

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011518.D
 Acq On : 15 Jun 2019 04:15
 Operator : SY/MD
 Sample : K3313-19
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COM11

Quant Time: Jun 15 04:49:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 15 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	182955	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	168255	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67772	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60253	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	44804	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.13	63	265090	10.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	201.60%#
20) 2-Butanone-d5	3.96	46	190539	49.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	4.40	84	122699	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	73482	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.09	84	247292	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	77483	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	212417	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.66	79	23911	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	149022	48.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53925	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	68457	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

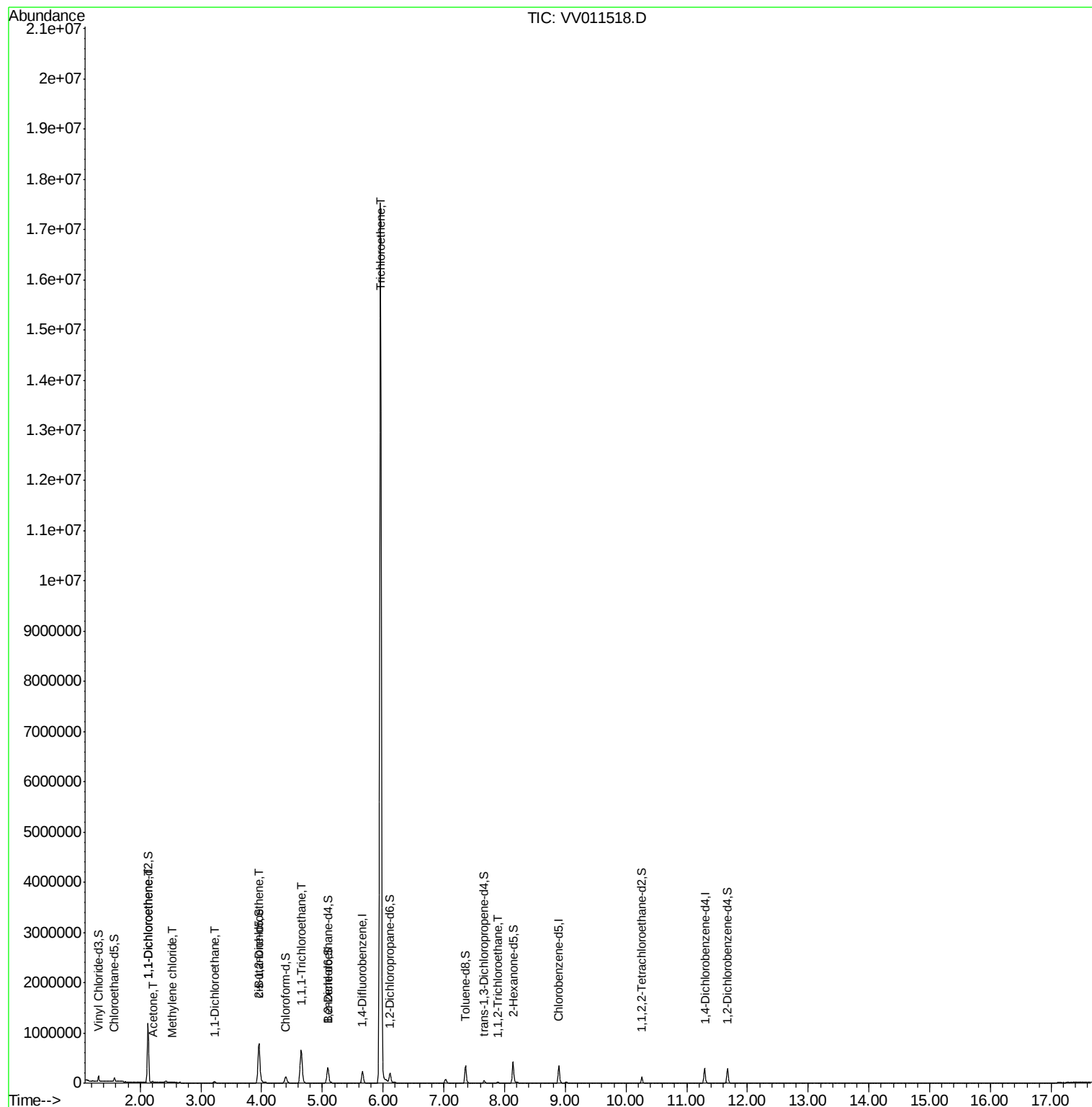
					Ovalue
12) 1,1-Dichloroethene	2.13	96	288540	25.359 ug/L	# 79
13) Acetone	2.21	43	5918	2.259 ug/L	99
16) Methylene chloride	2.53	84	1913	0.148 ug/L	86
19) 1,1-Dichloroethane	3.22	63	26703	1.003 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	356266	24.442 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	504078	24.079 ug/L	99
34) Trichloroethene	5.96	95	5913550	421.954 ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	4461	0.457 ug/L	94

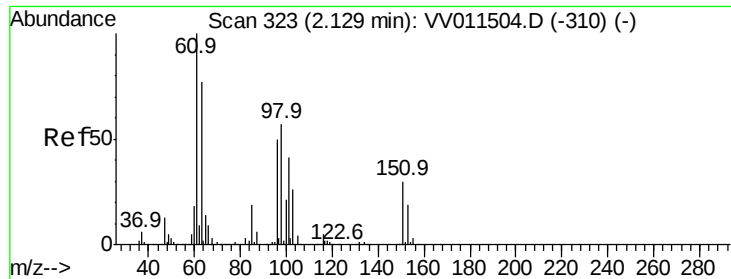
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 25.359 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV011518.D

Acq: 15 Jun 2019 04:15

Instrument :

MSVOA_V

ClientSampleId :

COM11

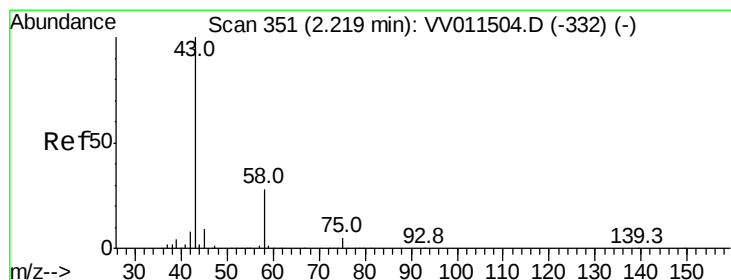
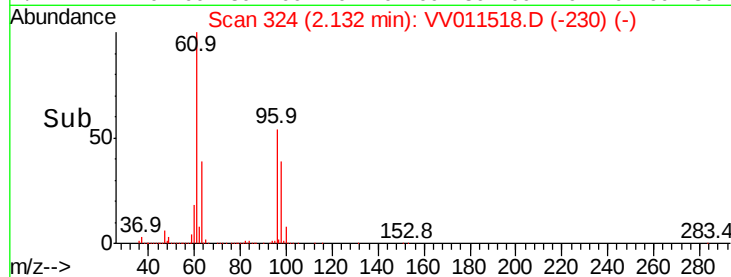
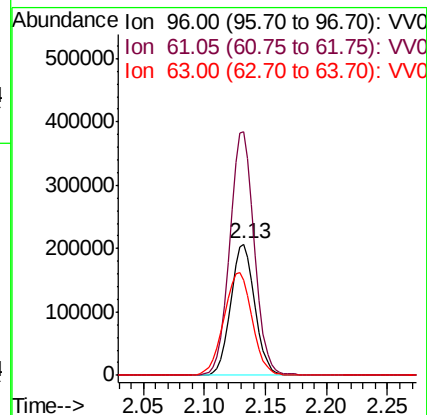
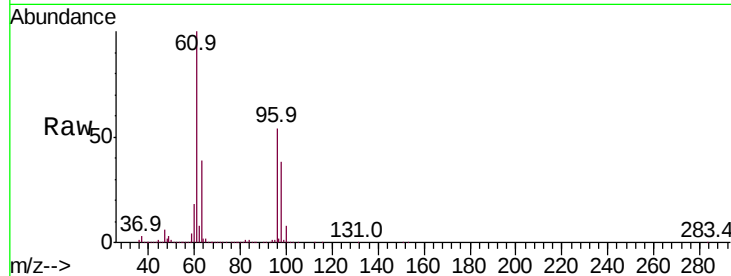
Tot Ion: 96 Resp: 288540

Ion Ratio Lower Upper

96 100

61 185.8 135.9 252.5

63 72.3 86.2 160.2#



#13

Acetone

Concen: 2.259 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV011518.D

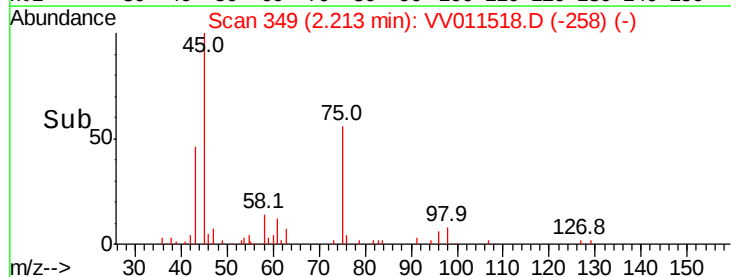
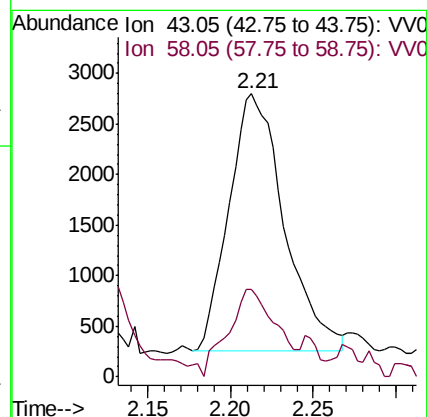
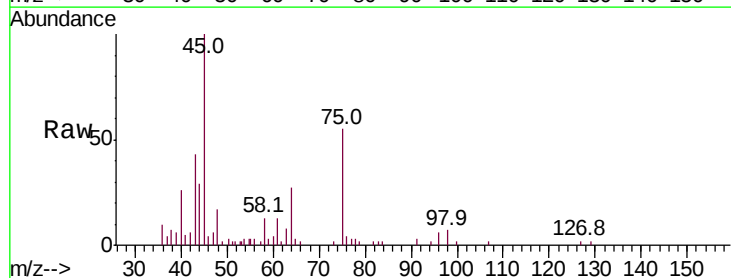
Acq: 15 Jun 2019 04:15

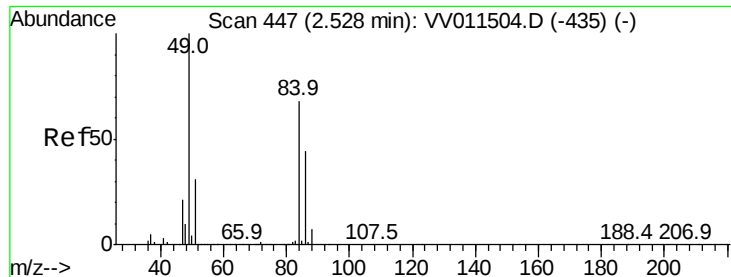
Tgt Ion: 43 Resp: 5918

Ion Ratio Lower Upper

43 100

58 29.4 0.0 57.8

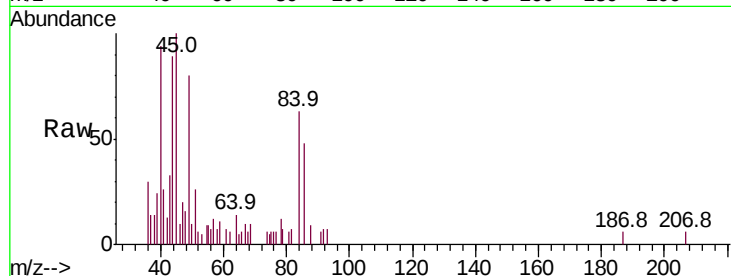




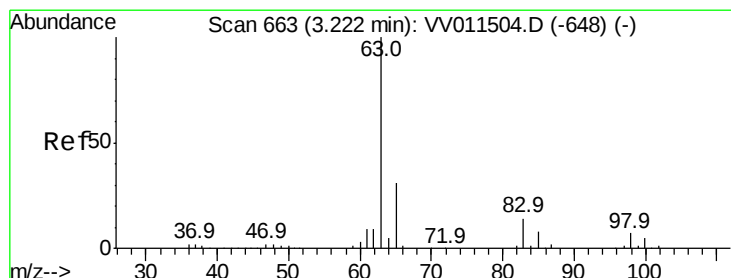
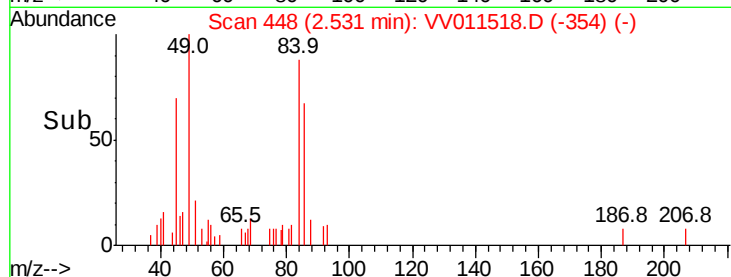
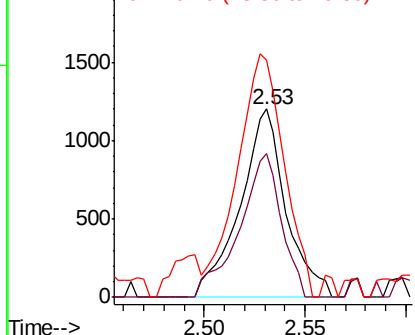
#16
Methvlene chloride
Concen: 0.148 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011518.D
Acq: 15 Jun 2019 04:15

Instrument :
MSVOA_V
ClientSampleId :
COM11

Tot Ion: 84 Resp: 1913
Ion Ratio Lower Upper
84 100
86 76.5 42.5 78.9
49 126.3 97.7 181.5

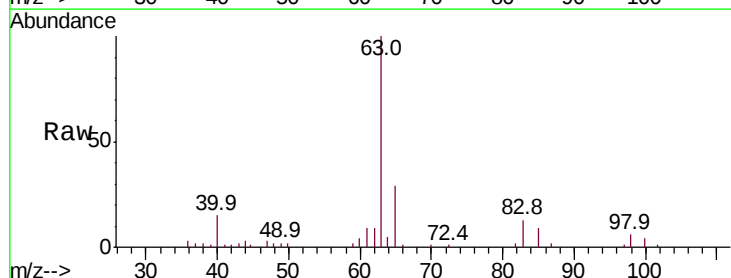


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

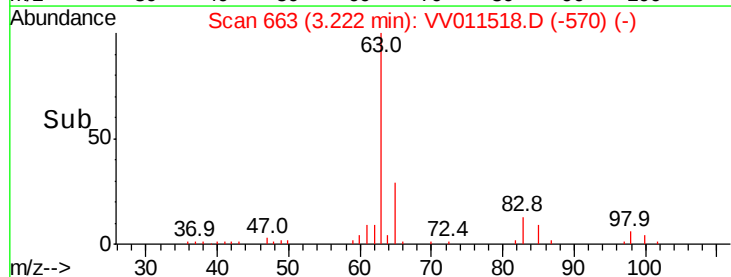
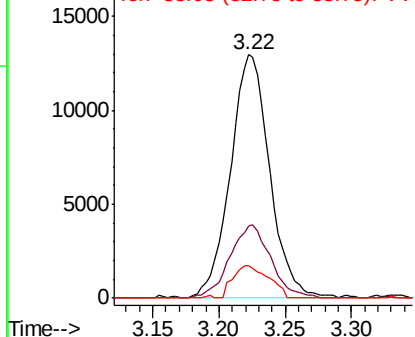


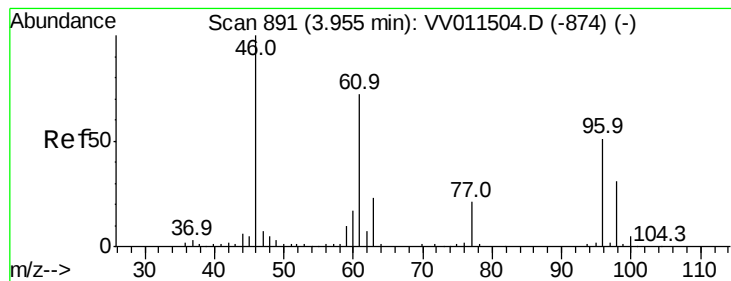
#19
1,1-Dichloroethane
Concen: 1.003 ug/L
RT: 3.22 min Scan# 663
Delta R.T. 0.00 min
Lab File: VV011518.D
Acq: 15 Jun 2019 04:15

Tgt Ion: 63 Resp: 26703
Ion Ratio Lower Upper
63 100
65 29.4 22.5 41.9
83 13.4 10.1 18.9



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



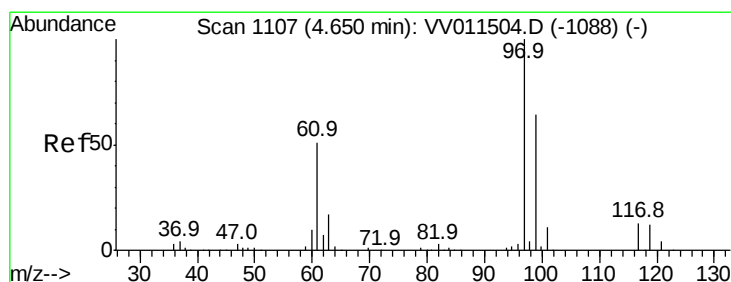
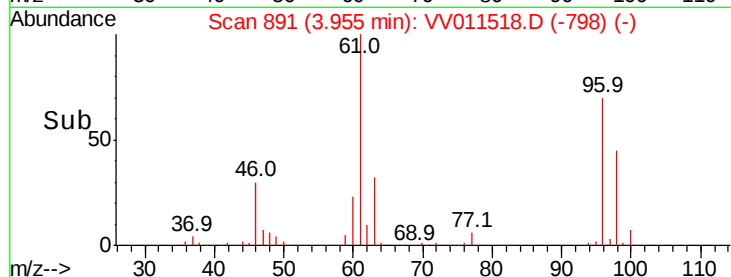
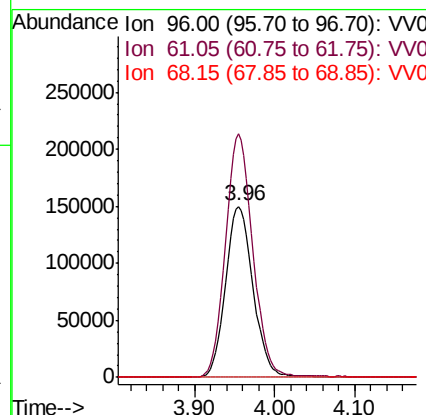
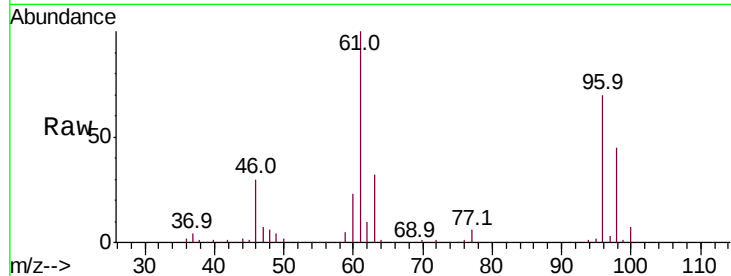


#22

cis-1,2-Dichloroethene
 Concen: 24.442 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: VV011518.D
 Acq: 15 Jun 2019 04:15

Instrument :
 MSVOA_V
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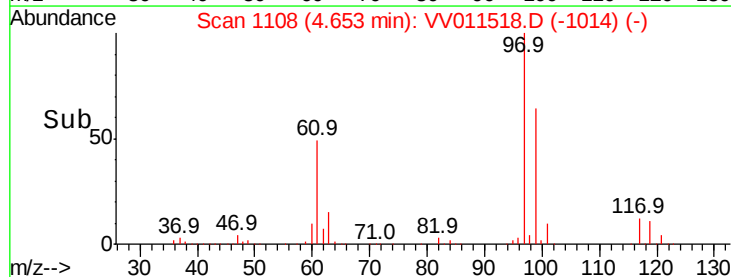
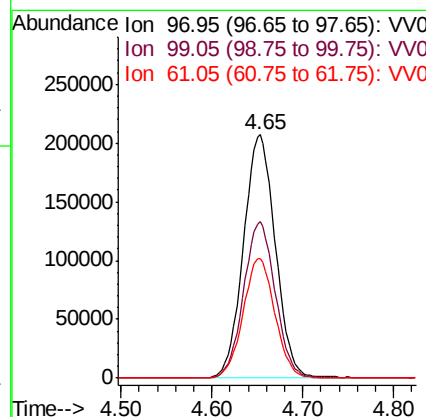
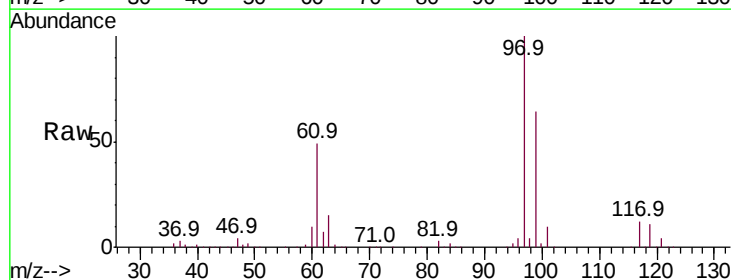
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	102.2	189.8
68	0.0	0.0	0.0

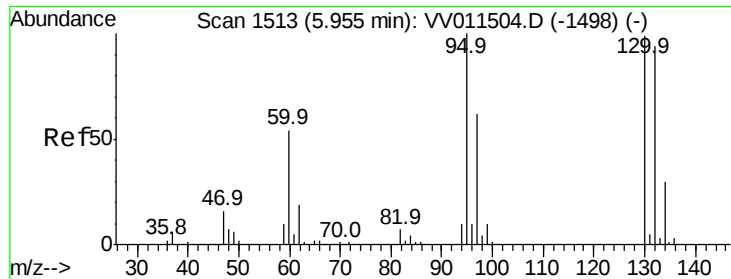


#29

1,1,1-Trichloroethane
 Concen: 24.079 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VV011518.D
 Acq: 15 Jun 2019 04:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	49.0	40.4	60.6



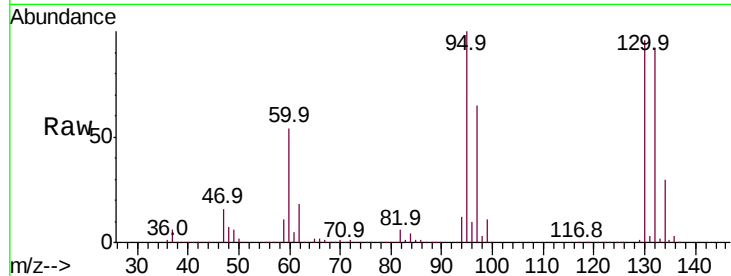


#34
 Trichloroethene
 Concen: 421.954 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV011518.D
 Acq: 15 Jun 2019 04:15

Instrument :
 MSVOA_V
 ClientSampleId :
 COM11

Tot Ion: 95 Resp: 5913550

Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.4	82.4
132	91.8	63.5	117.9
130	95.6	68.5	127.3



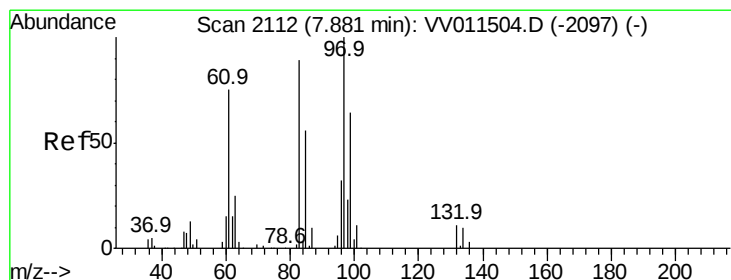
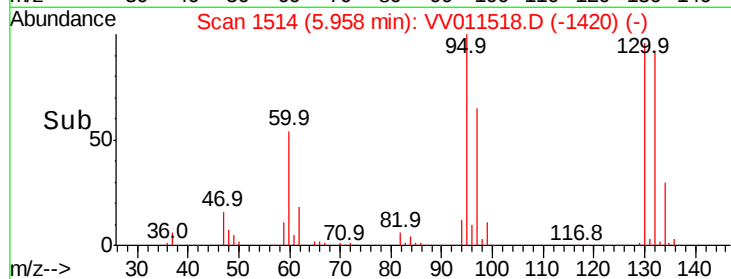
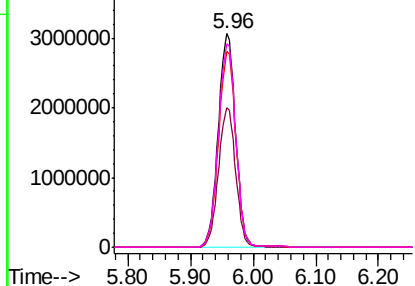
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#45
 1,1,2-Trichloroethane
 Concen: 0.457 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV011518.D
 Acq: 15 Jun 2019 04:15

Tgt Ion: 97 Resp: 4461

Ion	Ratio	Lower	Upper
97	100		
99	53.2	45.4	84.4
83	86.0	60.6	112.6
85	57.1	38.6	71.6

Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

