

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016520.D
 Acq On : 04 Jun 2020 19:40
 Operator : SY/MD
 Sample : L2849-19MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 01:57:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 05 01:52:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	354006	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332054	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163926	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93508	37.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.58%
7) Chloroethane-d5	1.56	69	73185	40.43	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.86%
11) 1,1-Dichloroethene-d2	2.12	63	171268	38.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.06%
21) 2-Butanone-d5	3.90	46	187825	117.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.15%
24) Chloroform-d	4.37	84	213340	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	5.05	65	154364	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
32) Benzene-d6	5.07	84	422227	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
36) 1,2-Dichloropropane-d6	6.09	67	136131	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.24%
41) Toluene-d8	7.34	98	383317	47.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.90%
43) trans-1,3-Dichloropropene-	7.64	79	59609	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.26%
47) 2-Hexanone-d5	8.11	63	144533	121.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	187786	49.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	161814	52.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.06%

Target Compounds

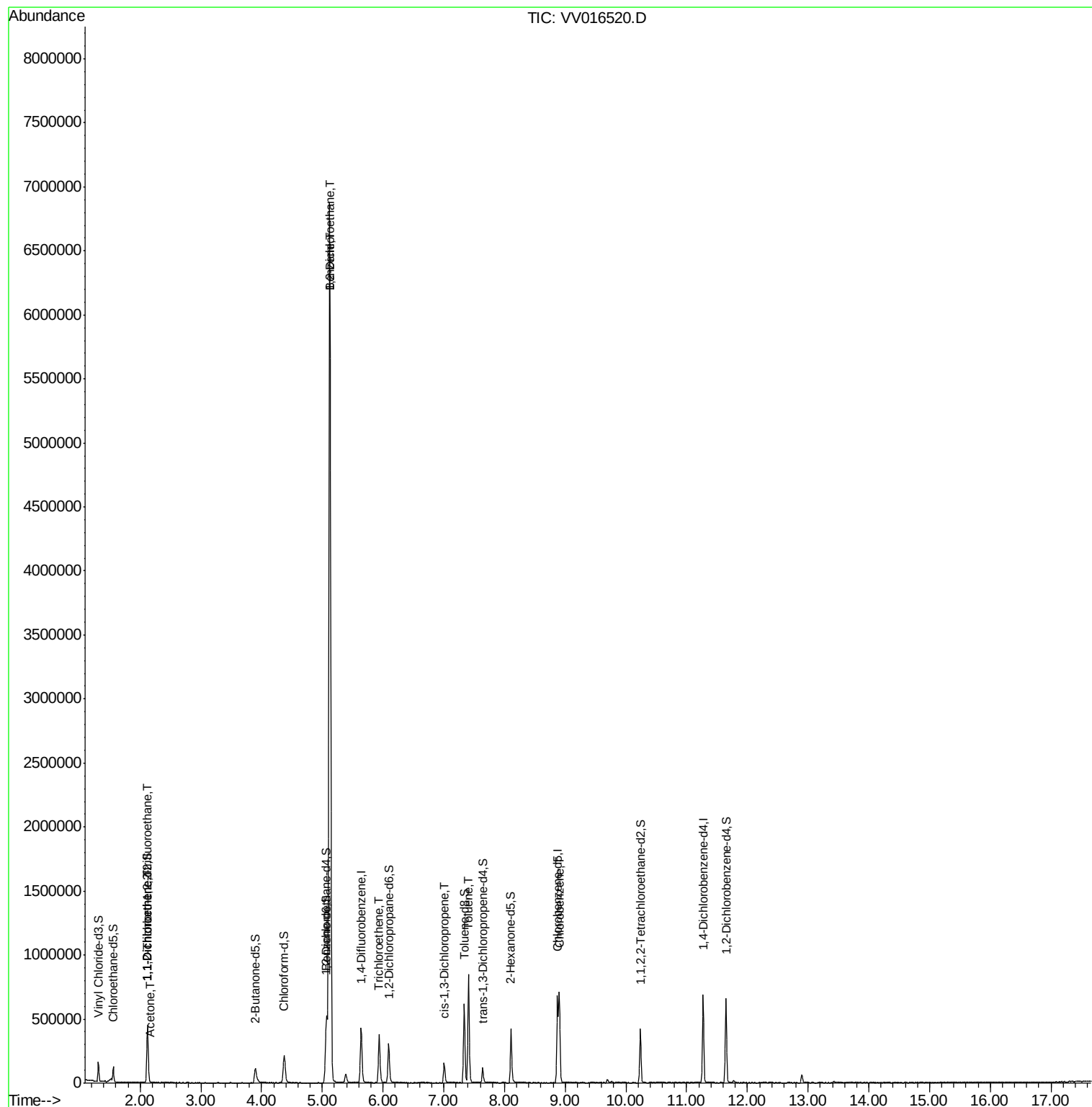
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1332	0.652	ug/L # 21
12) 1,1-Dichloroethene	2.13	96	85366	43.435	ug/L 91
13) Acetone	2.17	43	2294	1.531	ug/L 68
27) 1,2-Dichloroethane	5.12	62	65366	16.735	ug/L # 76
33) Benzene	5.12	78	6606417	676.495	ug/L 100
34) Trichloroethene	5.94	95	129742	50.632	ug/L 97
39) cis-1,3-Dichloropropene	7.01	75	4322	1.165	ug/L # 68
42) Toluene	7.41	91	586069	56.635	ug/L 100
51) Chlorobenzene	8.90	112	350008	51.463	ug/L 98

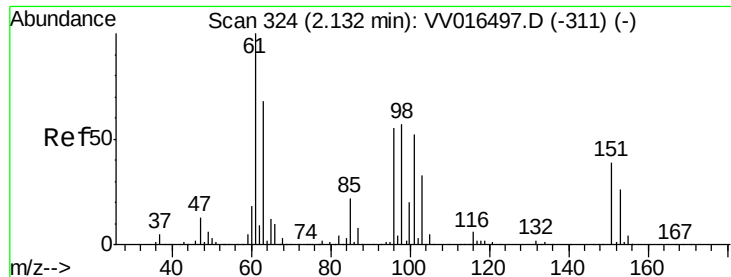
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 01:52:01 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.652 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV016520.D

Acq: 04 Jun 2020 19:40

Instrument :

MSVOA_V

ClientSampled :

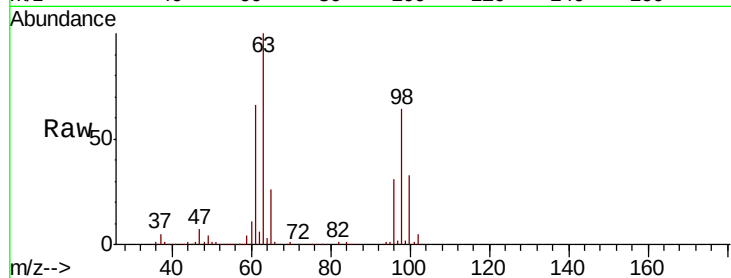
Tot Ion:101 Resp: 1332

Ion Ratio Lower Upper

101 100

85 5.3 35.6 53.4#

151 0.0 61.8 92.8#



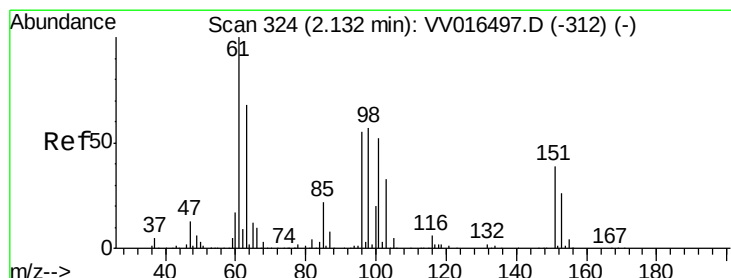
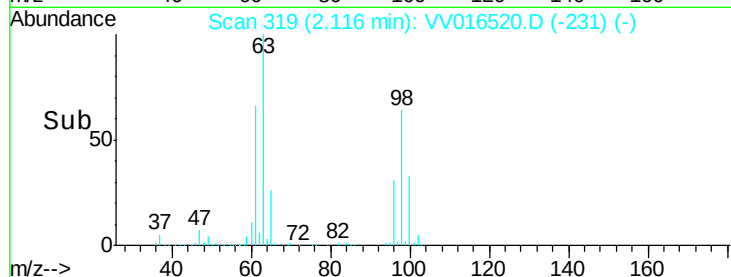
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

Time-->

2.08 2.10 2.12 2.14



#12

1,1-Dichloroethene

Concen: 43.435 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016520.D

Acq: 04 Jun 2020 19:40

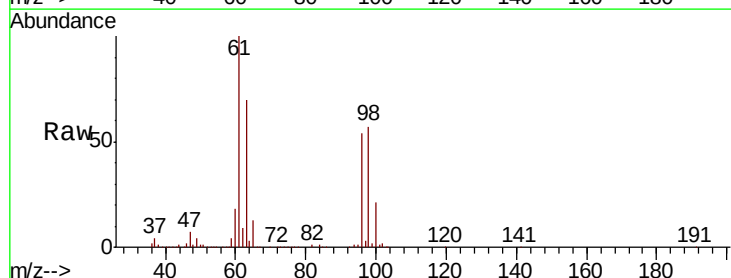
Tgt Ion: 96 Resp: 85366

Ion Ratio Lower Upper

96 100

61 185.8 125.5 233.1

63 130.4 104.0 193.1



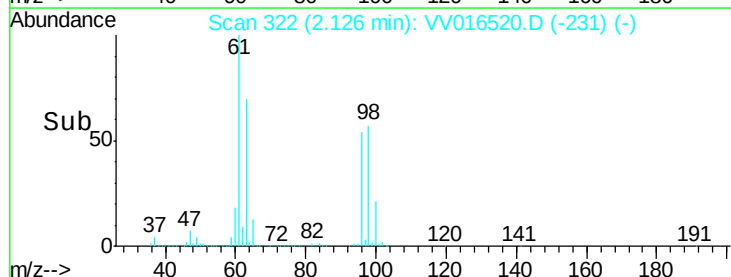
Abundance Ion 96.00 (95.70 to 96.70): VV0

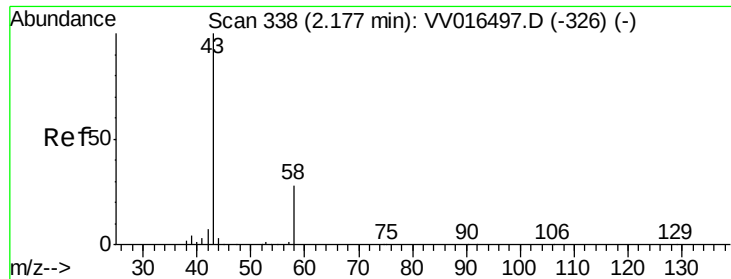
Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

Time-->

2.05 2.10 2.15 2.20





#13

Acetone

Concen: 1.531 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV016520.D

Acq: 04 Jun 2020 19:40

Instrument :

MSVOA_V

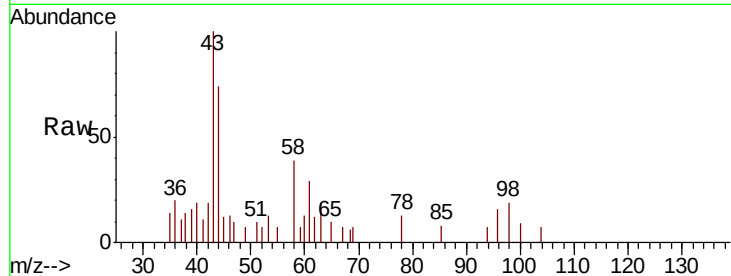
ClientSampleId :

Tot Ion: 43 Resp: 2294

Ion Ratio Lower Upper

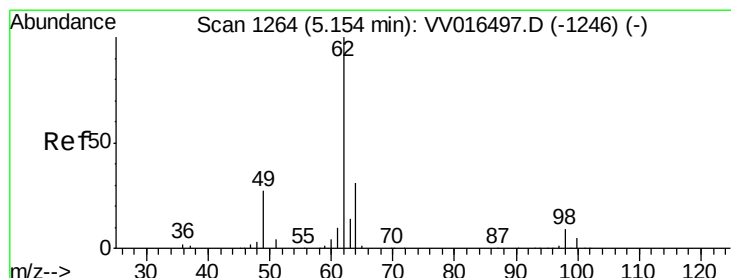
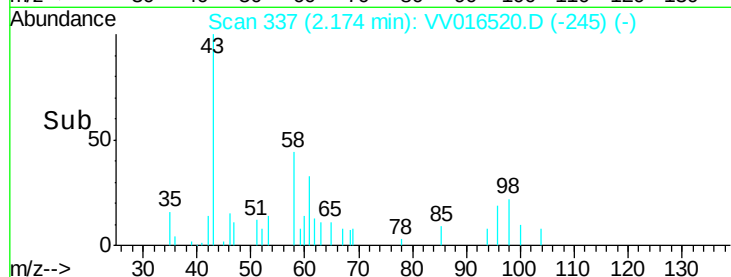
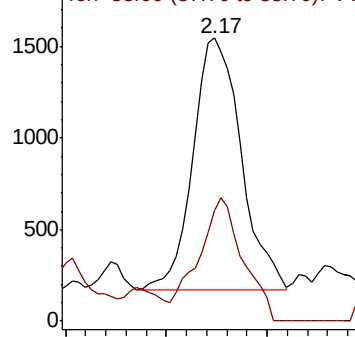
43 100

58 45.5 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#27

1,2-Dichloroethane

Concen: 16.735 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.03 min

Lab File: VV016520.D

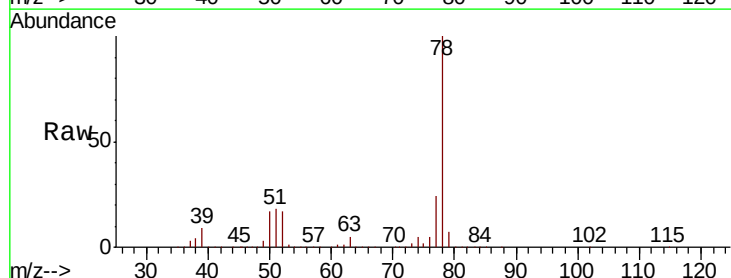
Acq: 04 Jun 2020 19:40

Tgt Ion: 62 Resp: 65366

Ion Ratio Lower Upper

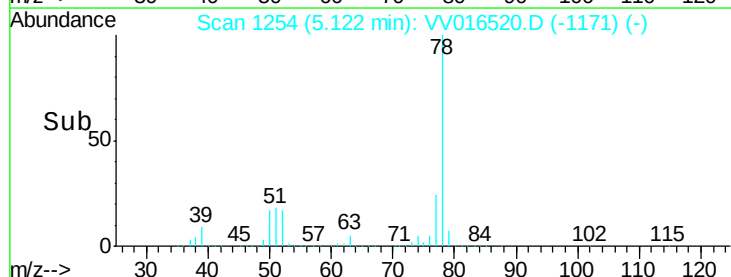
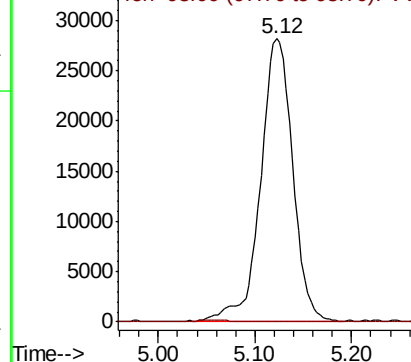
62 100

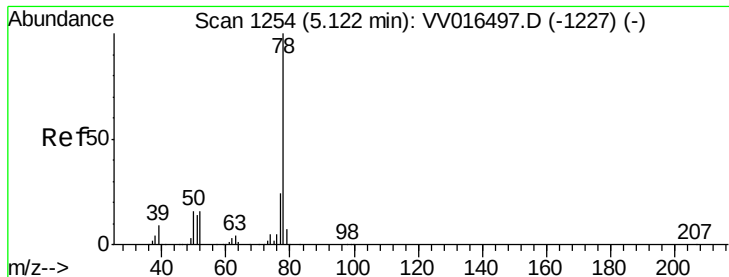
98 0.0 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#33

Benzene

Concen: 676.495 ug/L

RT: 5.12 min Scan# 1254

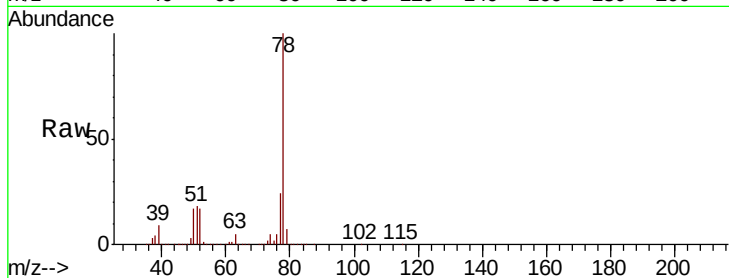
Delta R.T. 0.00 min

Lab File: VV016520.D

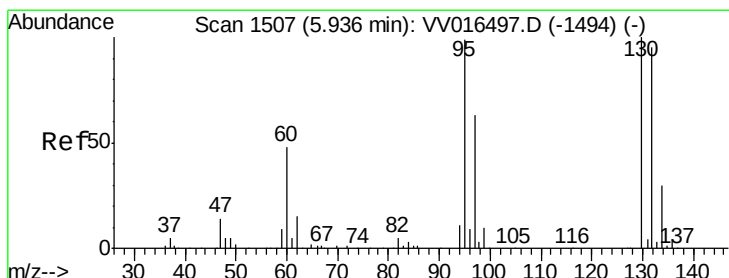
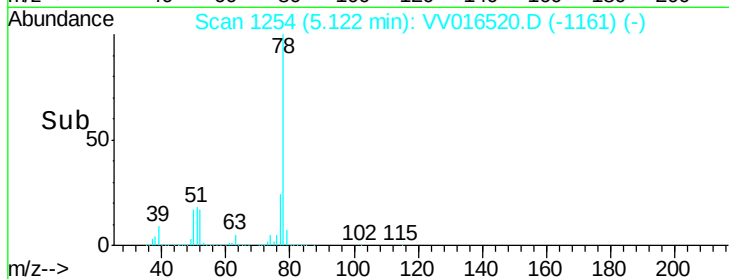
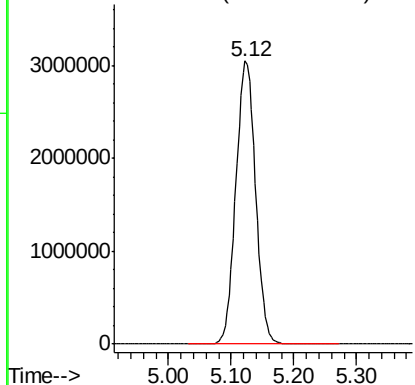
Acq: 04 Jun 2020 19:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 6606417



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 50.632 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016520.D

Acq: 04 Jun 2020 19:40

Tgt Ion: 95 Resp: 129742

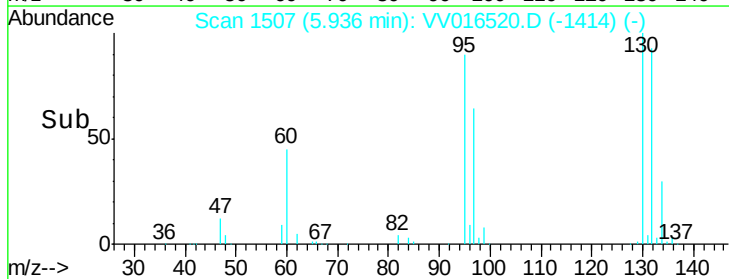
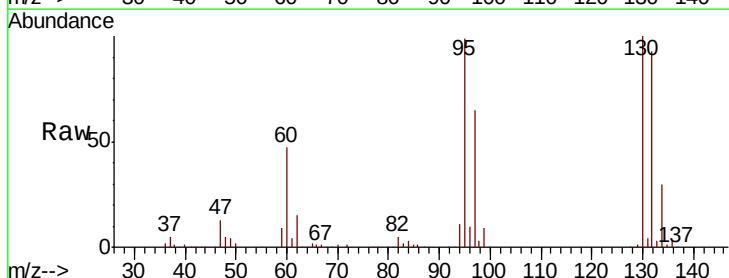
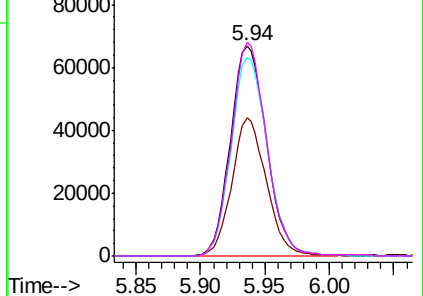
Ion	Ratio	Lower	Upper
95	100		
97	65.5	42.8	79.6
132	94.4	65.6	121.8
130	101.5	69.0	128.1

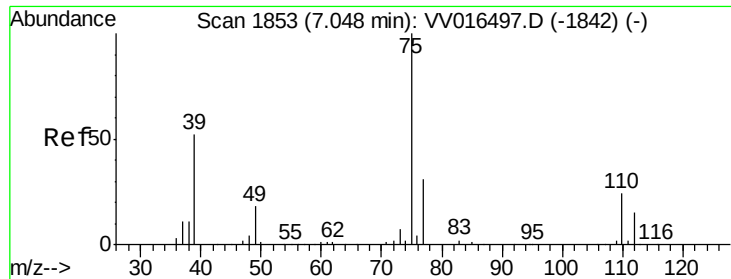
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

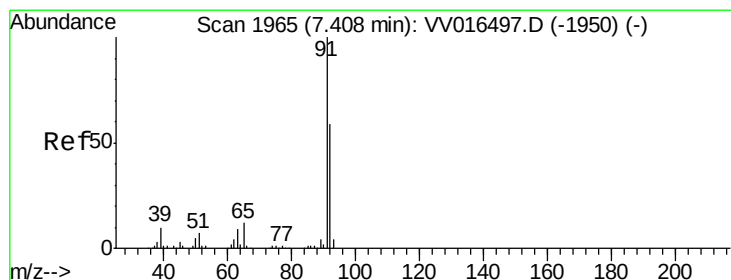
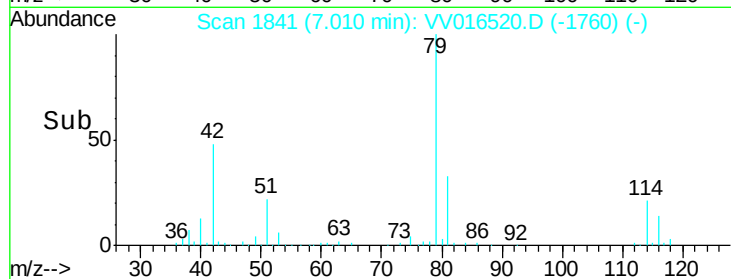
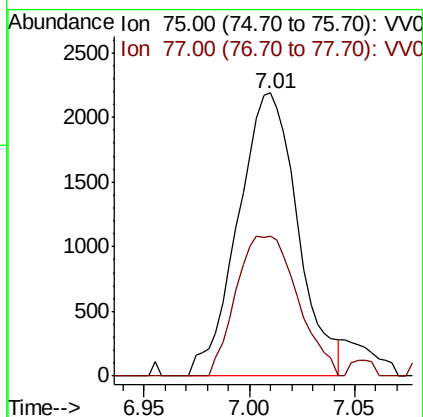
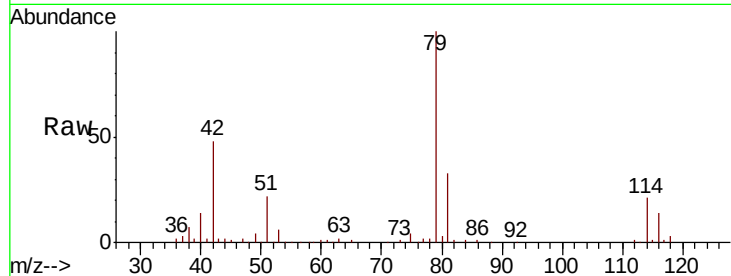




#39
 cis-1,3-Dichloropropene
 Concen: 1.165 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016520.D
 Acq: 04 Jun 2020 19:40

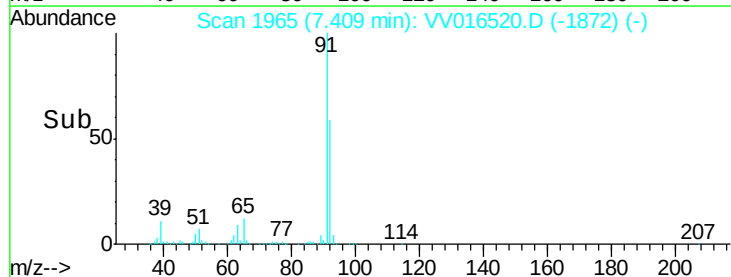
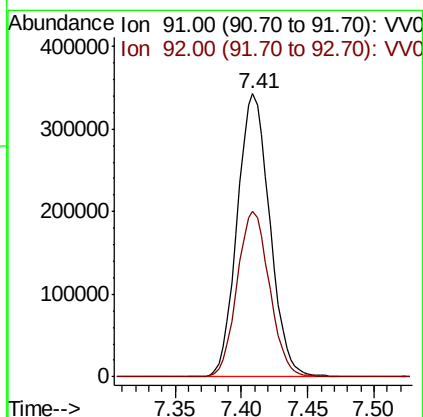
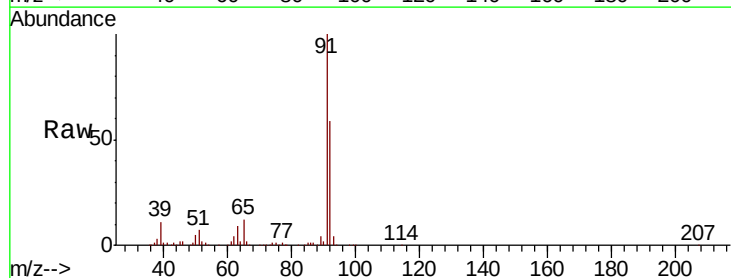
Instrument :
 MSVOA_V
 ClientSampleId :

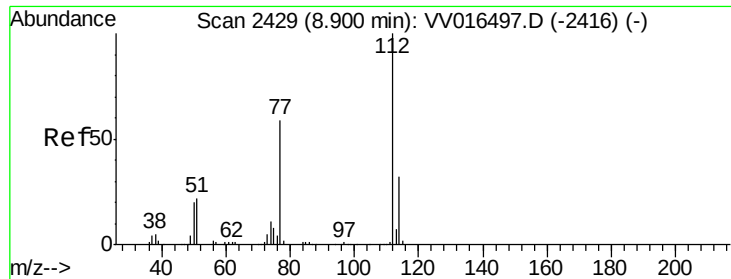
Tot Ion: 75 Resp: 4322
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.0 41.0#



#42
 Toluene
 Concen: 56.635 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV016520.D
 Acq: 04 Jun 2020 19:40

Tgt Ion: 91 Resp: 586069
 Ion Ratio Lower Upper
 91 100
 92 58.6 40.9 75.9





#51
 Chlorobenzene
 Concen: 51.463 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV016520.D
 Acq: 04 Jun 2020 19:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.7	42.1
77	57.8	47.4	71.2

