

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
 Data File : VV011920.D
 Acq On : 17 Jul 2019 19:02
 Operator : SY/MD
 Sample : K3823-10
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52L4

Quant Time: Jul 18 04:13:57 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	154269	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149226	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64868	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54280	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.59	69	44107	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	56571	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.94	46	153785	53.74	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.48%
24) Chloroform-d	4.40	84	109242	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.08	65	57301	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	216358	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.12	67	67484	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	183617	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.67	79	21606	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.13	63	92012	46.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39314	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	68155	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

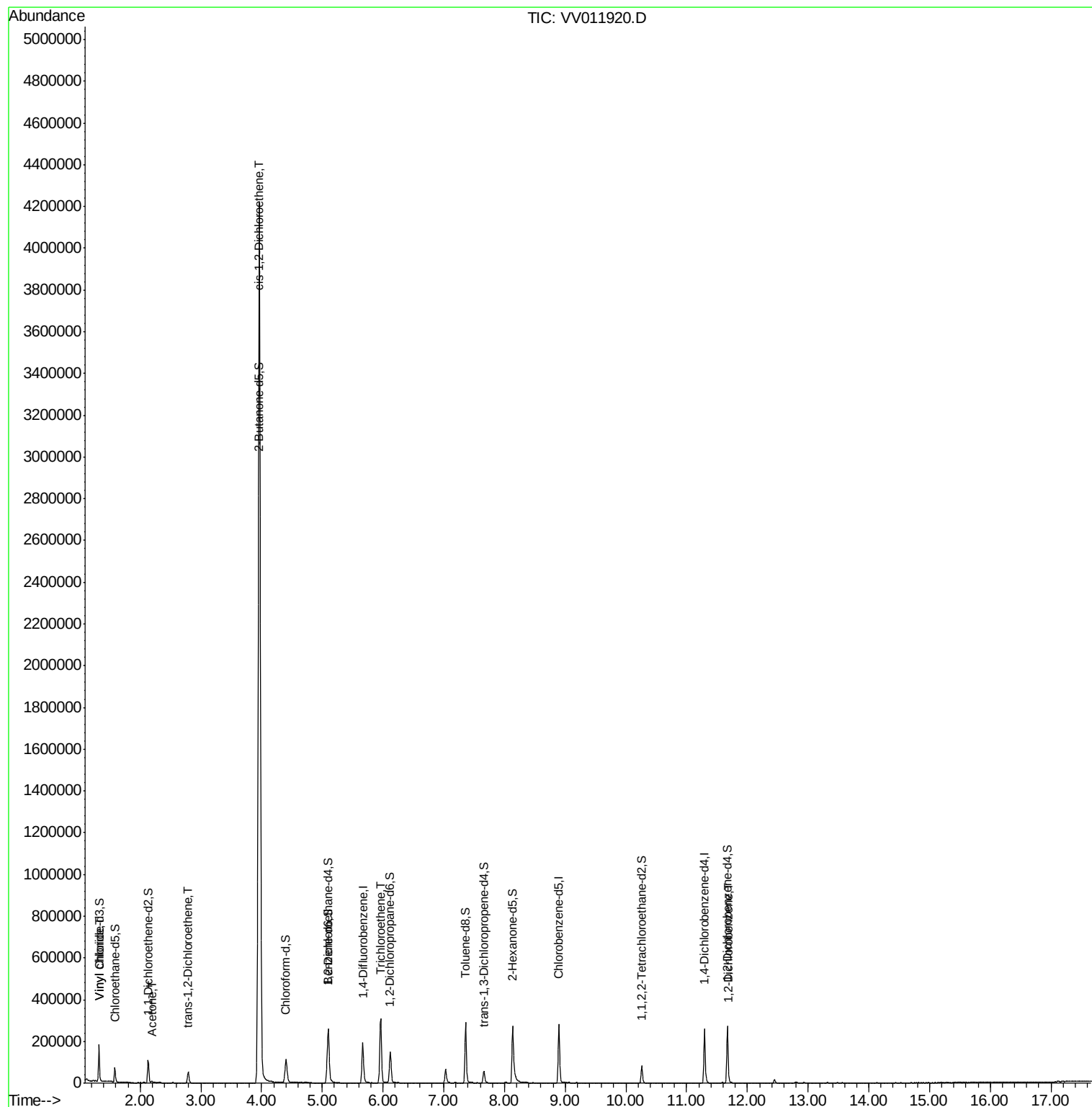
					Ovalue
5) Vinyl chloride	1.32	62	60445	4.104	ug/L 98
13) Acetone	2.19	43	7329	5.047	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	19186	1.660	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	2245673	188.694	ug/L # 99
34) Trichloroethene	5.96	95	103331	7.963	ug/L 99
65) 1,2-Dichlorobenzene	11.69	146	2866	0.147	ug/L 97

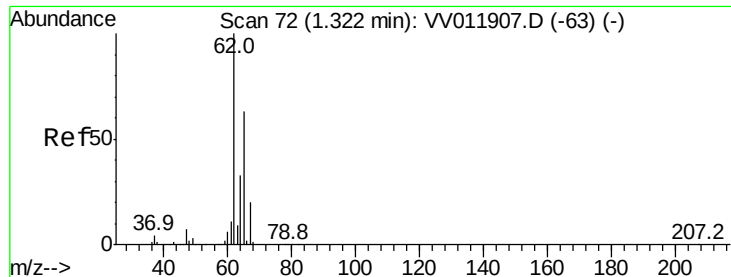
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 18 02:17:52 2019
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#5

Vinyl chloride

Concen: 4.104 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

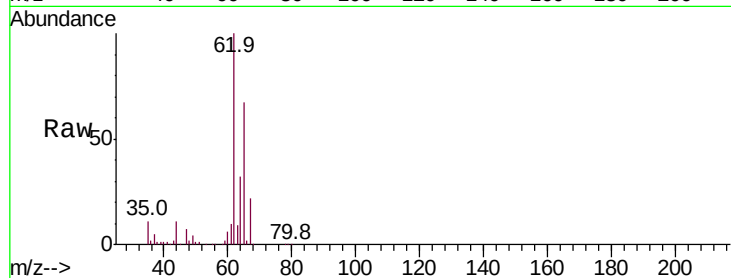
A52L4

Tot Ion: 62 Resp: 60445

Ion Ratio Lower Upper

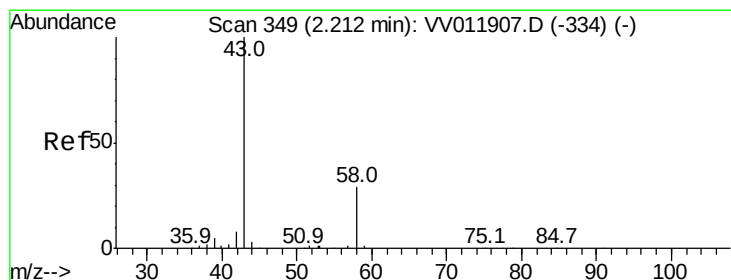
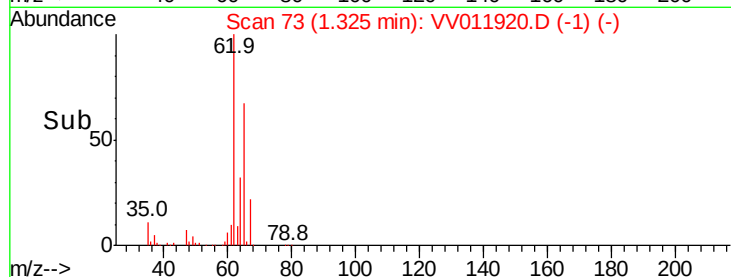
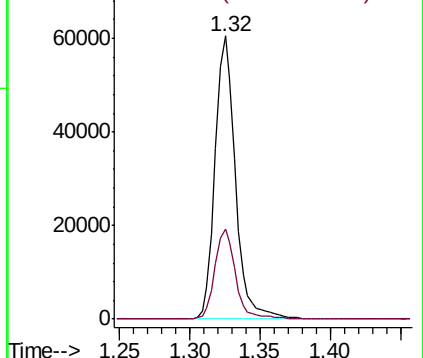
62 100

64 31.7 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#13

Acetone

Concen: 5.047 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV011920.D

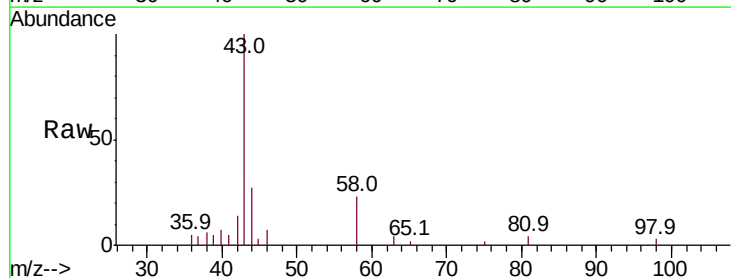
Acq: 17 Jul 2019 19:02

Tgt Ion: 43 Resp: 7329

Ion Ratio Lower Upper

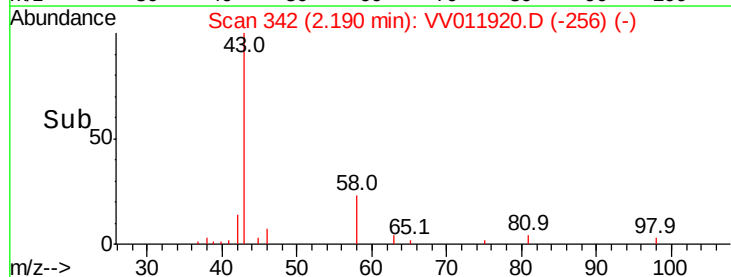
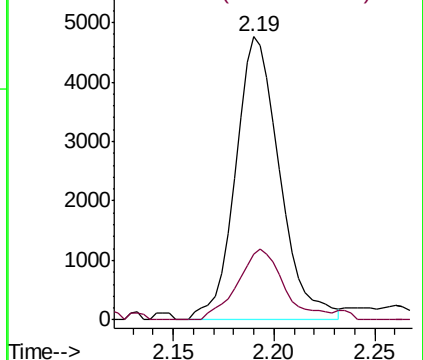
43 100

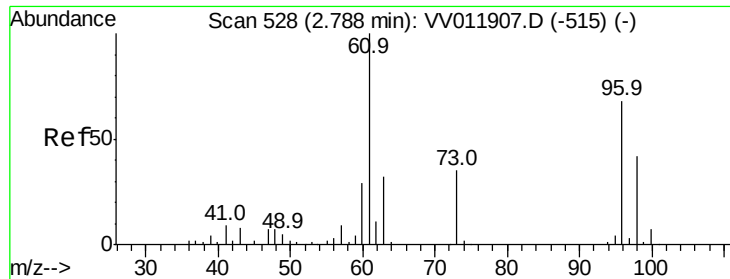
58 26.4 0.0 55.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

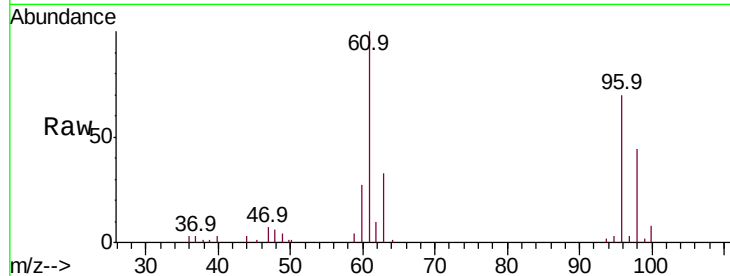




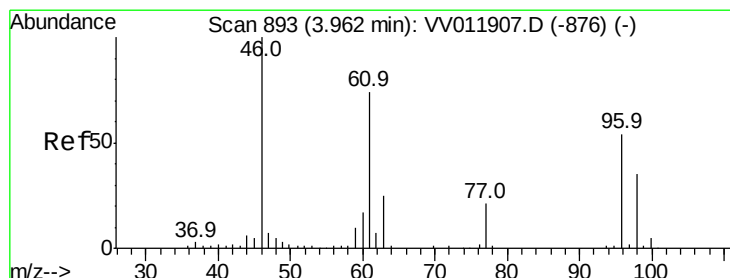
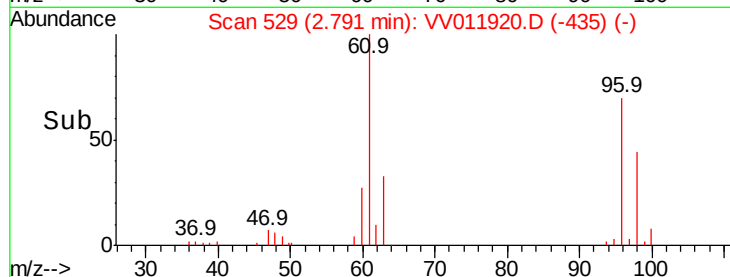
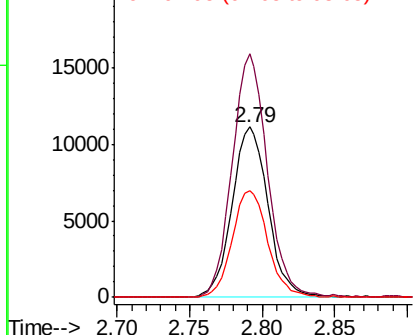
#18
trans-1,2-Dichloroethene
Concen: 1.660 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV011920.D
Acq: 17 Jul 2019 19:02

Instrument :
MSVOA_V
ClientSampleId :
A52L4

Tot Ion: 96 Resp: 19186
Ion Ratio Lower Upper
96 100
61 143.2 102.2 189.8
98 63.1 44.4 82.5

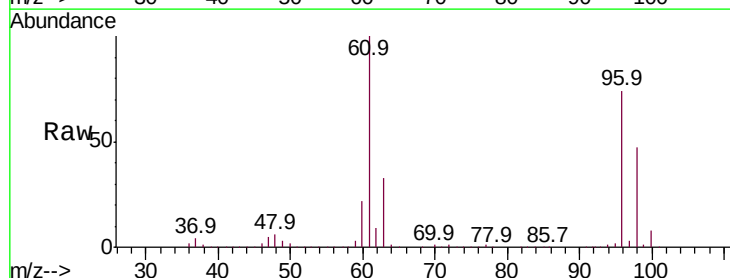


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

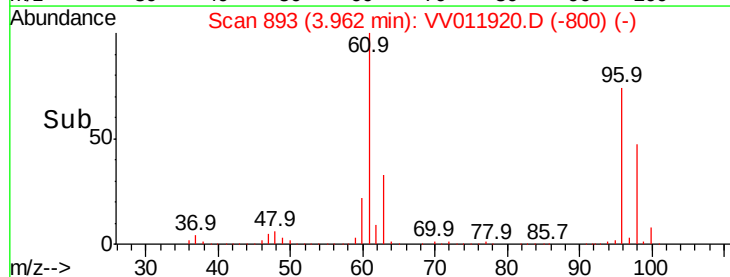
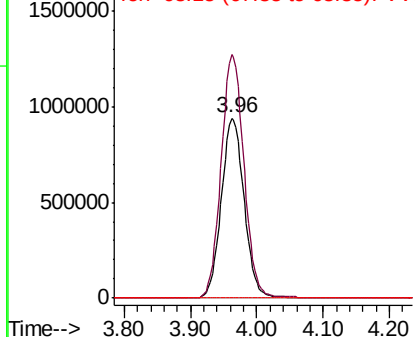


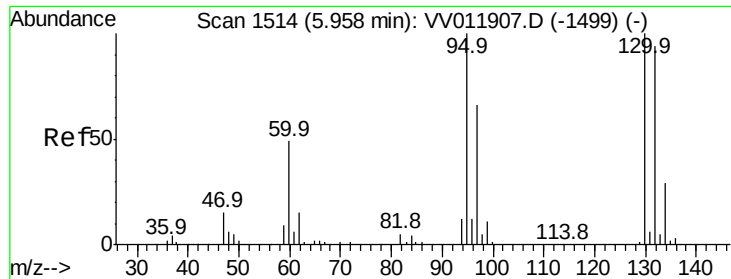
#22
cis-1,2-Dichloroethene
Concen: 188.694 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV011920.D
Acq: 17 Jul 2019 19:02

Tgt Ion: 96 Resp: 2245673
Ion Ratio Lower Upper
96 100
61 135.4 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: 7.963 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV011920.D

Acq: 17 Jul 2019 19:02

Instrument :

MSVOA_V

ClientSampleId :

A52L4

Tot Ion: 95 Resp: 103331

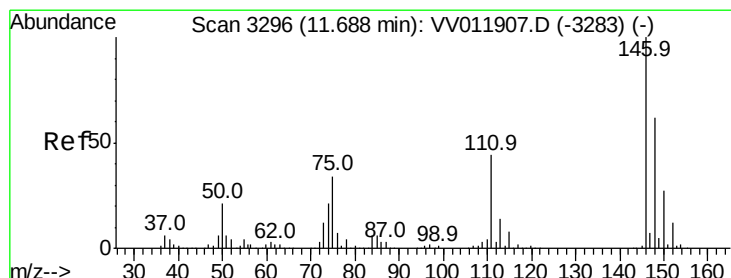
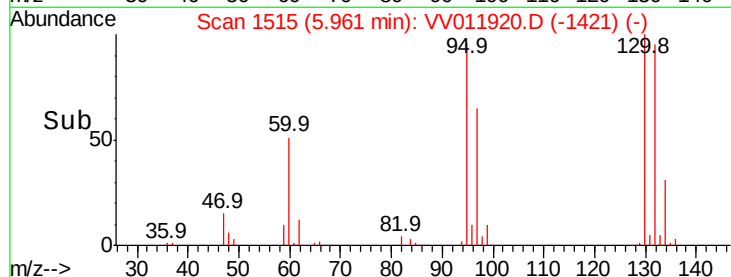
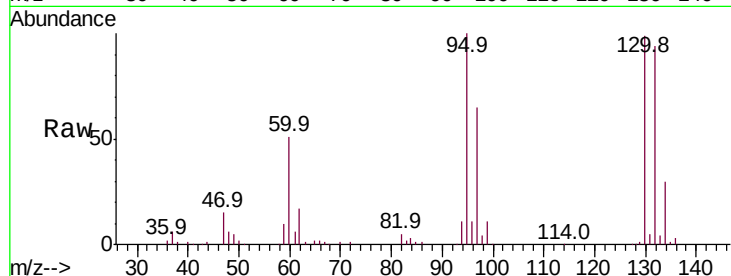
Ion Ratio Lower Upper

95 100

97 64.8 44.0 81.6

132 94.0 67.0 124.4

130 99.1 69.1 128.3



#65

1,2-Dichlorobenzene

Concen: 0.147 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV011920.D

Acq: 17 Jul 2019 19:02

Tgt Ion: 146 Resp: 2866

Ion Ratio Lower Upper

146 100

111 42.6 34.0 51.0

148 68.9 51.8 77.6

