

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122120\
 Data File : VV019782.D
 Acq On : 21 Dec 2020 17:53
 Operator : SY/MD
 Sample : L5087-06 2X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q1

Manual Integrations
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 12/22/2020 8:31:46 AM

Quant Time: Dec 22 01:30:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 22 00:24:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	684507	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	646318	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	308989	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	262632	53.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.02%
7) Chloroethane-d5	1.57	69	202988	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.86%
11) 1,1-Dichloroethene-d2	2.11	63	368156	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.82%
21) 2-Butanone-d5	3.88	46	338908	127.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.03%
24) Chloroform-d	4.35	84	446834	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
26) 1,2-Dichloroethane-d4	5.04	65	307843	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.50%
32) Benzene-d6	5.05	84	897660	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.16%
36) 1,2-Dichloropropane-d6	6.07	67	284932	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.54%
41) Toluene-d8	7.32	98	782504	50.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.84%
43) trans-1,3-Dichloropropene-	7.62	79	132245	43.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.12%
47) 2-Hexanone-d5	8.09	63	215206	101.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.55%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	345479	47.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.63	152	280726	48.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Qvalue
13) Acetone	2.17	43	28223	12.418 ug/L	100
17) trans-1,2-Dichloroethene	2.77	96	3755	0.840 ug/L	96
18) Methyl tert-butyl Ether	2.77	73	2088591	133.728 ug/L	99
20) cis-1,2-Dichloroethene	3.92	96	43642	8.882 ug/L #	92
22) 2-Butanone	4.00	43	13790m	4.136 ug/L	
33) Benzene	5.11	78	114395	6.056 ug/L	100
34) Trichloroethene	5.92	95	127599	25.572 ug/L	99
46) Tetrachloroethene	7.98	164	252168	73.035 ug/L	97

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

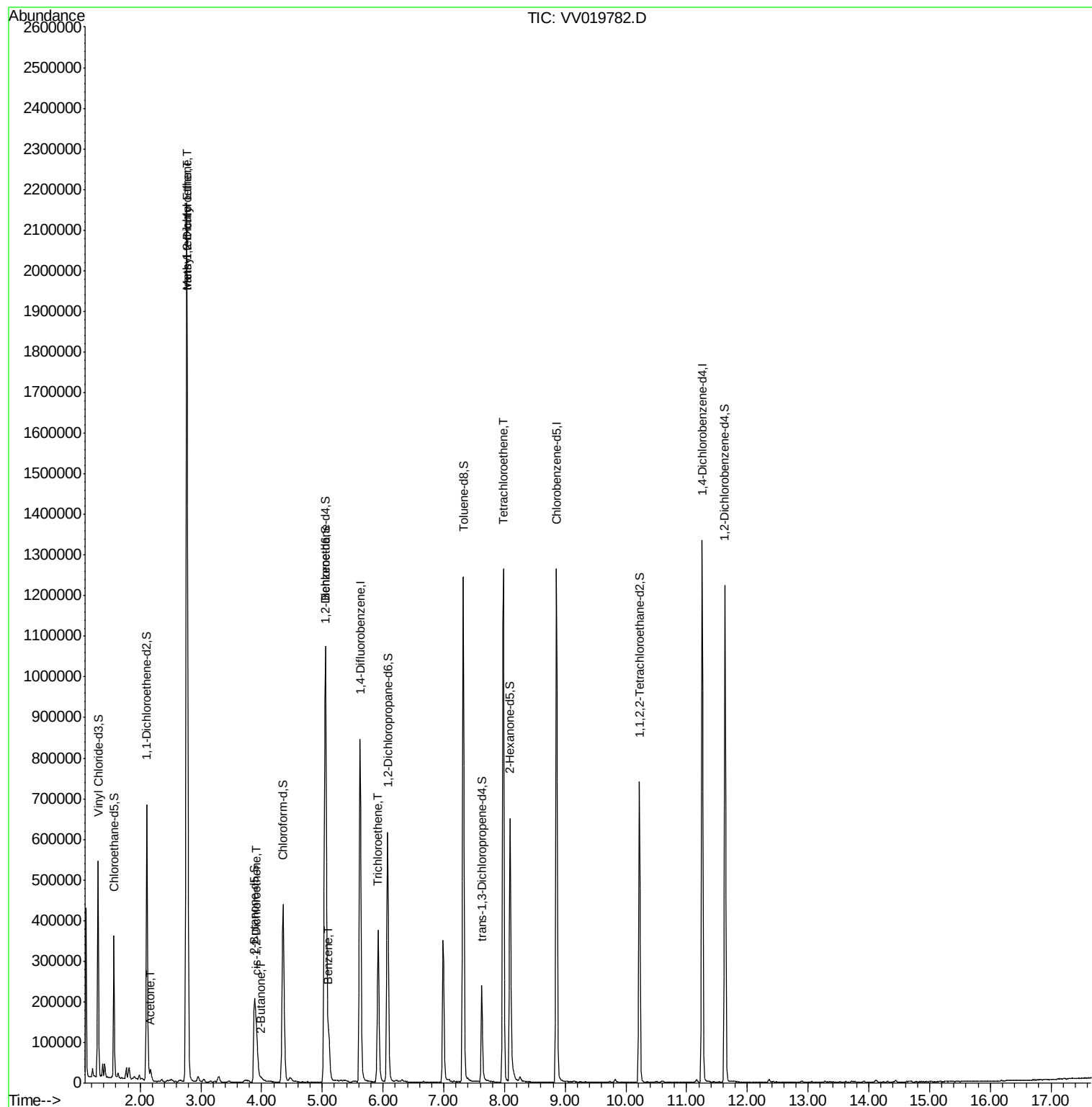
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV122120\
Data File : VV019782.D
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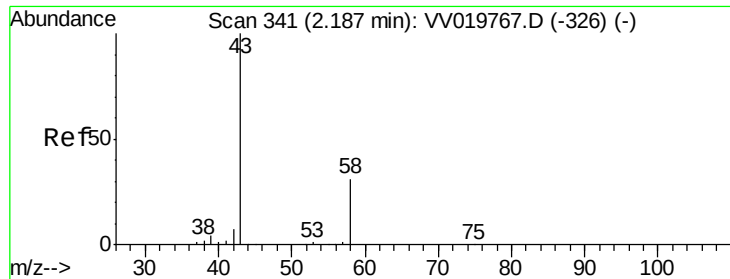
Instrument :
MSVOA_V
ClientSampleId :
BG4Q1

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Quant Time: Dec 22 01:30:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 22 00:24:34 2020
Response via : Initial Calibration





#13

Acetone

Concen: 12.418 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.01 min

Lab File: VV019782.D

Acq: 21 Dec 2020 17:53

Instrument :

MSVOA_V

ClientSampled :

BG4Q1

Tgt Ion: 43 Resp: 28223

Ion Ratio Lower Upper

43 100

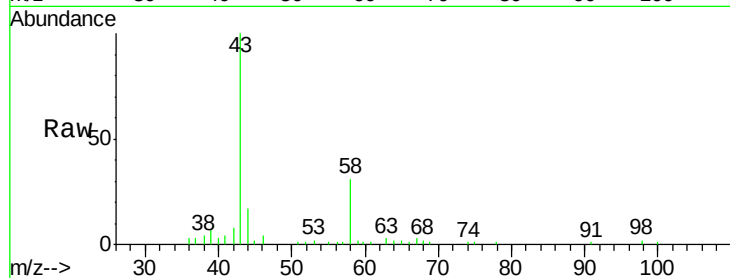
58 30.6 0.0 61.6

Manual Integrations

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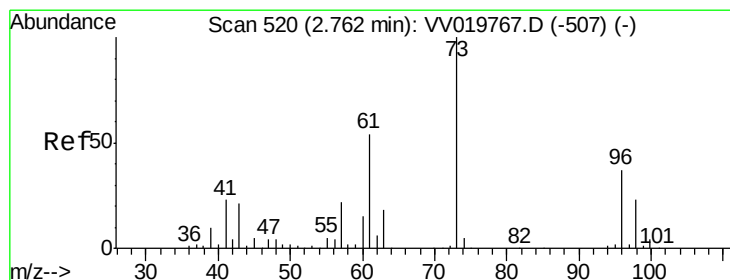
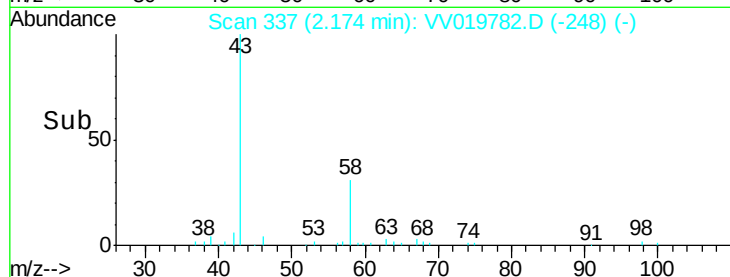
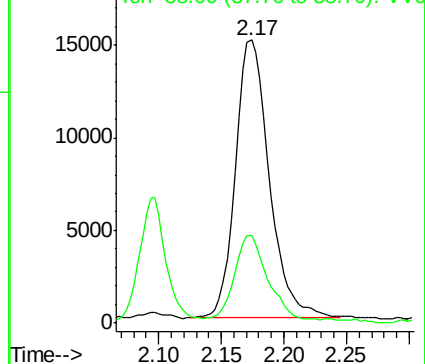
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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 0.840 ug/L

RT: 2.77 min Scan# 523

Delta R.T. 0.01 min

Lab File: VV019782.D

Acq: 21 Dec 2020 17:53

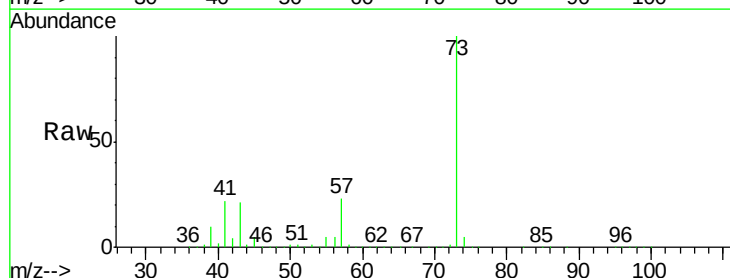
Tgt Ion: 96 Resp: 3755

Ion Ratio Lower Upper

96 100

61 154.5 103.5 192.1

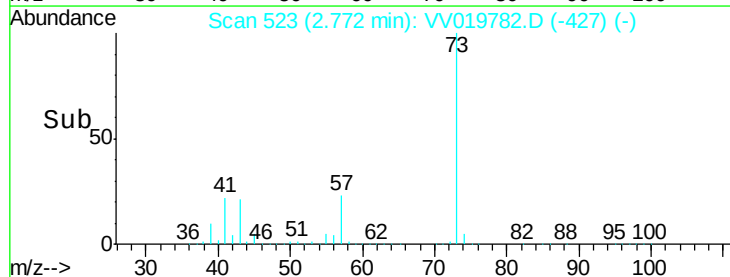
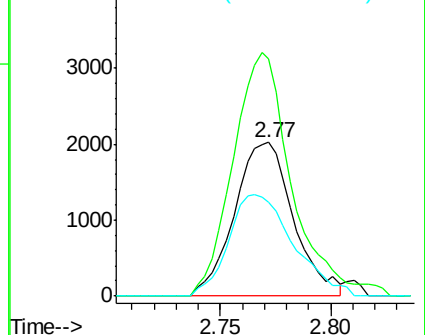
98 61.5 44.4 82.5

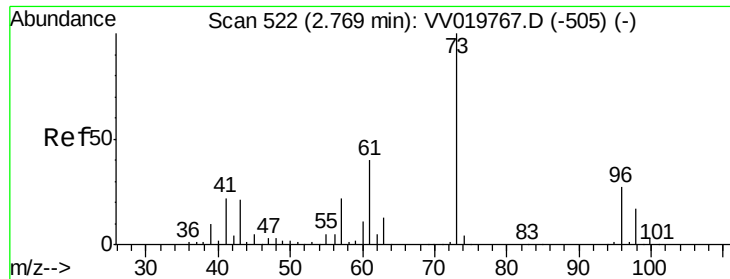


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





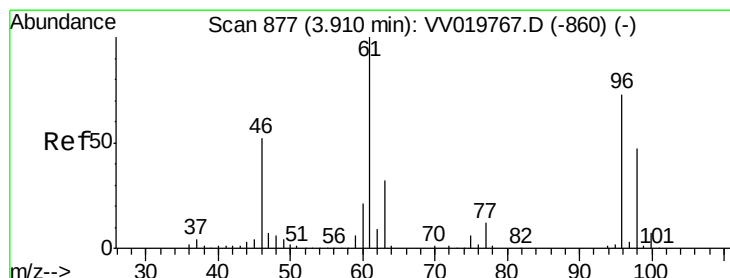
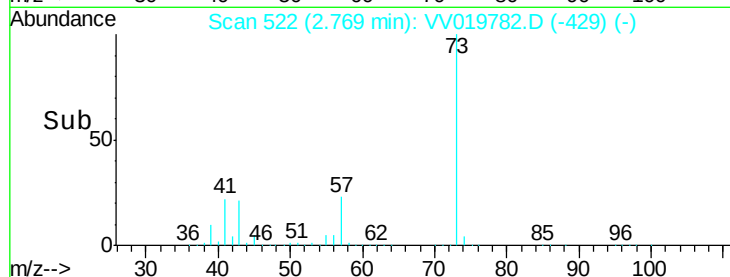
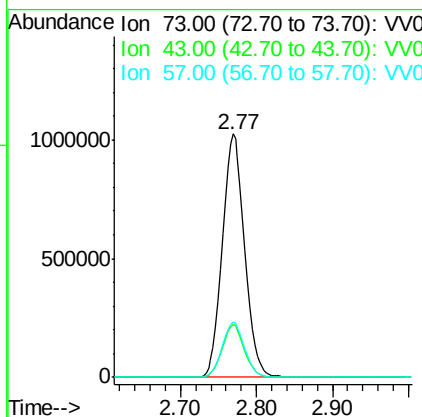
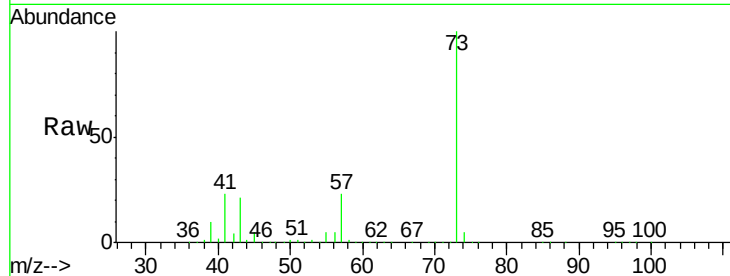
#18
Methyl tert-butyl Ether
Concen: 133.728 ug/L
RT: 2.77 min Scan# 522
Delta R.T. -0.00 min
Lab File: VV019782.D
Acq: 21 Dec 2020 17:53

Instrument :
MSVOA_V
ClientSampled :
BG4Q1

Tgt Ion: 73 Resp: 2088591
Ion Ratio Lower Upper
73 100
43 21.4 17.3 25.9
57 22.7 17.5 26.3

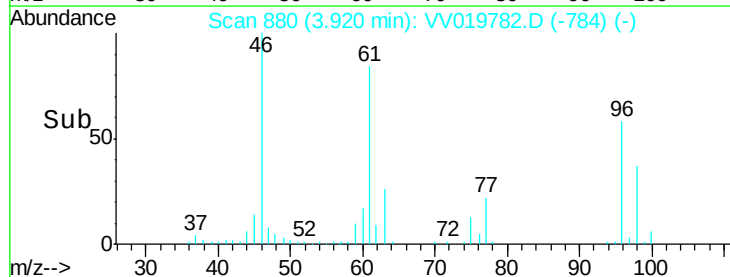
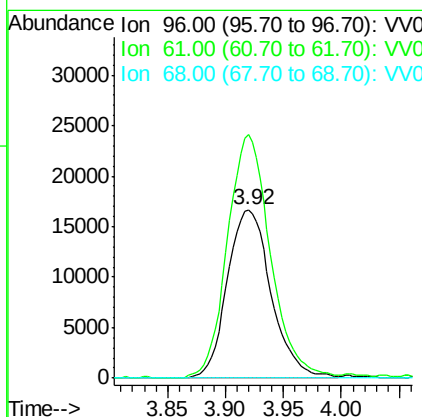
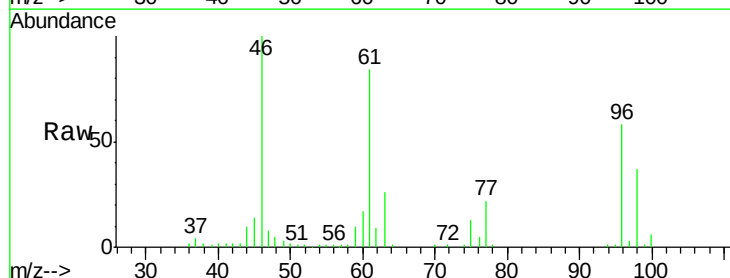
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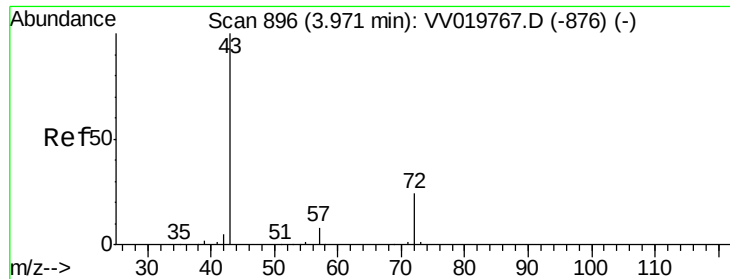
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#20
cis-1,2-Dichloroethene
Concen: 8.882 ug/L
RT: 3.92 min Scan# 880
Delta R.T. 0.01 min
Lab File: VV019782.D
Acq: 21 Dec 2020 17:53

Tgt Ion: 96 Resp: 43642
Ion Ratio Lower Upper
96 100
61 144.4 94.1 174.8
68 0.0 0.1 0.1#





#22

2-Butanone

Concen: 4.136 ug/L m

RT: 4.00 min Scan# 905

Delta R.T. 0.03 min

Lab File: VV019782.D

Acq: 21 Dec 2020 17:53

Instrument :

MSVOA_V

ClientSampleId :

BG4Q1

Tgt Ion: 43 Resp: 13790

Ion Ratio Lower Upper

43 100

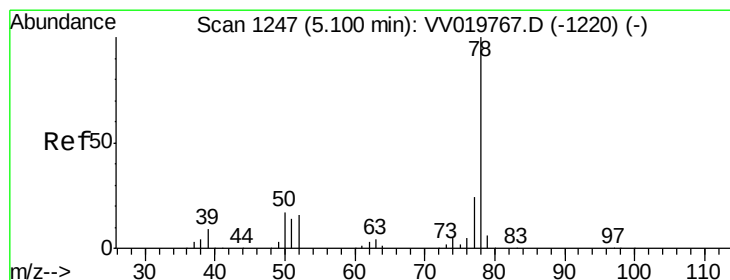
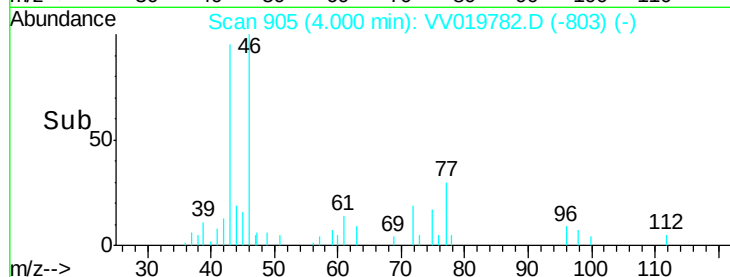
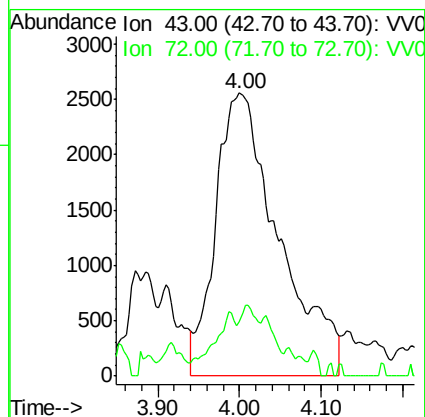
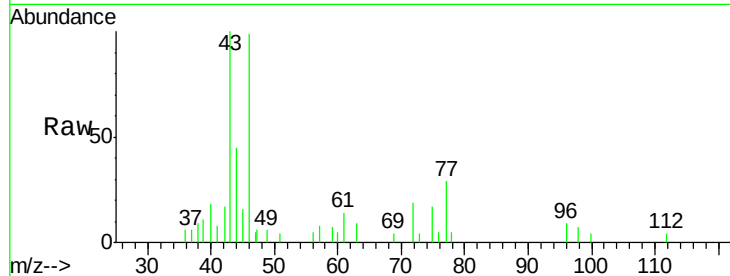
72 0.3 12.3 36.9#

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#33

Benzene

Concen: 6.056 ug/L

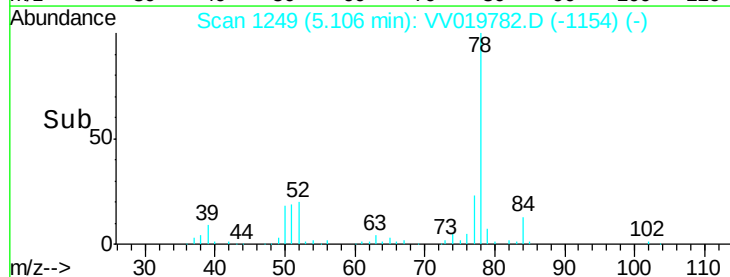
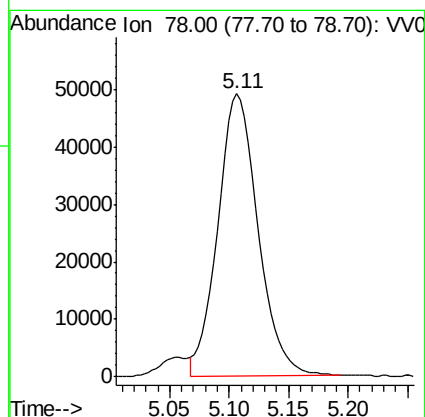
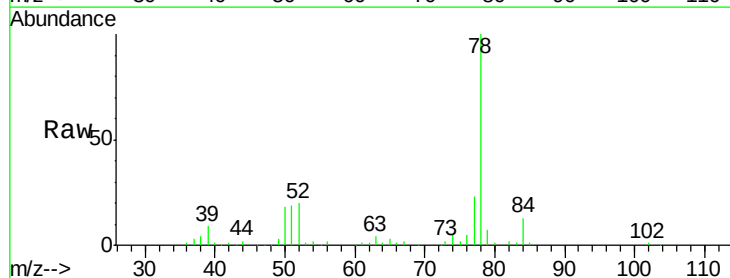
RT: 5.11 min Scan# 1249

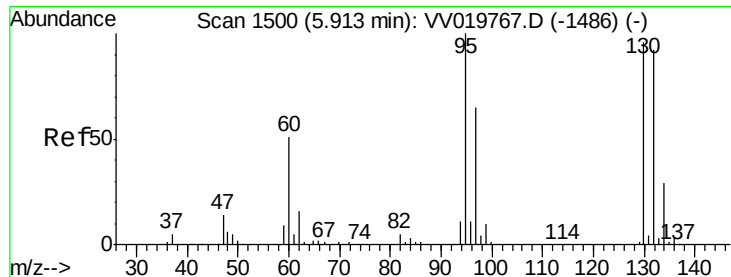
Delta R.T. 0.01 min

Lab File: VV019782.D

Acq: 21 Dec 2020 17:53

Tgt Ion: 78 Resp: 114395





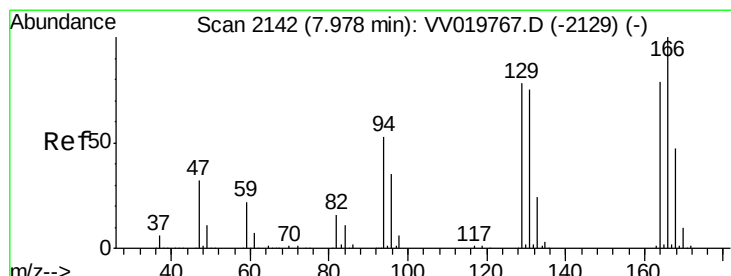
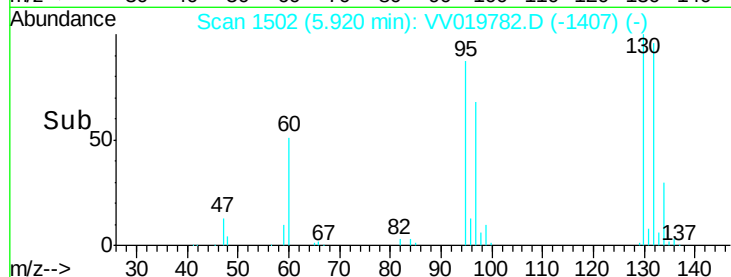
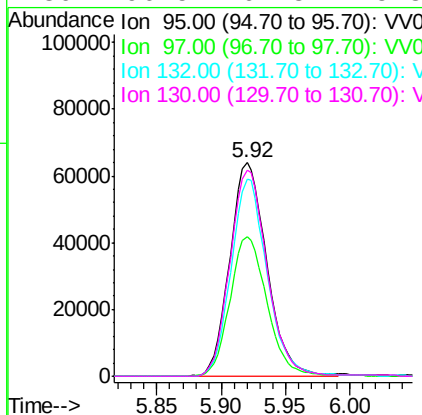
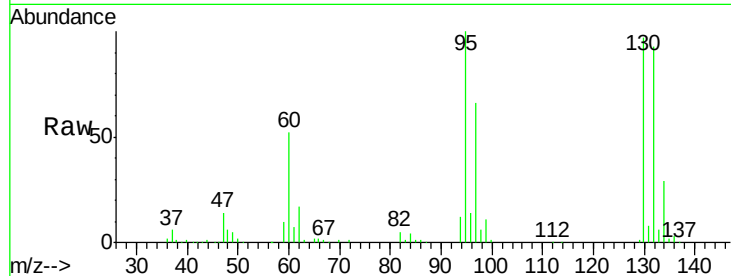
#34
 Trichloroethene
 Concen: 25.572 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: VV019782.D
 Acq: 21 Dec 2020 17:53

Instrument :
 MSVOA_V
 ClientSampled :
 BG4Q1

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	127599		
97	65.6	44.4	82.4	
132	92.6	64.3	119.3	
130	96.5	67.8	125.8	

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#46
 Tetrachloroethene
 Concen: 73.035 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VV019782.D
 Acq: 21 Dec 2020 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	252168		
129	102.0	70.6	131.0	
131	99.7	68.0	126.4	
166	130.1	86.9	161.5	

