

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
 Data File : VV011922.D
 Acq On : 17 Jul 2019 19:51
 Operator : SY/MD
 Sample : K3823-12
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52M6

Quant Time: Jul 18 04:24:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 02:17:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	146851	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49388	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	41692	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.13	63	57022	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.95	46	118603	43.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.08%
24) Chloroform-d	4.40	84	88101	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.08	65	47764	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	5.10	84	184688	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.12	67	64573	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	166666	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.66	79	20162	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.13	63	80578	42.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35213	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	60530	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

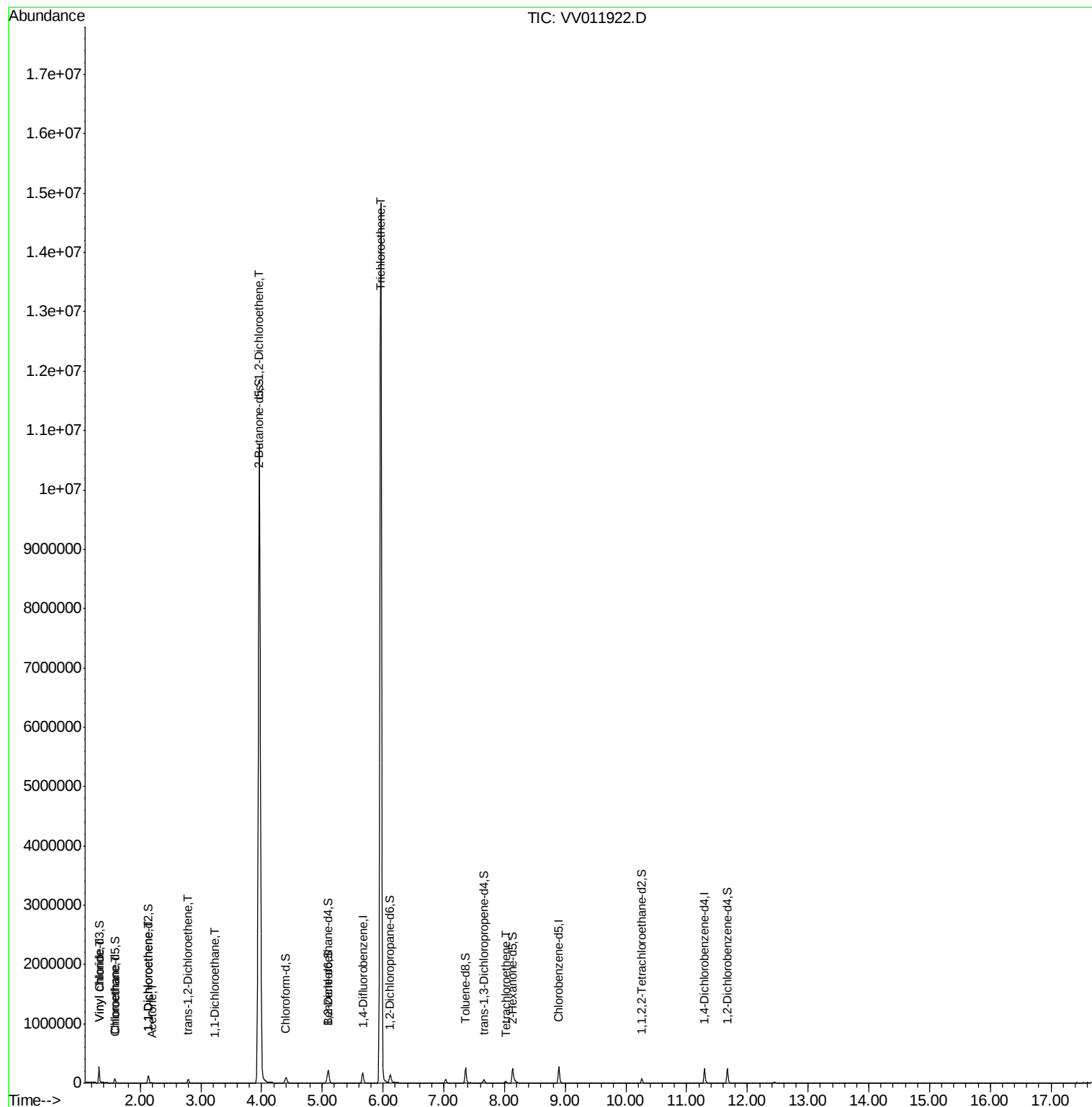
					Ovalue
5) Vinyl chloride	1.33	62	124718	8.895	ug/L 100
8) Chloroethane	1.60	64	1279	0.160	ug/L # 32
12) 1,1-Dichloroethene	2.14	96	12953	1.655	ug/L # 34
13) Acetone	2.19	43	6461	4.674	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	22532	2.048	ug/L 92
19) 1,1-Dichloroethane	3.23	63	8099	0.390	ug/L 91
22) cis-1,2-Dichloroethene	3.96	96	5977630	527.645	ug/L 97
34) Trichloroethene	5.96	95	5094744	408.031	ug/L 99
47) Tetrachloroethene	8.02	164	6341	0.690	ug/L 87

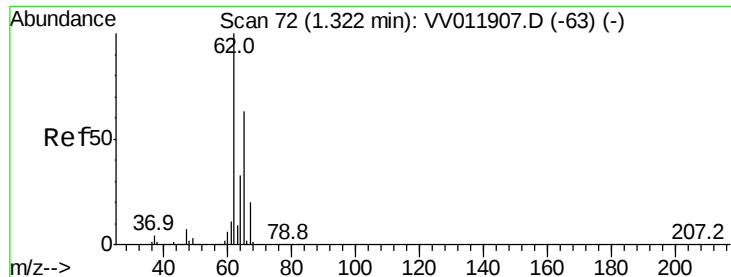
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.895 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV011922.D

Acq: 17 Jul 2019 19:51

Instrument :

MSVOA_V

ClientSampleId :

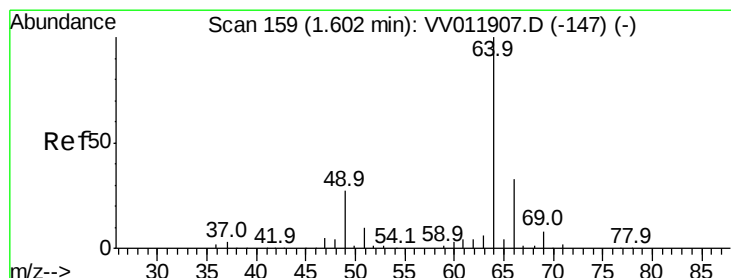
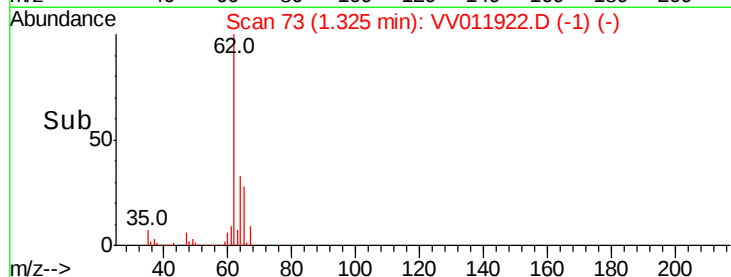
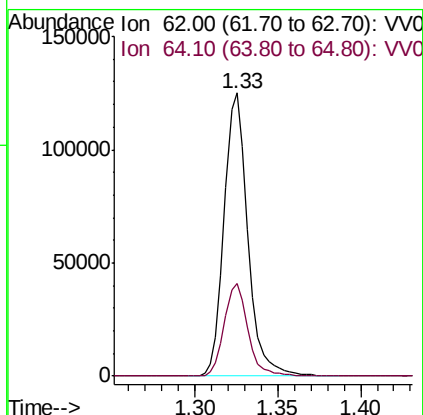
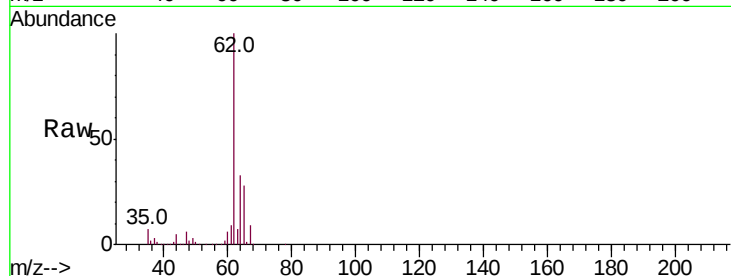
A52M6

Tot Ion: 62 Resp: 124718

Ion Ratio Lower Upper

62 100

64 32.6 22.9 42.5



#8

Chloroethane

Concen: 0.160 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV011922.D

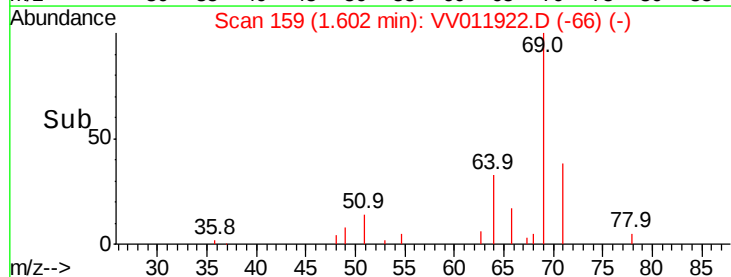
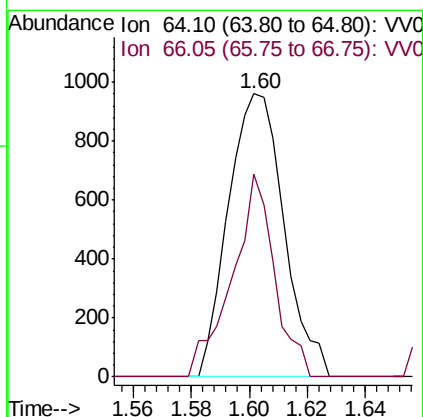
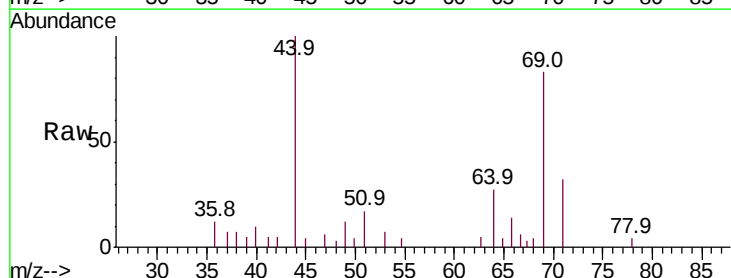
Acq: 17 Jul 2019 19:51

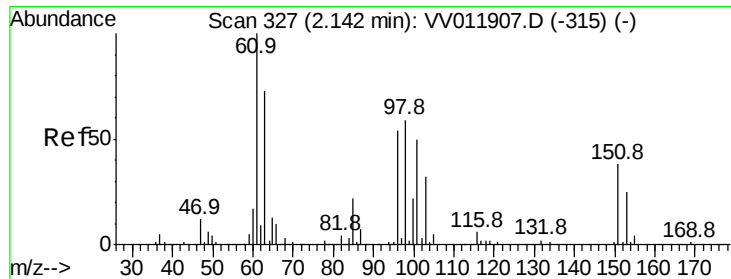
Tgt Ion: 64 Resp: 1279

Ion Ratio Lower Upper

64 100

66 71.8 23.2 43.2#

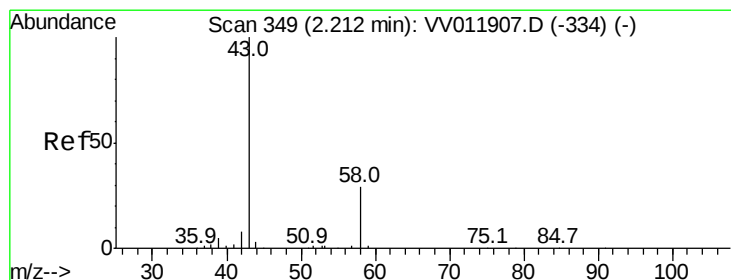
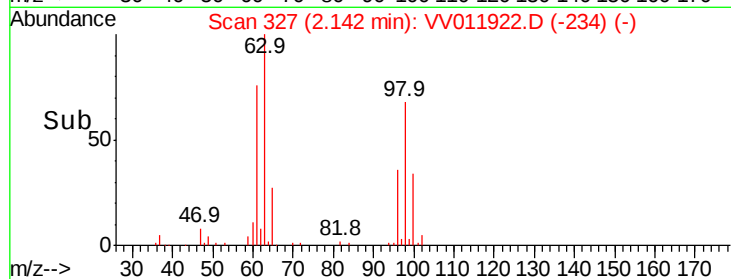
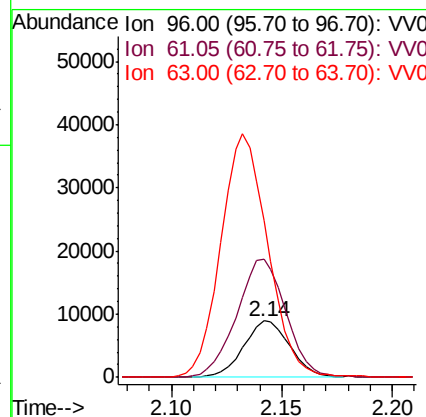
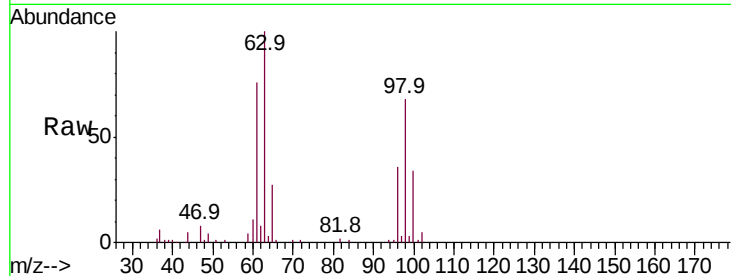




#12
 1,1-Dichloroethene
 Concen: 1.655 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VV011922.D
 Acq: 17 Jul 2019 19:51

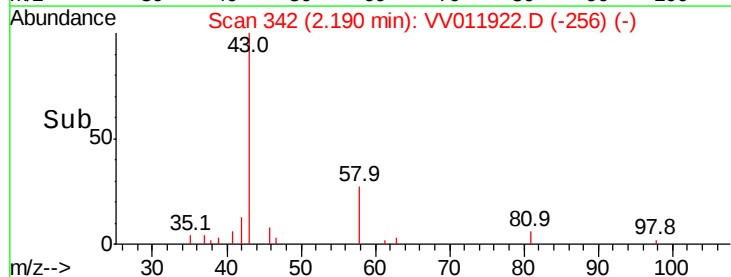
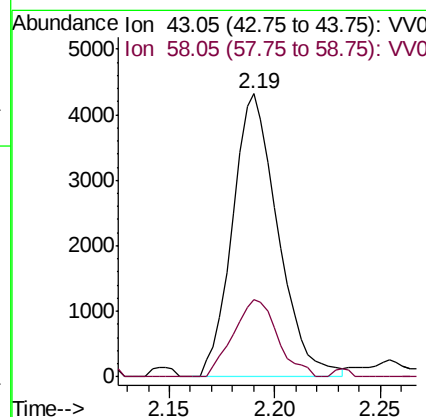
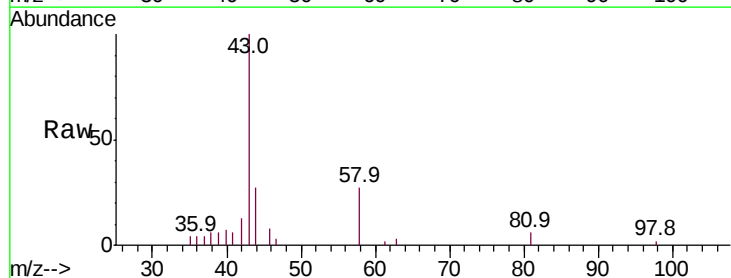
Instrument :
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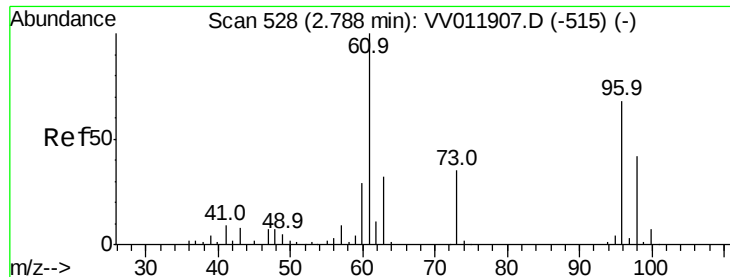
Tot Ion	Resp	Lower	Upper
96	100		
61	209.4	128.9	239.3
63	277.3	85.5	158.9#



#13
 Acetone
 Concen: 4.674 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.02 min
 Lab File: VV011922.D
 Acq: 17 Jul 2019 19:51

Tgt Ion	Resp	Lower	Upper
43	100		
58	26.5	0.0	55.6

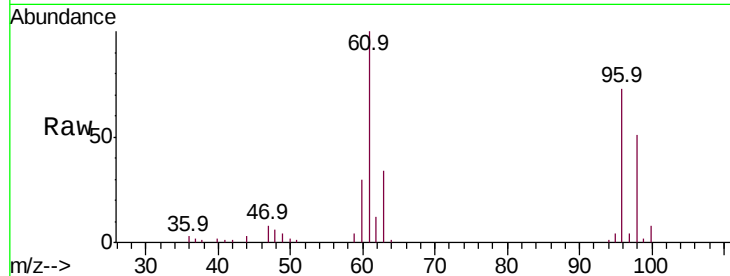




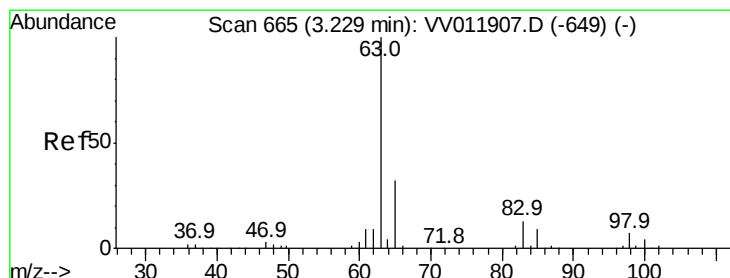
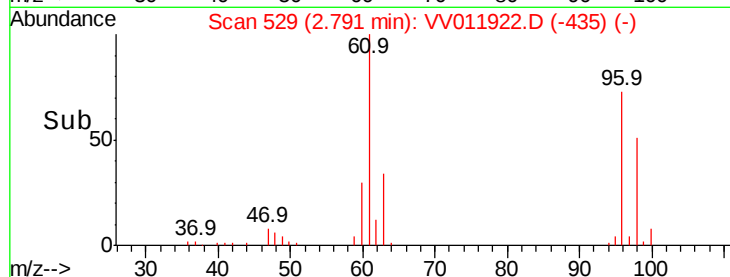
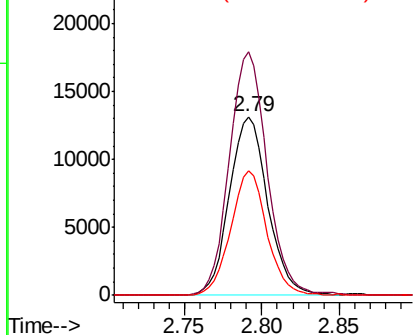
#18
trans-1,2-Dichloroethene
Concen: 2.048 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV011922.D
Acq: 17 Jul 2019 19:51

Instrument :
MSVOA_V
ClientSampleId :
A52M6

Tot Ion: 96 Resp: 22532
Ion Ratio Lower Upper
96 100
61 136.5 102.2 189.8
98 70.1 44.4 82.5

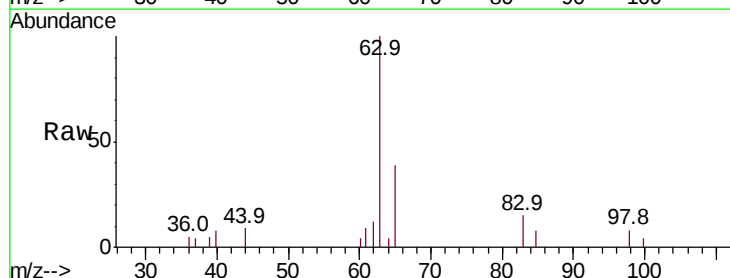


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

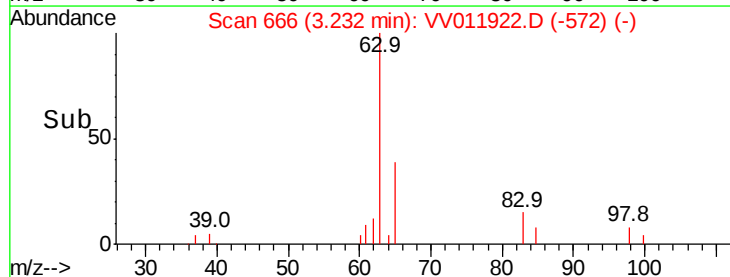
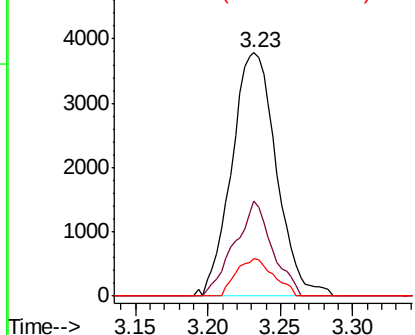


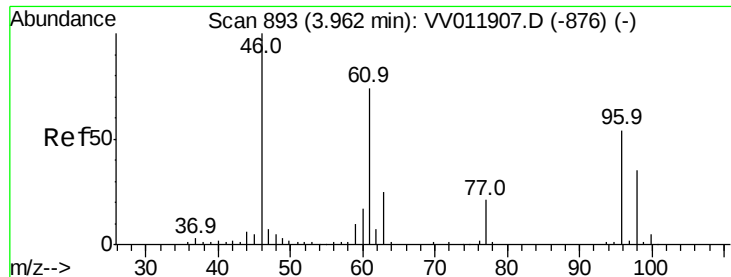
#19
1,1-Dichloroethane
Concen: 0.390 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV011922.D
Acq: 17 Jul 2019 19:51

Tgt Ion: 63 Resp: 8099
Ion Ratio Lower Upper
63 100
65 38.8 22.7 42.3
83 15.2 9.4 17.6



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



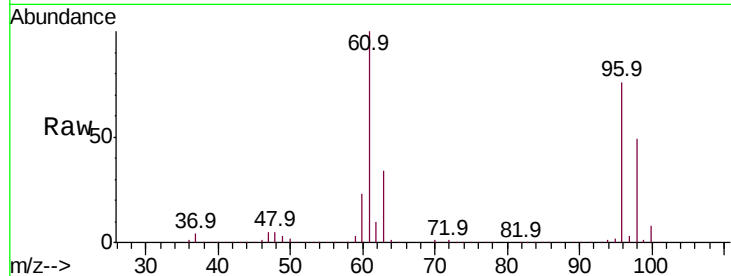


#22

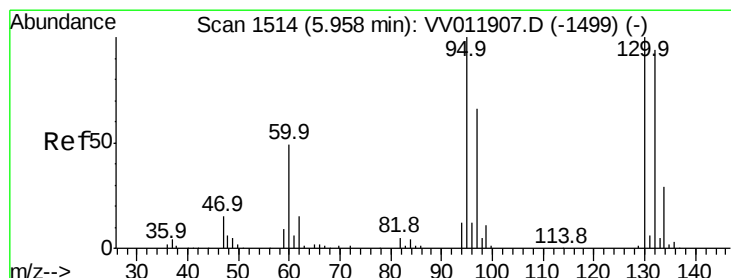
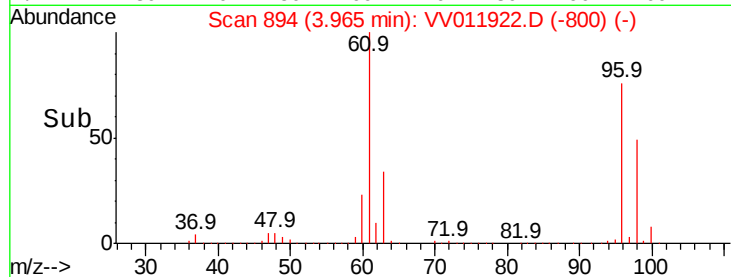
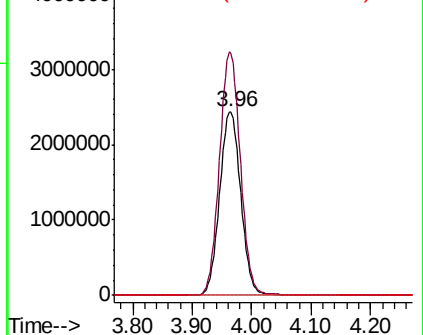
cis-1,2-Dichloroethene
Concen: 527.645 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV011922.D
Acq: 17 Jul 2019 19:51

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Tot Ion: 96 Resp: 5977630
Ion Ratio Lower Upper
96 100
61 131.9 95.2 176.8
68 0.0 0.0 0.0



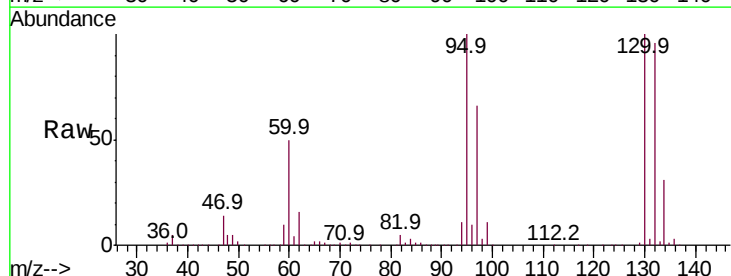
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



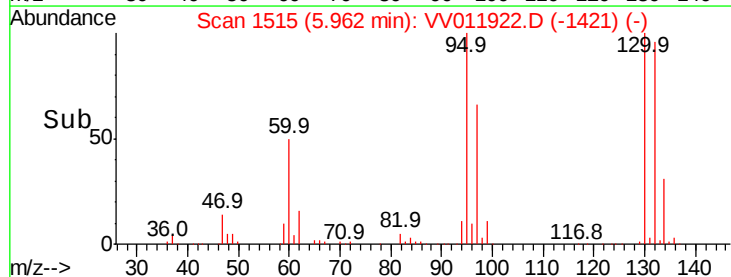
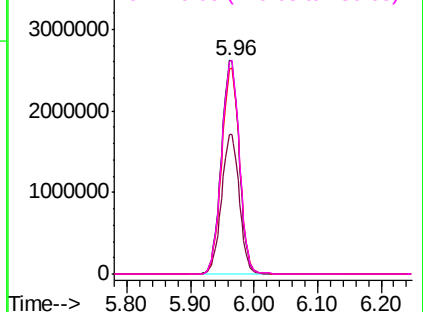
#34

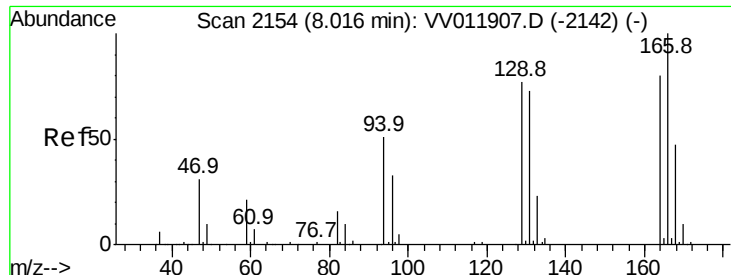
Trichloroethene
Concen: 408.031 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV011922.D
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Tgt Ion: 95 Resp: 5094744
Ion Ratio Lower Upper
95 100
97 65.5 44.0 81.6
132 95.8 67.0 124.4
130 99.6 69.1 128.3



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





#47

Tetrachloroethene

Concen: 0.690 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV011922.D

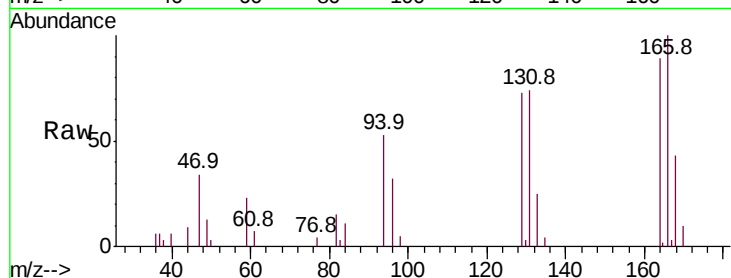
Acq: 17 Jul 2019 19:51

Instrument :

MSVOA_V

ClientSampleId :

A52M6



Tot Ion:164 Resp: 6341

Ion Ratio Lower Upper

164 100

129 82.8 68.6 127.4

131 83.7 64.6 120.0

166 112.8 89.7 166.7

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

