

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016521.D
 Acq On : 04 Jun 2020 20:04
 Operator : SY/MD
 Sample : L2849-20MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 01:57:28 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	346276	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160877	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	88786	36.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.40%
7) Chloroethane-d5	1.56	69	71977	40.65	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.30%
11) 1,1-Dichloroethene-d2	2.12	63	169254	38.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.86%
21) 2-Butanone-d5	3.89	46	190595	121.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.53%
24) Chloroform-d	4.37	84	213898	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.05	65	149170	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
32) Benzene-d6	5.07	84	420982	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.09	67	132737	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.34%
41) Toluene-d8	7.34	98	376751	47.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.64	79	59736	44.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.90%
47) 2-Hexanone-d5	8.11	63	145346	124.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189756	51.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	164570	54.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.86%

Target Compounds

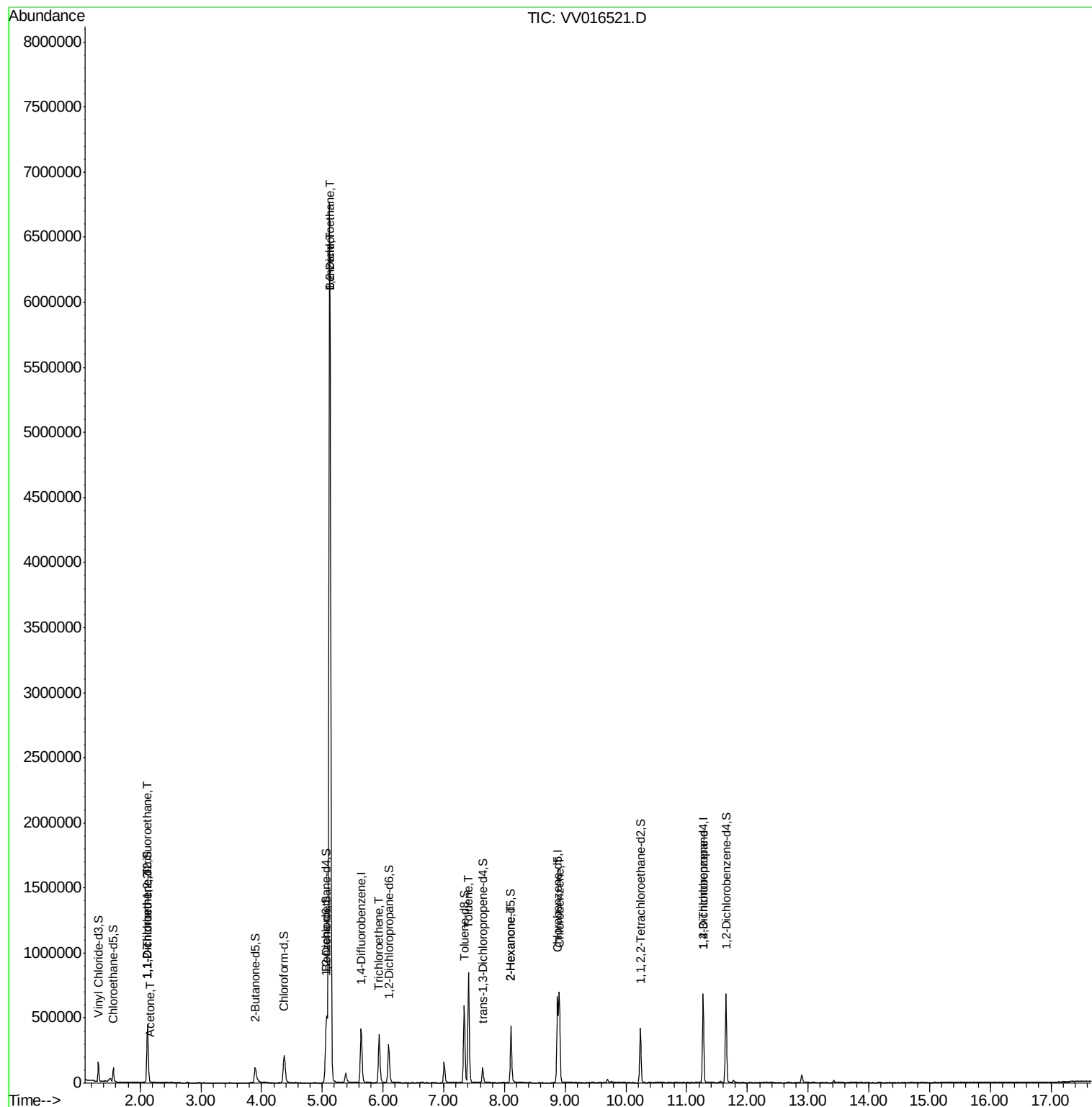
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1550	0.776	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	85042	44.236	ug/L	94
13) Acetone	2.17	43	2221	1.515	ug/L	88
27) 1,2-Dichloroethane	5.12	62	65011	17.016	ug/L #	76
33) Benzene	5.12	78	6490329	675.452	ug/L	100
34) Trichloroethene	5.94	95	127003	50.372	ug/L	98
42) Toluene	7.41	91	580913	57.053	ug/L	99
48) 2-Hexanone	8.11	43	17683	6.600	ug/L #	68
51) Chlorobenzene	8.90	112	347172	51.879	ug/L	99
59) 1,2,3-Trichloropropane	11.27	75	19355	6.193	ug/L	89

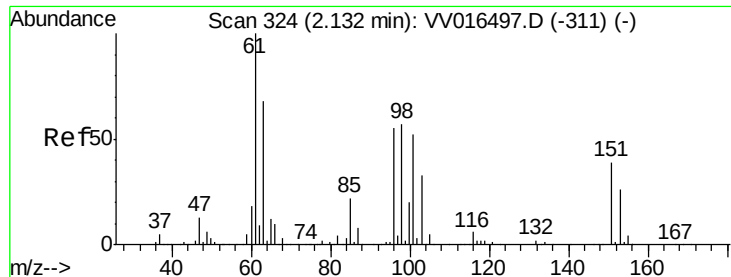
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 05 01:52:01 2020
Response via : Initial Calibration





#10

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

Concen: 0.776 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV016521.D

Acq: 04 Jun 2020 20:04

Instrument :

MSVOA_V

ClientSampled :

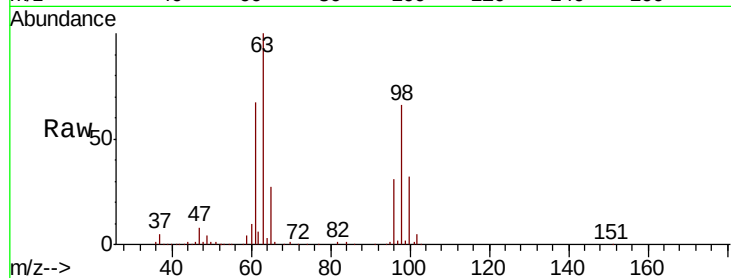
Tot Ion:101 Resp: 1550

Ion Ratio Lower Upper

101 100

85 2.8 35.6 53.4#

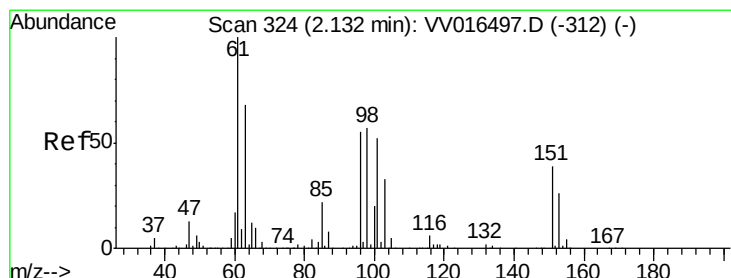
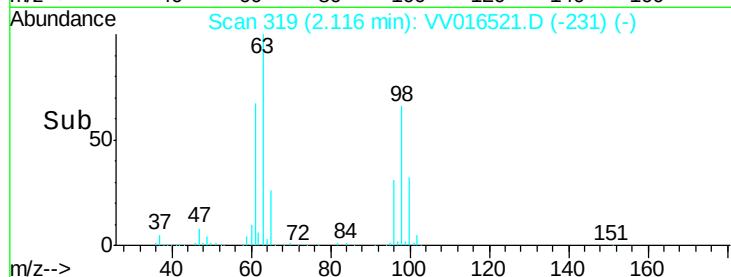
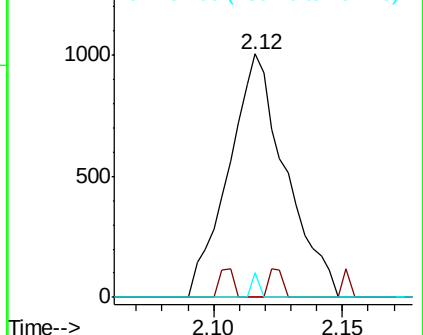
151 0.0 61.8 92.8#



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



#12

1,1-Dichloroethene

Concen: 44.236 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016521.D

Acq: 04 Jun 2020 20:04

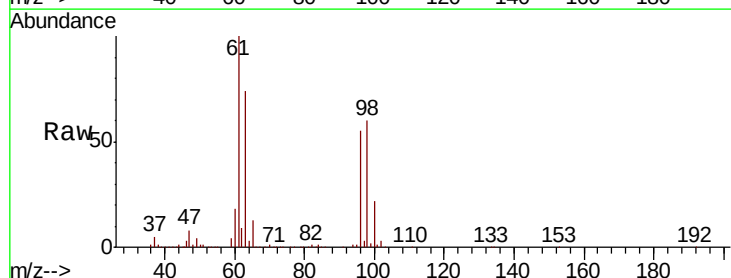
Tgt Ion: 96 Resp: 85042

Ion Ratio Lower Upper

96 100

61 182.4 125.5 233.1

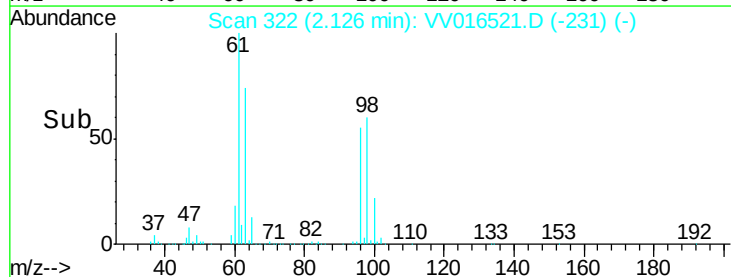
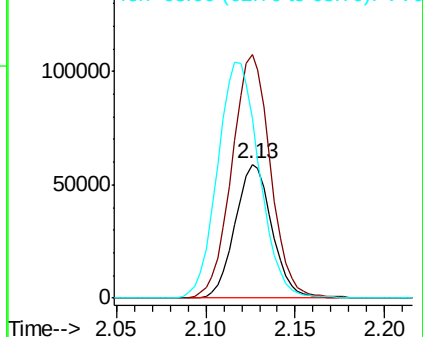
63 134.3 104.0 193.1

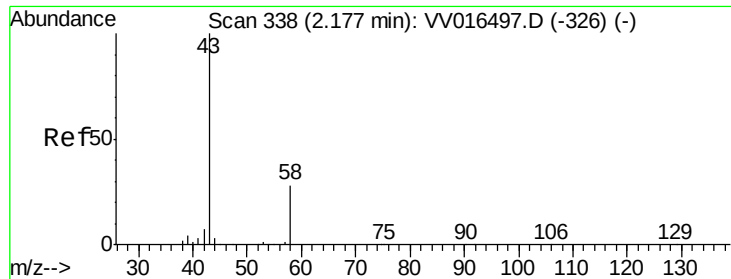


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.515 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV016521.D

Acq: 04 Jun 2020 20:04

Instrument :

MSVOA_V

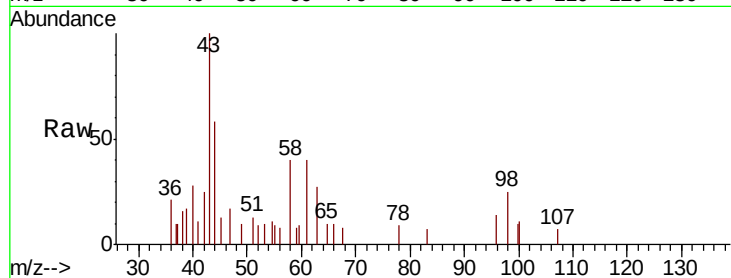
ClientSampled :

Tot Ion: 43 Resp: 2221

Ion Ratio Lower Upper

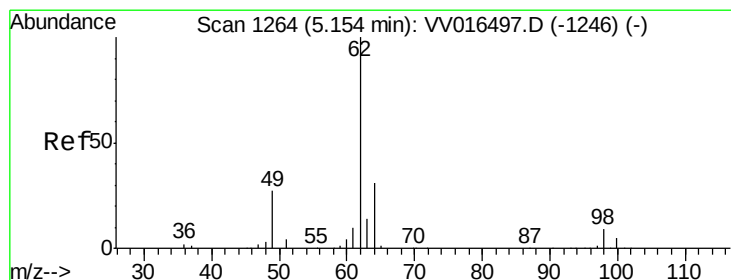
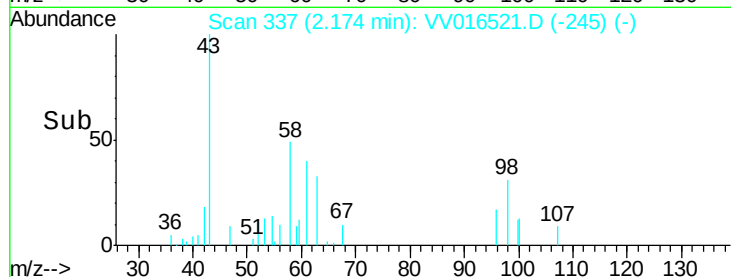
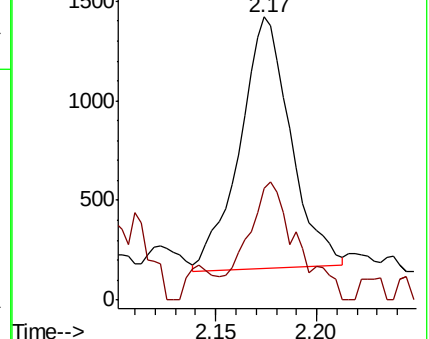
43 100

58 35.0 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: 17.016 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.03 min

Lab File: VV016521.D

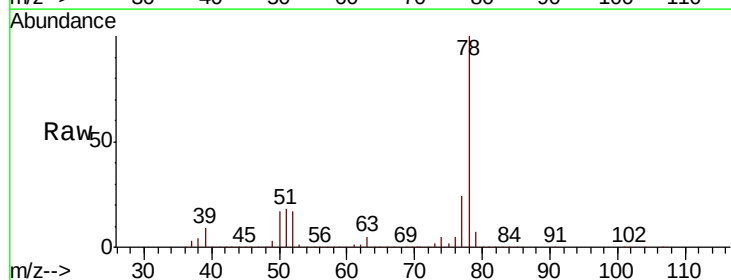
Acq: 04 Jun 2020 20:04

Tgt Ion: 62 Resp: 65011

Ion Ratio Lower Upper

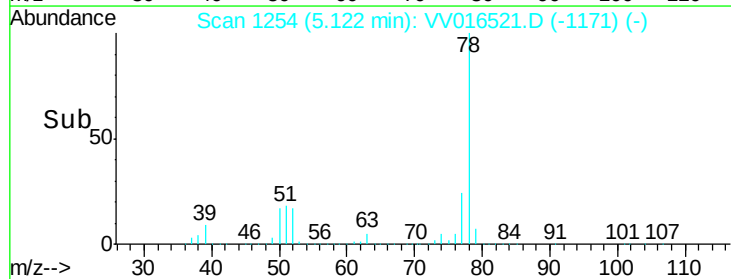
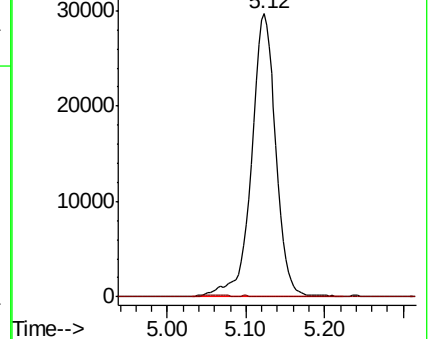
62 100

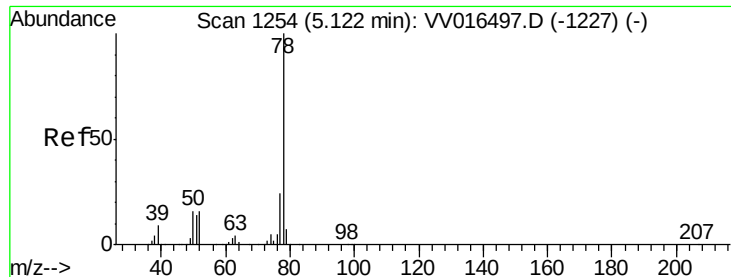
98 0.0 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

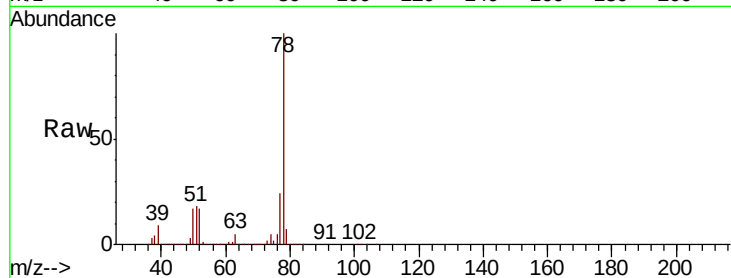




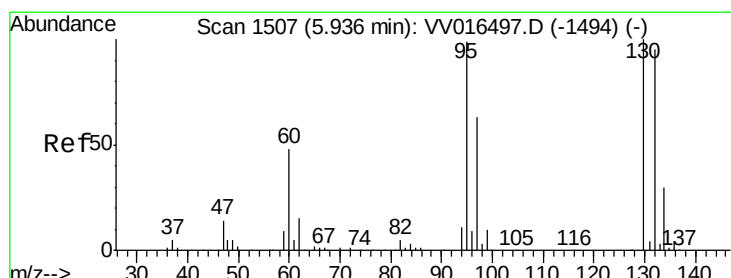
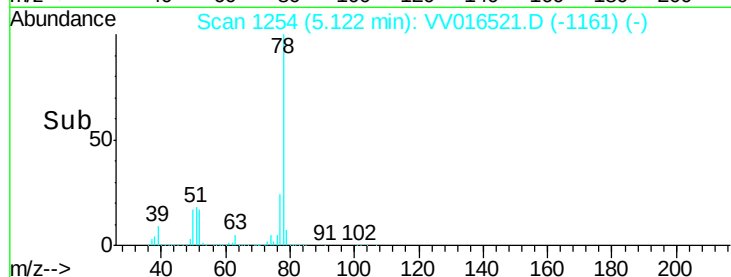
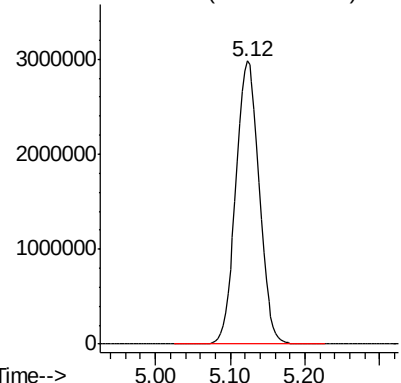
#33
Benzene
Concen: 675.452 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016521.D
Acq: 04 Jun 2020 20:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 6490329



Abundance Ion 78.00 (77.70 to 78.70): VV0

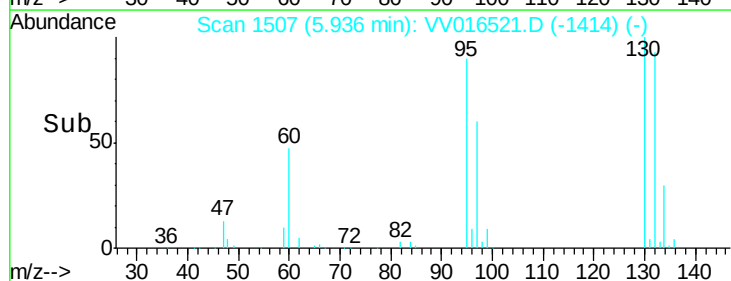
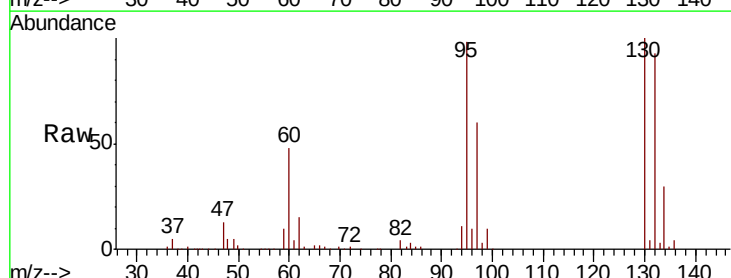
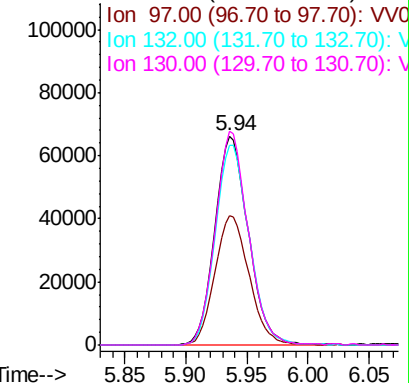


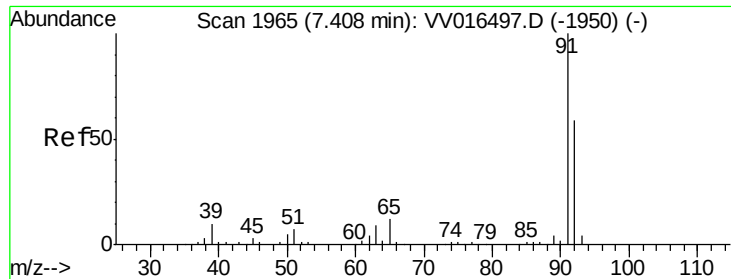
#34
Trichloroethene
Concen: 50.372 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV016521.D
Acq: 04 Jun 2020 20:04

Tgt Ion: 95 Resp: 127003

Ion	Ratio	Lower	Upper
95	100		
97	61.9	42.8	79.6
132	95.6	65.6	121.8
130	102.3	69.0	128.1

Abundance Ion 95.00 (94.70 to 95.70): VV0





#42

Toluene

Concen: 57.053 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016521.D

Acq: 04 Jun 2020 20:04

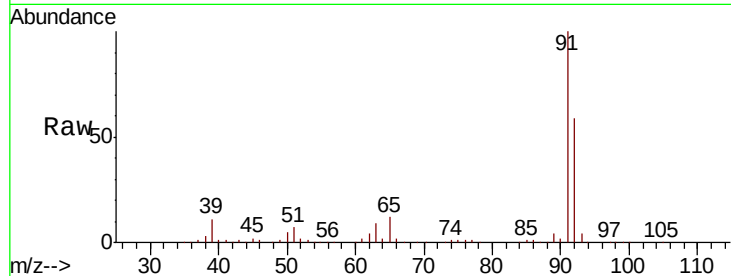
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 580913

Ion Ratio Lower Upper

91 100

92 59.0 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016521.D (-1872) (-)

Ion 92.00 (91.70 to 92.70): VV016521.D (-1872) (-)

7.41

400000

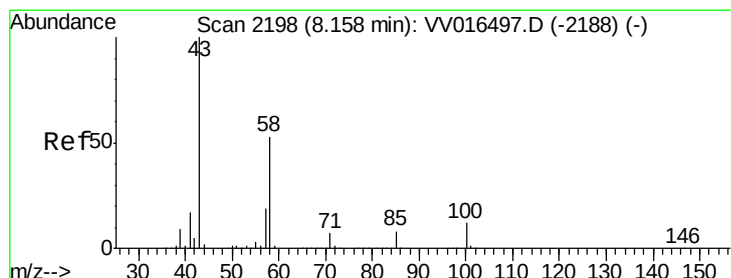
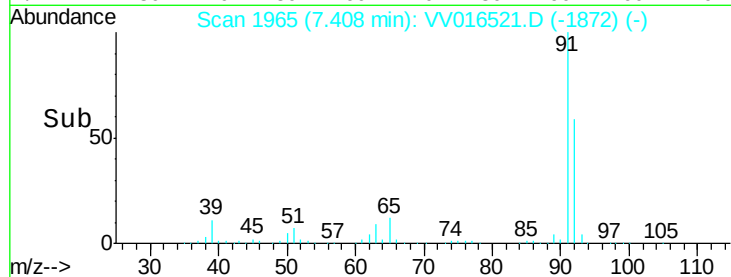
300000

200000

100000

0

Time-->



#48

2-Hexanone

Concen: 6.600 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV016521.D

Acq: 04 Jun 2020 20:04

Tgt Ion: 43 Resp: 17683

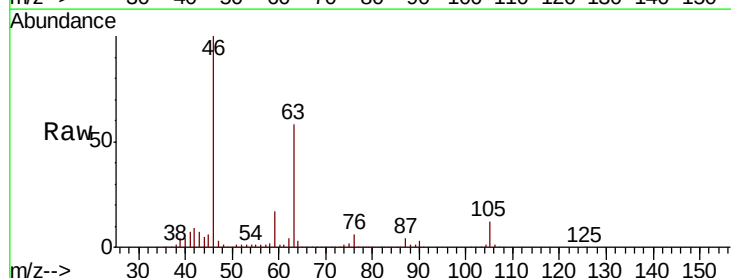
Ion Ratio Lower Upper

43 100

58 25.7 42.7 64.1#

57 24.2 14.5 21.7#

100 0.5 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VV016521.D (-2105) (-)

Ion 58.00 (57.70 to 58.70): VV016521.D (-2105) (-)

Ion 57.00 (56.70 to 57.70): VV016521.D (-2105) (-)

Ion 100.00 (99.70 to 100.70): VV016521.D (-2105) (-)

8.11

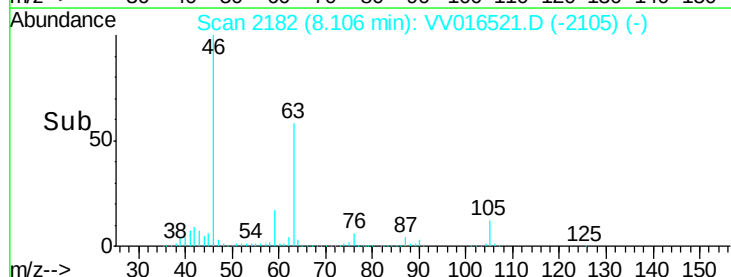
15000

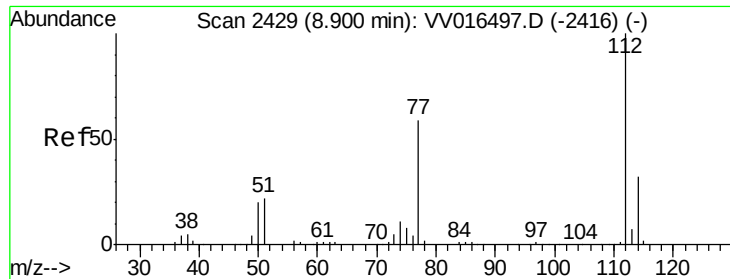
10000

5000

0

Time-->





#51

Chlorobenzene

Concen: 51.879 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016521.D

Acq: 04 Jun 2020 20:04

Instrument :

MSVOA_V

ClientSampled :

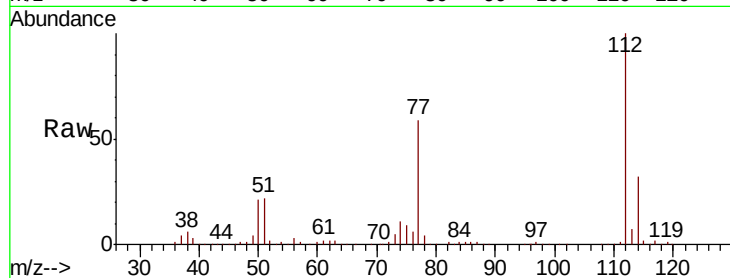
Tot Ion:112 Resp: 347172

Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.1

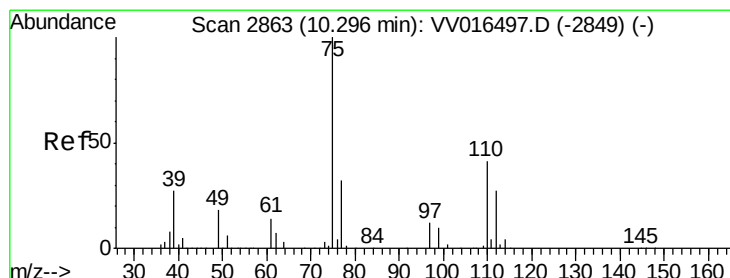
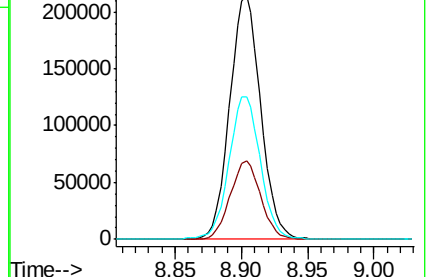
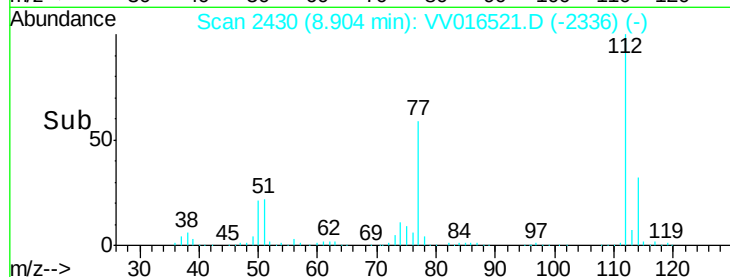
77 58.8 47.4 71.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 6.193 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016521.D

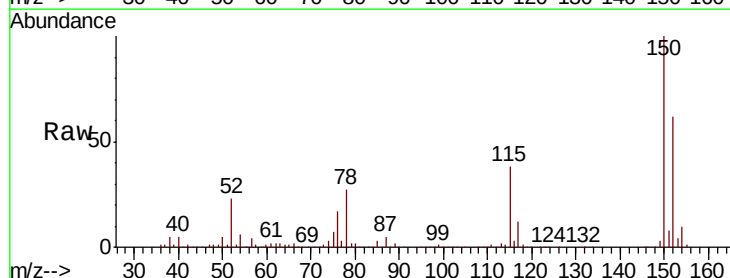
Acq: 04 Jun 2020 20:04

Tgt Ion: 75 Resp: 19355

Ion Ratio Lower Upper

75 100

77 39.6 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

