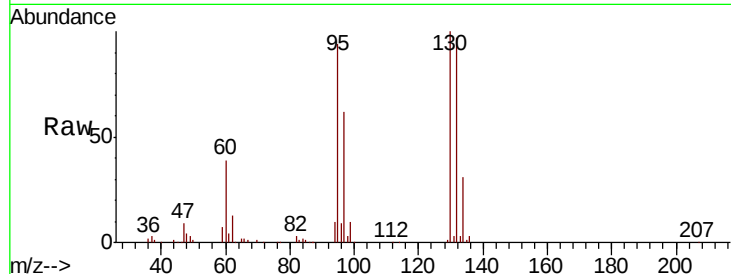
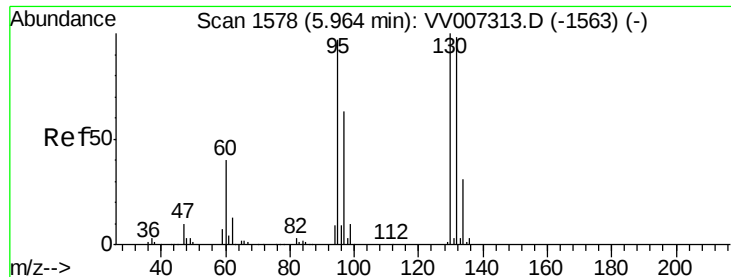
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#30
 1,1,1-Trichloroethane
 Concen: 1.72 ug/L
 RT: 4.67 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VV007317.D
 Acq: 31 Aug 2018 22:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	60.8	51.4	77.0
61	45.4	34.6	51.8





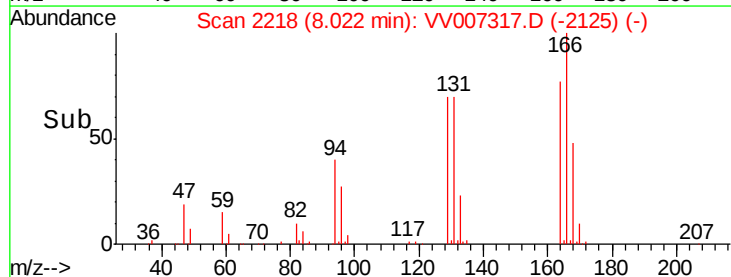
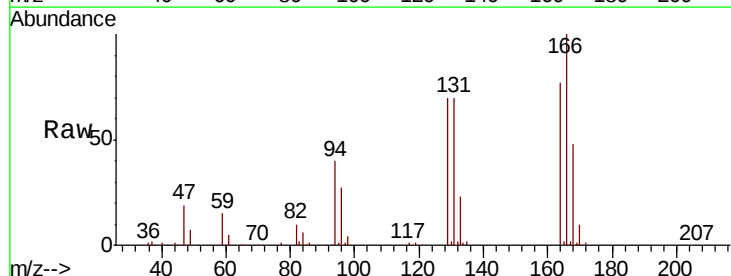
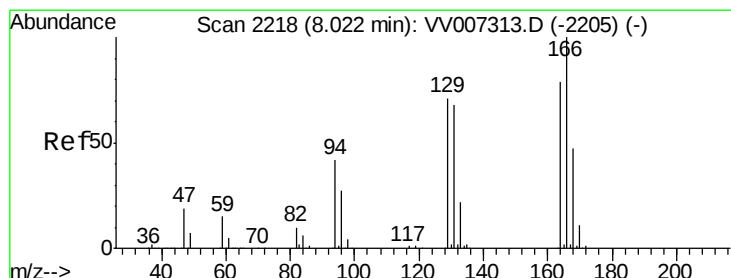
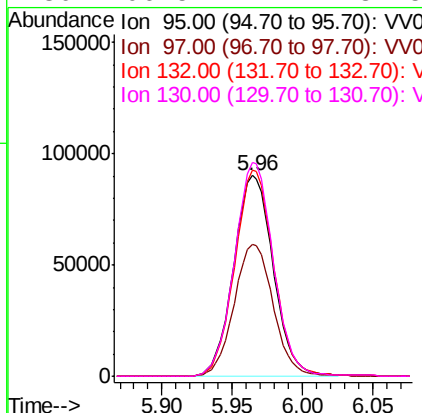
#34
 Trichloroethene
 Concen: 42.38 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VV007317.D
 Acq: 31 Aug 2018 22:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		177615		
97	65.7	45.1		83.9	
132	103.0	68.3		126.9	
130	106.5	72.4		134.5	

Instrument :
 MSVOA_V
 ClientSampleID :
 E0AA6DL

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#46
 Tetrachloroethene
 Concen: 21.89 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV007317.D
 Acq: 31 Aug 2018 22:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		76896		
129	90.9	64.5		119.7	
131	90.1	61.2		113.8	
166	129.4	89.1		165.5	

