

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
 Data File : VV011978.D
 Acq On : 23 Jul 2019 21:16
 Operator : SY/MD
 Sample : K3823-19
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52J8

Quant Time: Jul 24 07:45:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 24 05:52:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	134098	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	128049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65469	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35124	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.59	69	28964	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.13	63	58980	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.94	46	99880	49.03	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.06%
24) Chloroform-d	4.40	84	87136	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	48740	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.10	84	184616	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.12	67	52834	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	167663	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.67	79	19513	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.13	63	81016	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35485	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	68164	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

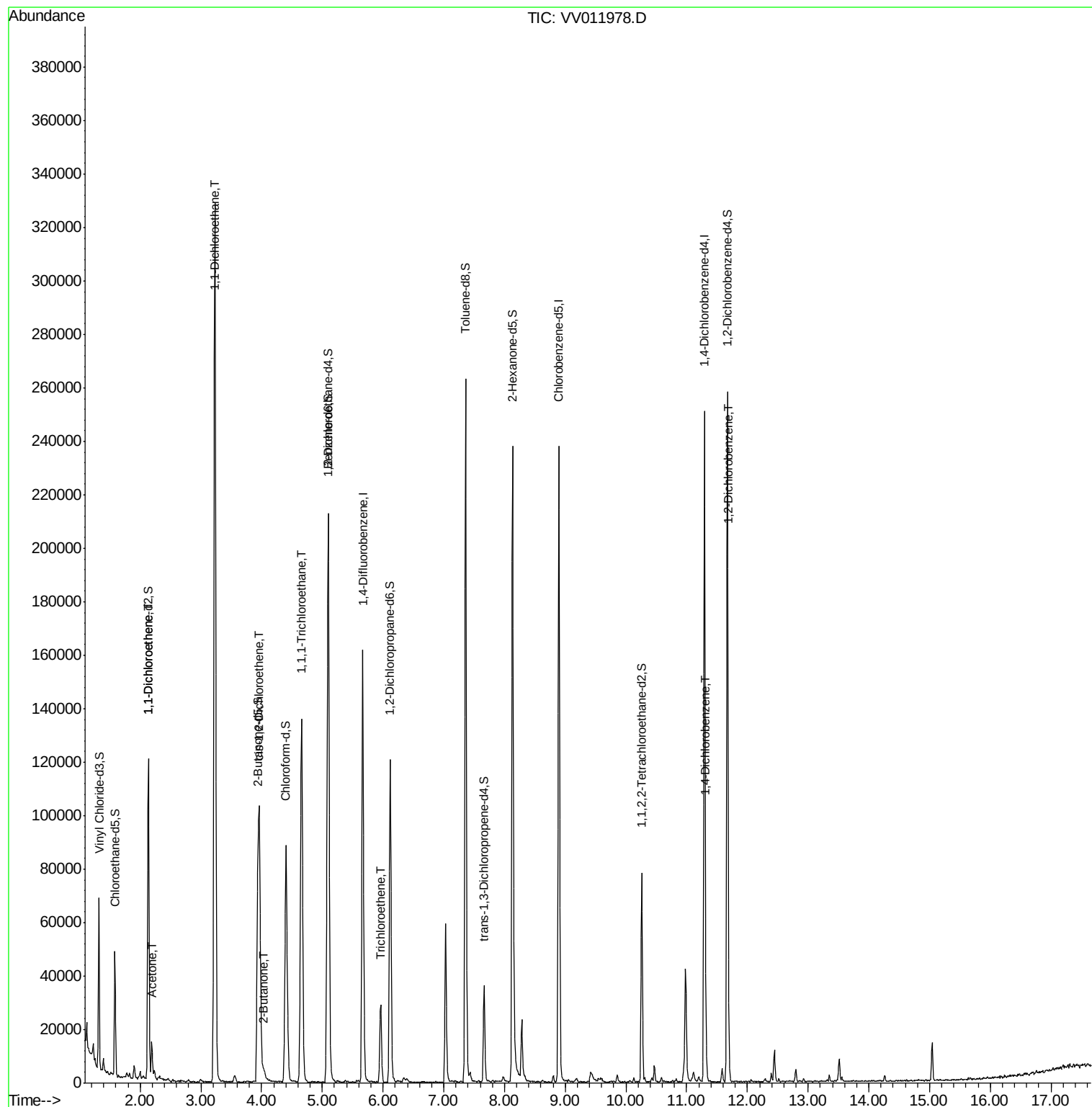
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	6825	1.118	ug/L	# 2
13) Acetone	2.19	43	12577	11.453	ug/L	99
19) 1,1-Dichloroethane	3.23	63	323640	19.279	ug/L	98
21) 2-Butanone	4.04	43	4143	1.967	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	42781	4.188	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	105925	6.463	ug/L	98
34) Trichloroethene	5.96	95	8943	0.855	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	2793	0.127	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	4370	0.222	ug/L	95

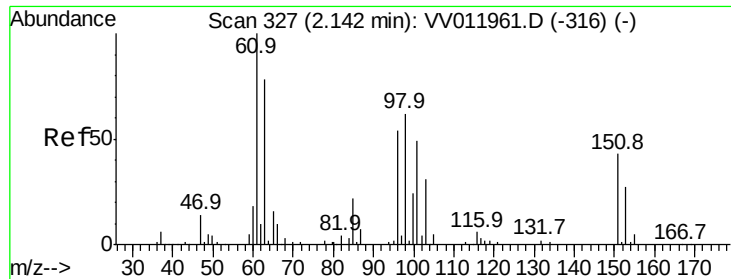
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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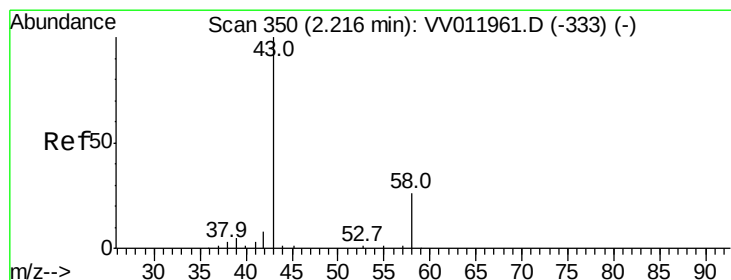
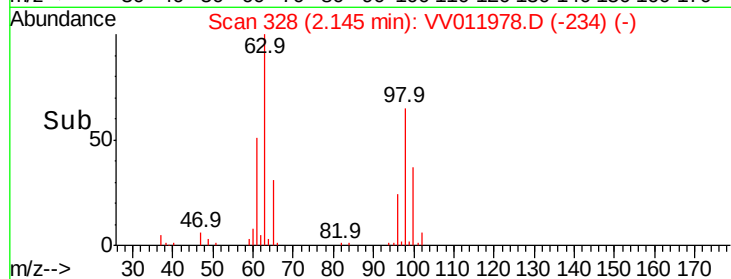
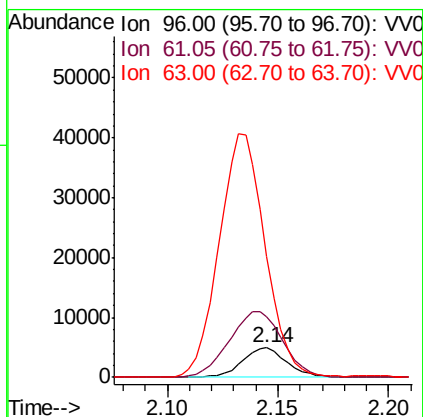
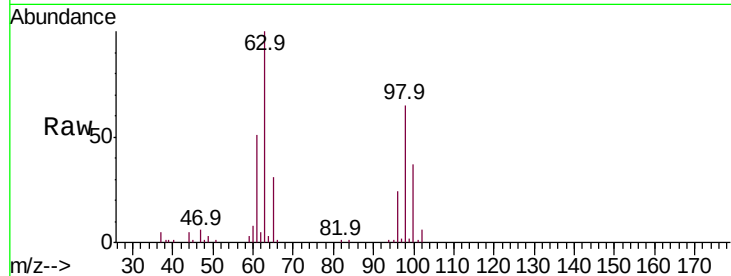




#12
 1,1-Dichloroethene
 Concen: 1.118 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV011978.D
 Acq: 23 Jul 2019 21:16

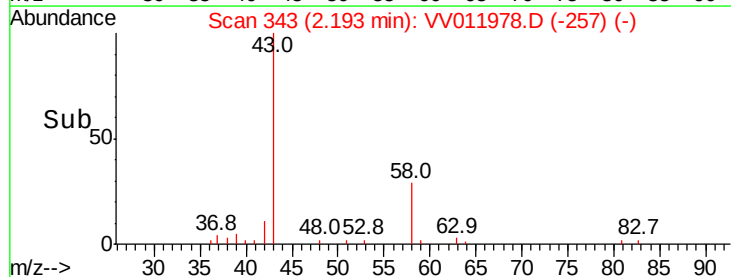
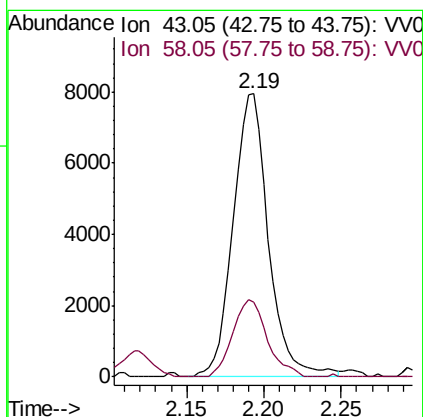
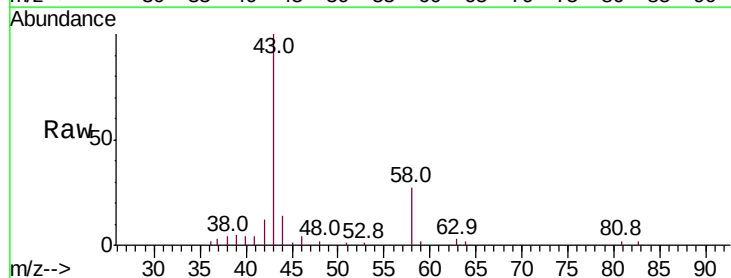
Instrument :
 MSVOA_V
 ClientSampleId :
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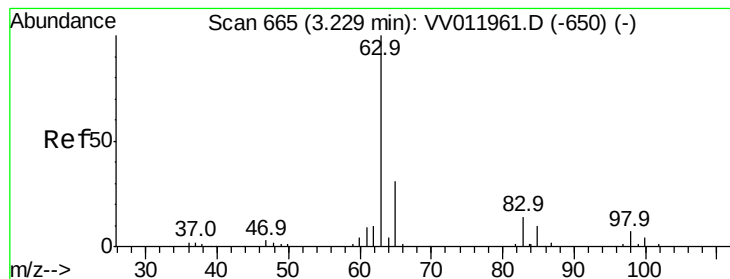
Tot Ion	Ratio	Lower	Upper
96	100		
61	207.9	132.7	246.5
63	410.9	104.0	193.1#



#13
 Acetone
 Concen: 11.453 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. -0.02 min
 Lab File: VV011978.D
 Acq: 23 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	51.8





#19

1,1-Dichloroethane

Concen: 19.279 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV011978.D

Acq: 23 Jul 2019 21:16

Instrument :

MSVOA_V

ClientSampleId :

A52J8

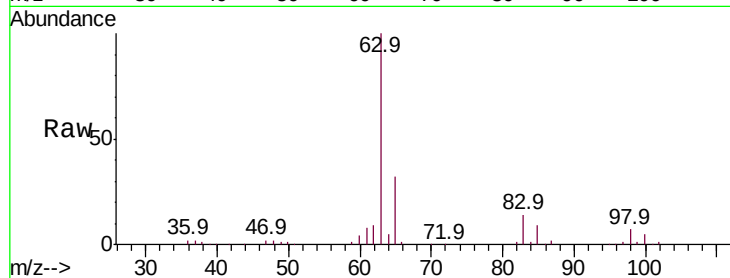
Tot Ion: 63 Resp: 323640

Ion Ratio Lower Upper

63 100

65 31.8 23.5 43.7

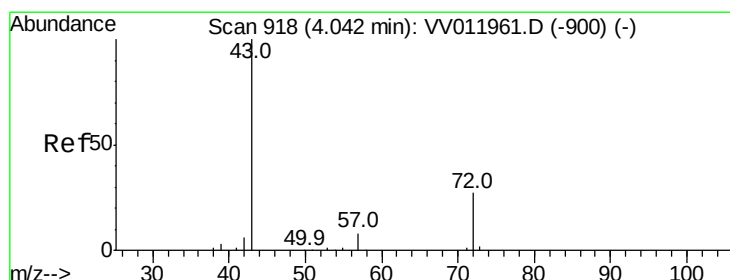
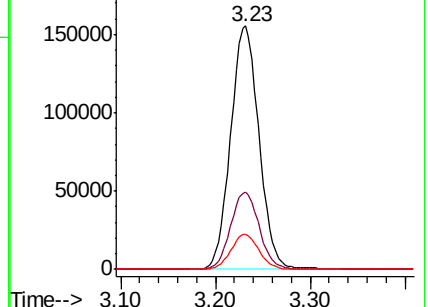
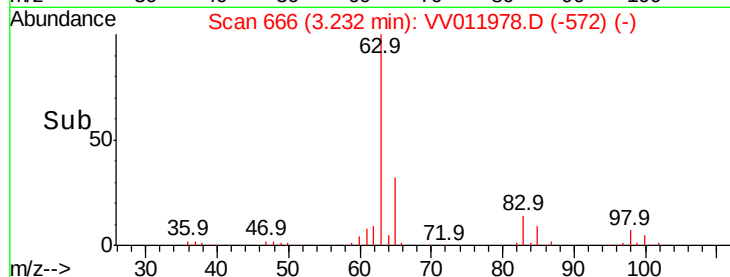
83 14.2 9.7 18.1



Abundance Ion 63.10 (62.80 to 63.80): VV011978.D (-650) (-)

Ion 65.10 (64.80 to 65.80): VV011978.D (-650) (-)

Ion 83.05 (82.75 to 83.75): VV011978.D (-650) (-)



#21

2-Butanone

Concen: 1.967 ug/L

RT: 4.04 min Scan# 916

Delta R.T. -0.01 min

Lab File: VV011978.D

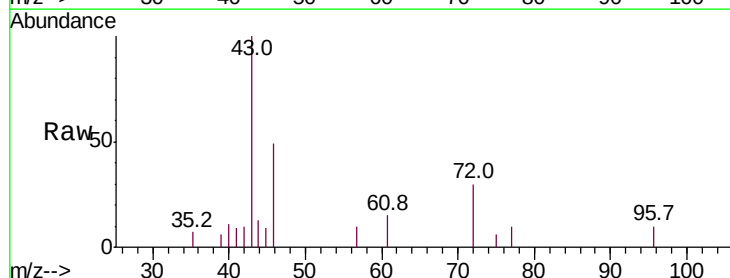
Acq: 23 Jul 2019 21:16

Tgt Ion: 43 Resp: 4143

Ion Ratio Lower Upper

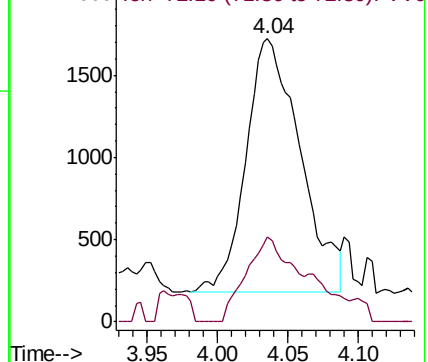
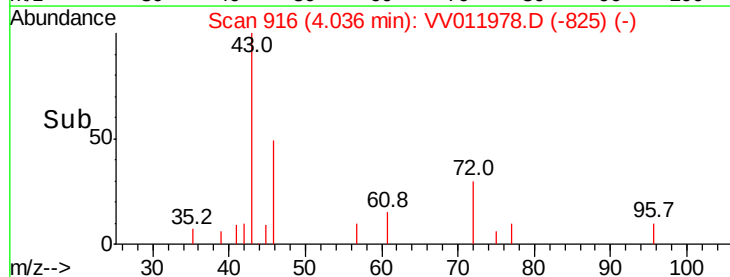
43 100

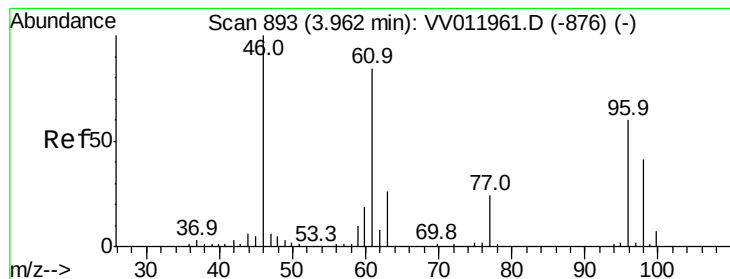
72 28.1 13.6 40.8



Abundance Ion 43.05 (42.75 to 43.75): VV011978.D (-825) (-)

Ion 72.10 (71.80 to 72.80): VV011978.D (-825) (-)



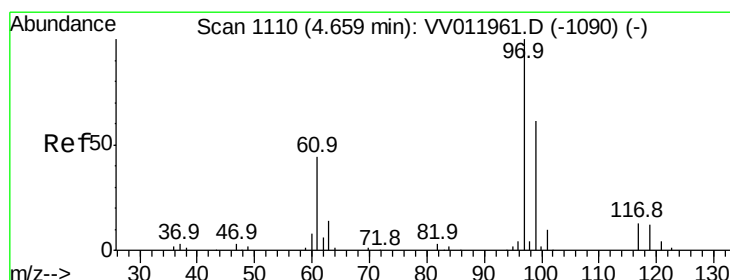
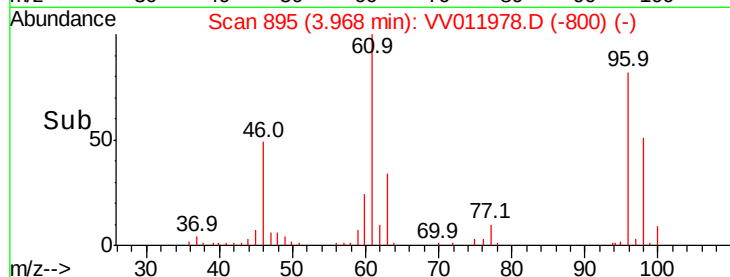
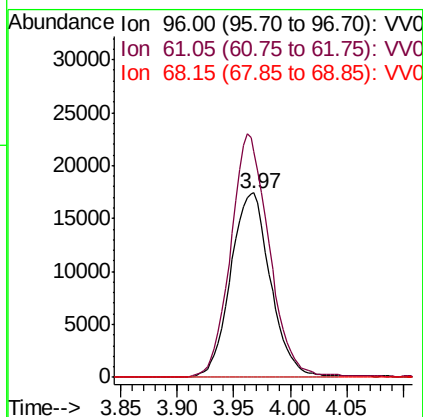
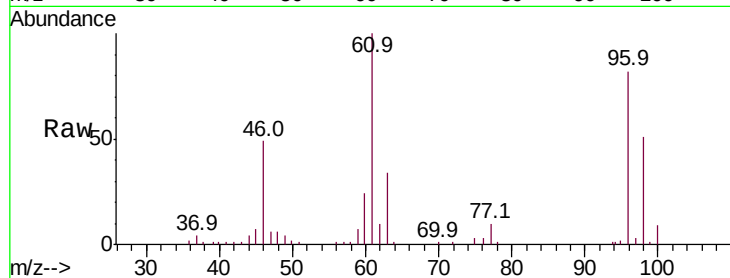


#22

cis-1,2-Dichloroethene
Concen: 4.188 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV011978.D
Acq: 23 Jul 2019 21:16

Instrument :
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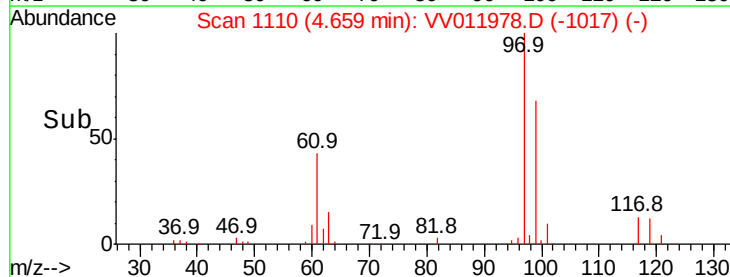
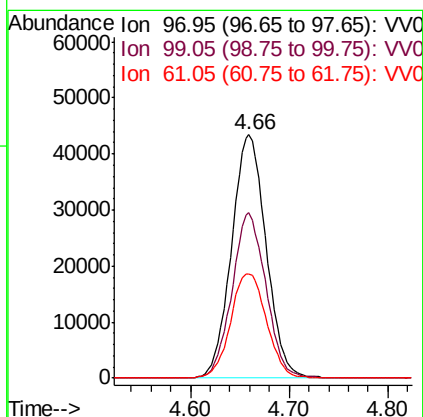
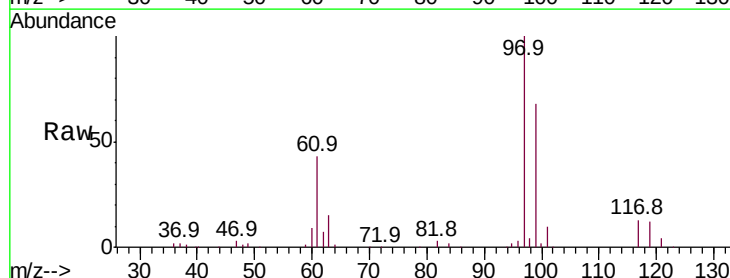
Tot Ion: 96 Resp: 42781
Ion Ratio Lower Upper
96 100
61 122.4 89.0 165.2
68 0.0 0.0 0.0

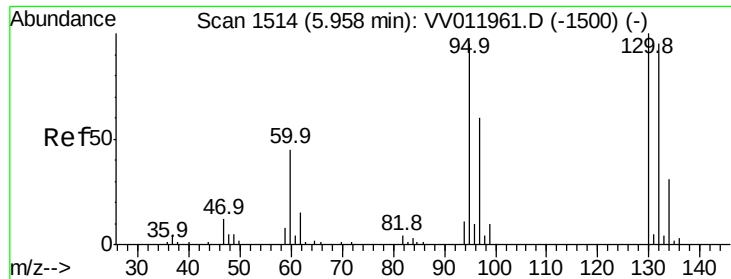


#29

1,1,1-Trichloroethane
Concen: 6.463 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VV011978.D
Acq: 23 Jul 2019 21:16

Tgt Ion: 97 Resp: 105925
Ion Ratio Lower Upper
97 100
99 66.5 51.7 77.5
61 44.8 35.1 52.7





#34

Trichloroethene

Concen: 0.855 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV011978.D

Acq: 23 Jul 2019 21:16

Instrument :

MSVOA_V

ClientSampleId :

A52J8

Tot Ion: 95 Resp: 8943

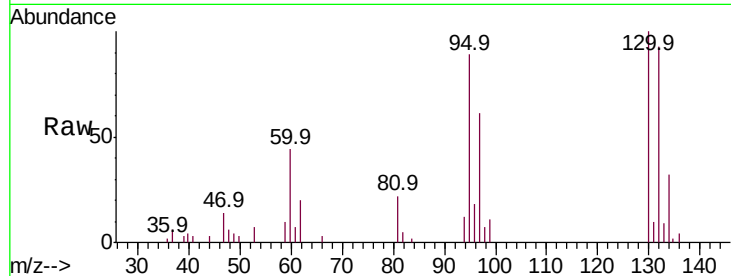
Ion Ratio Lower Upper

95 100

97 68.8 45.6 84.6

132 104.4 71.3 132.3

130 112.3 72.8 135.2

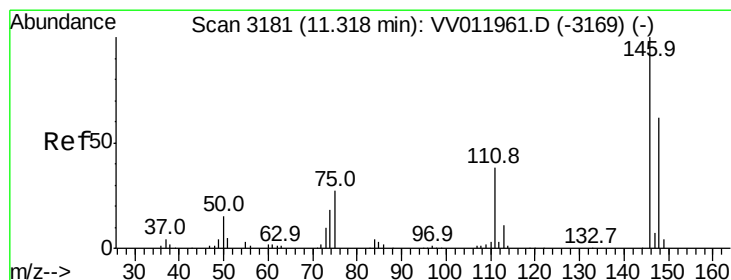
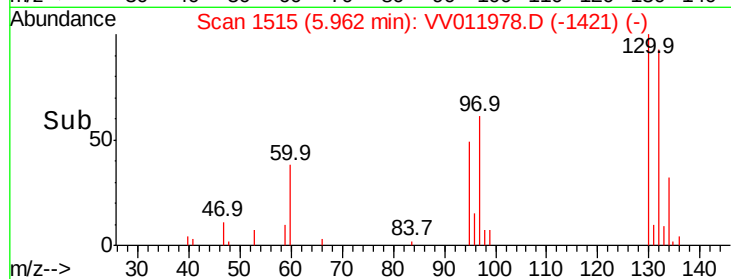
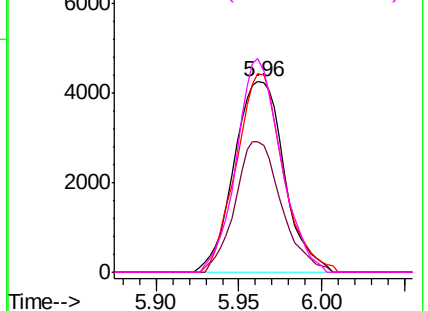


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#63

1,4-Dichlorobenzene

Concen: 0.127 ug/L

RT: 11.32 min Scan# 3181

Delta R.T. -0.00 min

Lab File: VV011978.D

Acq: 23 Jul 2019 21:16

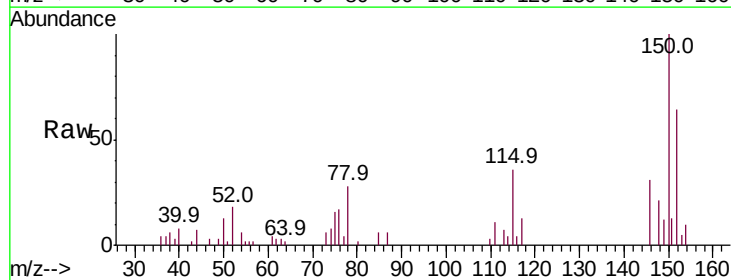
Tgt Ion: 146 Resp: 2793

Ion Ratio Lower Upper

146 100

111 36.6 26.0 48.2

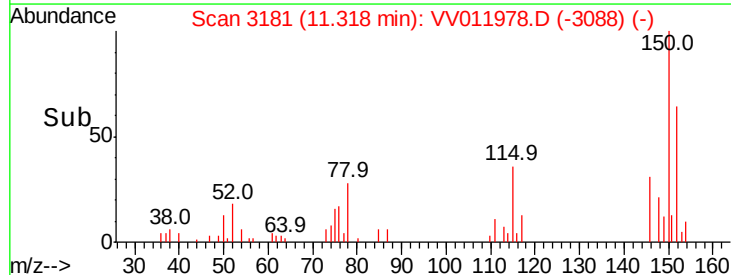
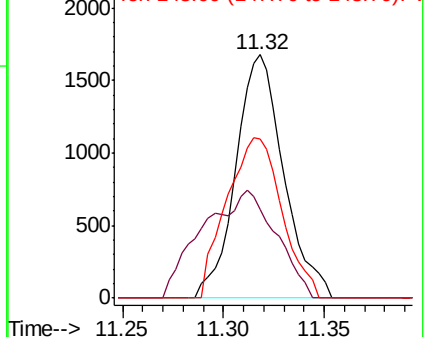
148 65.5 43.0 80.0

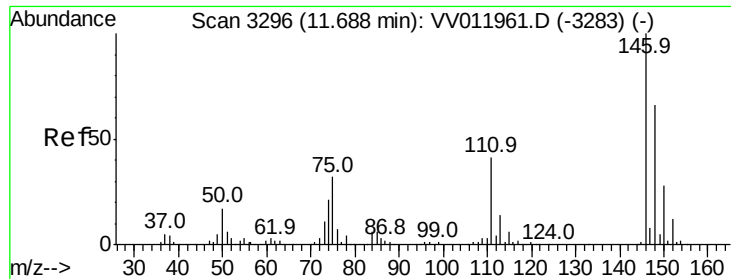


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.222 ug/L

RT: 11.69 min Scan# 3296

Delta R.T. -0.00 min

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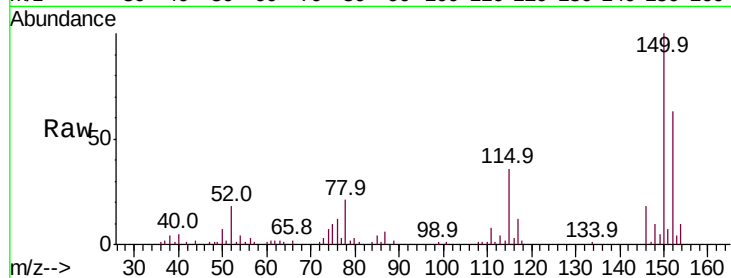
Tot Ion:146 Resp: 4370

Ion Ratio Lower Upper

146 100

111 42.4 32.5 48.7

148 59.1 51.4 77.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

