

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016591.D
 Acq On : 06 Jun 2020 15:40
 Operator : SY/MD
 Sample : L2895-11MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0K6MS

Quant Time: Jun 07 00:42:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	361628	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	338075	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164018	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89858	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.16%
7) Chloroethane-d5	1.56	69	69736	37.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.42%
11) 1,1-Dichloroethene-d2	2.12	63	178222	39.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.50%
21) 2-Butanone-d5	3.89	46	173738	106.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.08%
24) Chloroform-d	4.37	84	214388	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.05	65	151796	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.07	84	425259	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
36) 1,2-Dichloropropane-d6	6.09	67	137055	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.14%
41) Toluene-d8	7.34	98	382629	46.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.04%
43) trans-1,3-Dichloropropene-	7.64	79	63783	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.76%
47) 2-Hexanone-d5	8.11	63	131588	108.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184815	48.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	160147	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

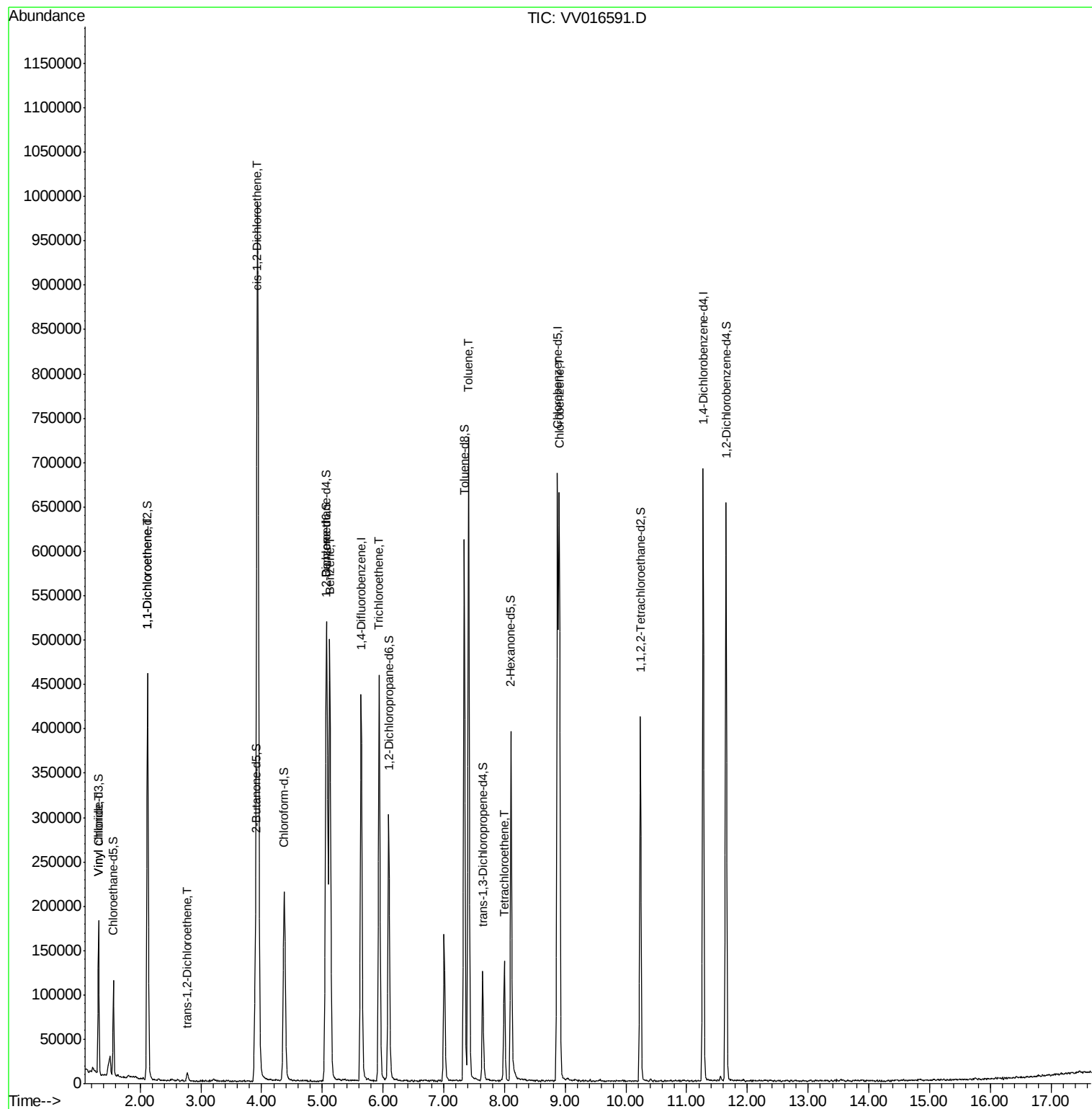
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	10475	3.771	ug/L	# 79
12) 1,1-Dichloroethene	2.13	96	80787	40.239	ug/L	89
17) trans-1,2-Dichloroethene	2.78	96	3389	1.338	ug/L	92
20) cis-1,2-Dichloroethene	3.93	96	540341	197.648	ug/L	99
33) Benzene	5.12	78	480234	48.300	ug/L	100
34) Trichloroethene	5.94	95	157113	60.222	ug/L	98
42) Toluene	7.41	91	507771	48.195	ug/L	100
46) Tetrachloroethene	8.00	164	29688	14.759	ug/L	97
51) Chlorobenzene	8.90	112	324633	46.882	ug/L	99

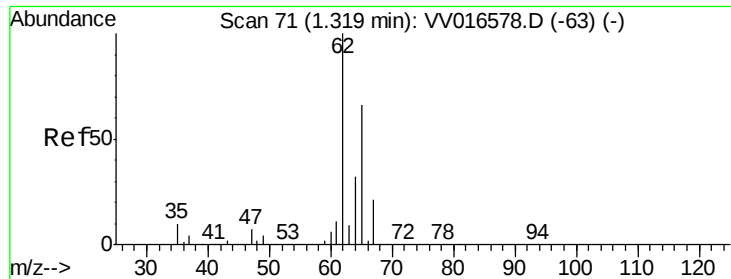
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 23:47:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.771 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016591.D

Acq: 06 Jun 2020 15:40

Instrument :

MSVOA_V

ClientSampleId :

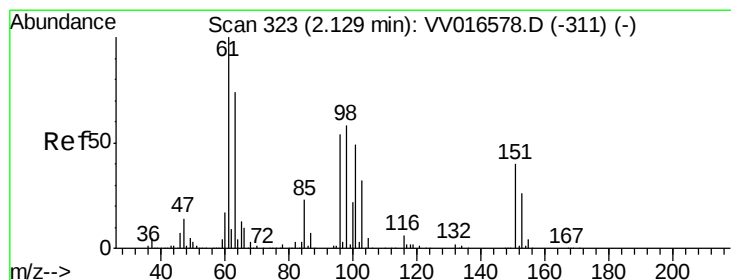
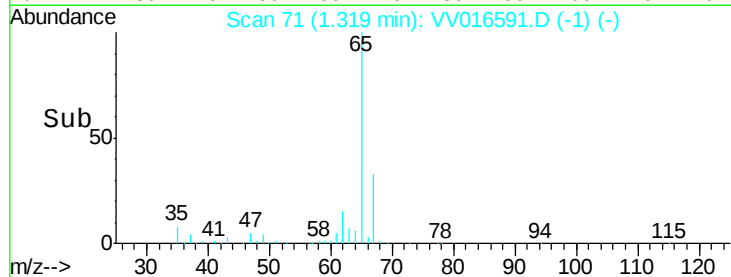
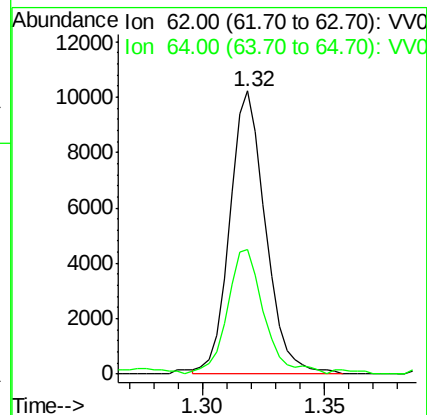
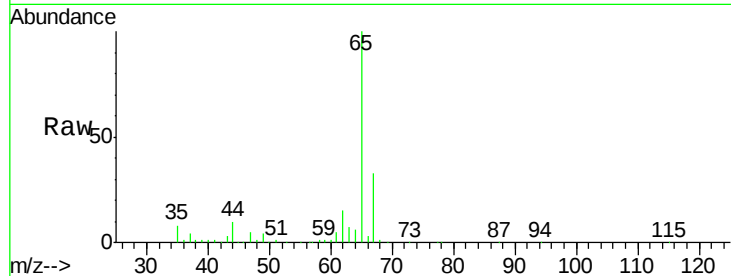
EW0K6MS

Tot Ion: 62 Resp: 10475

Ion Ratio Lower Upper

62 100

64 44.0 22.7 42.1#



#12

1,1-Dichloroethene

Concen: 40.239 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016591.D

Acq: 06 Jun 2020 15:40

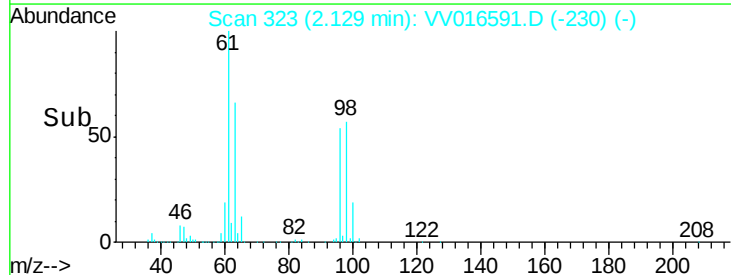
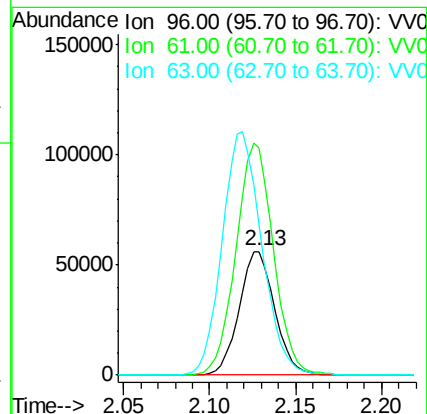
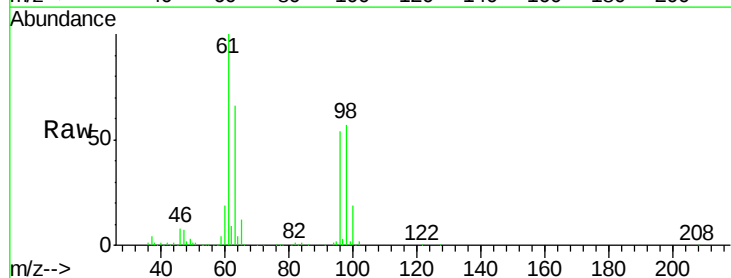
Tgt Ion: 96 Resp: 80787

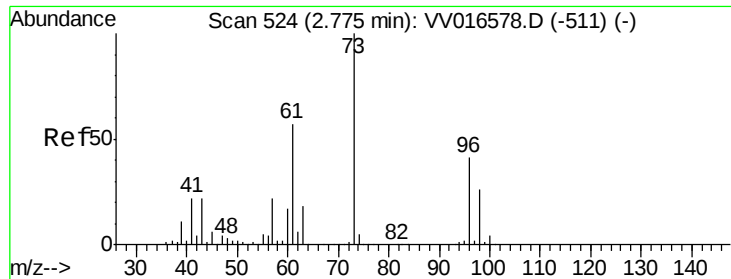
Ion Ratio Lower Upper

96 100

61 183.6 125.5 233.1

63 121.8 104.0 193.1





#17

trans-1,2-Dichloroethene

Concen: 1.338 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV016591.D

Acq: 06 Jun 2020 15:40

Instrument :

MSVOA_V

ClientSampleId :

EW0K6MS

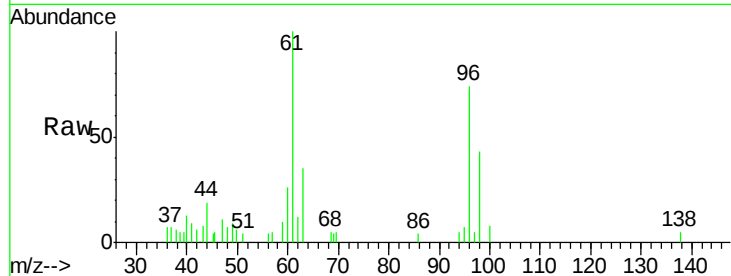
Tot Ion: 96 Resp: 3389

Ion Ratio Lower Upper

96 100

61 134.7 101.0 187.6

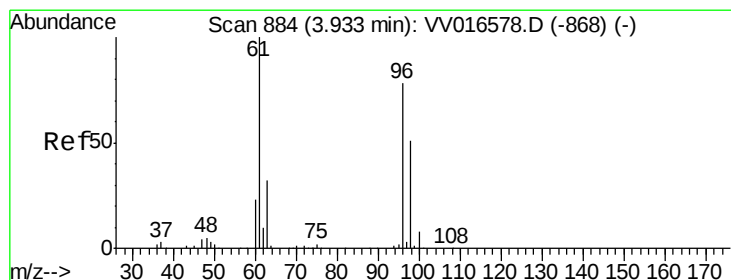
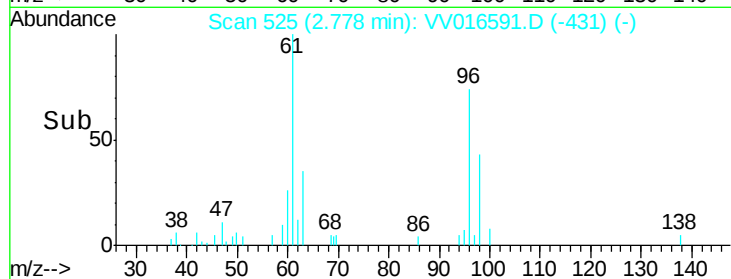
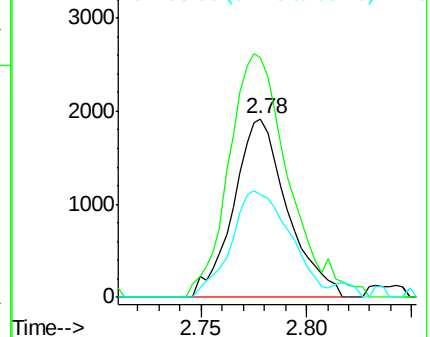
98 57.4 44.7 83.1



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



#20

cis-1,2-Dichloroethene

Concen: 197.648 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV016591.D

Acq: 06 Jun 2020 15:40

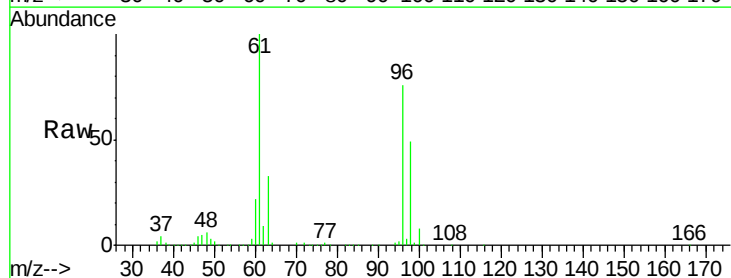
Tgt Ion: 96 Resp: 540341

Ion Ratio Lower Upper

96 100

61 131.7 93.4 173.4

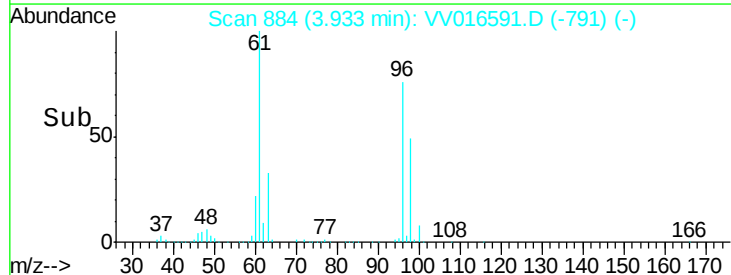
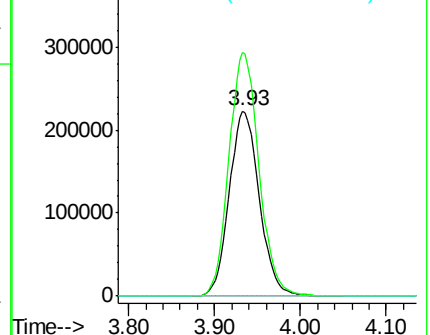
68 0.0 0.0 0.0

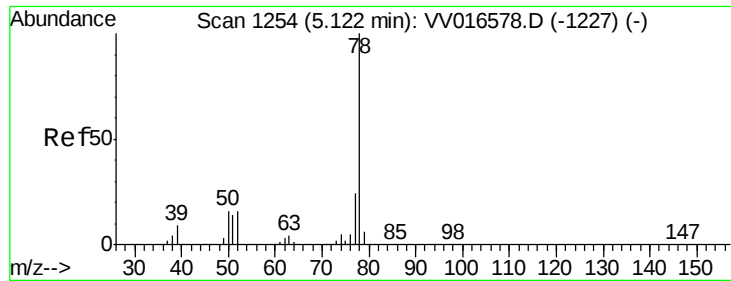


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#33

Benzene

Concen: 48.300 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016591.D

Acq: 06 Jun 2020 15:40

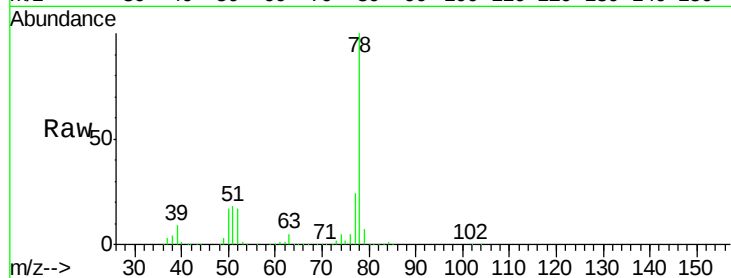
Instrument :

MSVOA_V

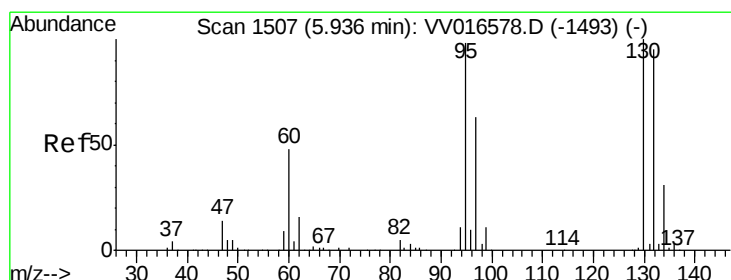
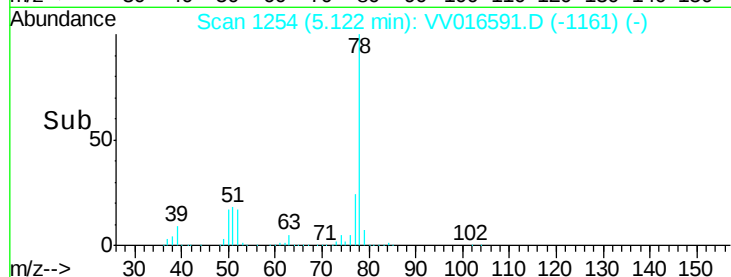
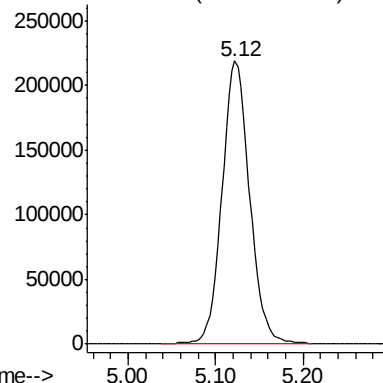
ClientSampleId :

EW0K6MS

Tgt Ion: 78 Resp: 480234



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 60.222 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV016591.D

Acq: 06 Jun 2020 15:40

Tgt Ion: 95 Resp: 157113

Ion	Ratio	Lower	Upper
95	100		
97	62.0	42.8	79.6
132	95.8	65.6	121.8
130	100.6	69.0	128.1

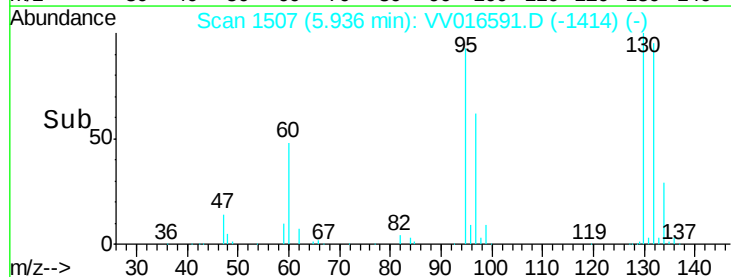
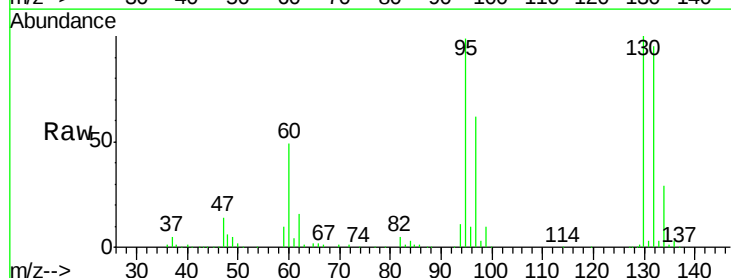
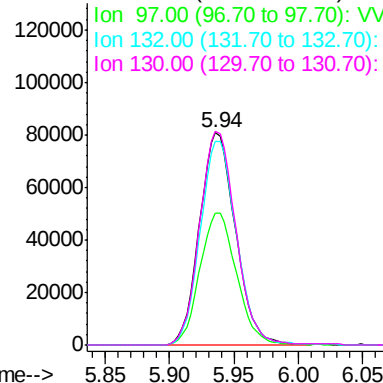
Ion 95.00 (94.70 to 95.70): VV0

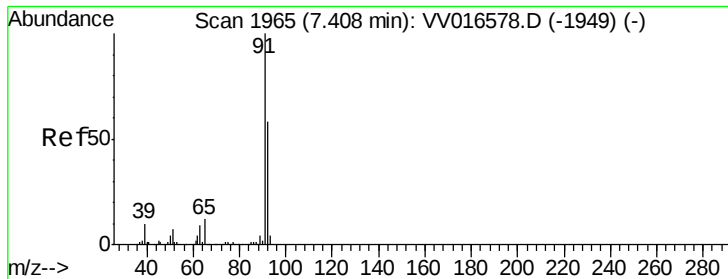
Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0





#42

Toluene

Concen: 48.195 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016591.D

Acq: 06 Jun 2020 15:40

Instrument :

MSVOA_V

ClientSampleId :

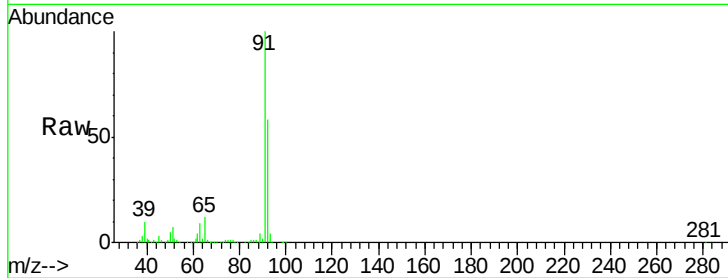
EW0K6MS

Tot Ion: 91 Resp: 507771

Ion Ratio Lower Upper

91 100

92 58.0 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016591.D (-1872) (-)

Ion 92.00 (91.70 to 92.70): VV016591.D (-1872) (-)

7.41

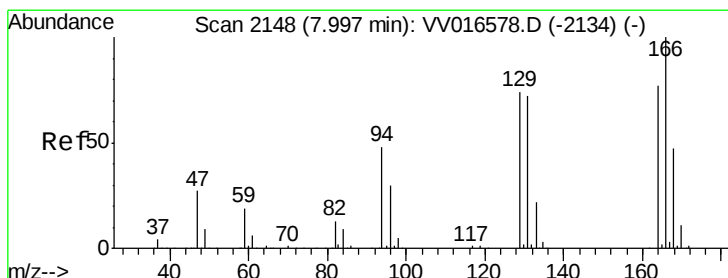
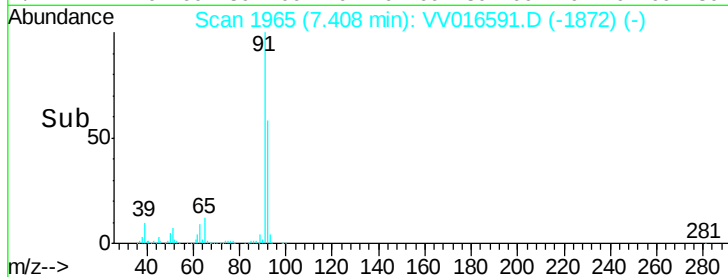
300000

200000

100000

0

Time-->



#46

Tetrachloroethene

Concen: 14.759 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV016591.D

Acq: 06 Jun 2020 15:40

Tgt Ion:164 Resp: 29688

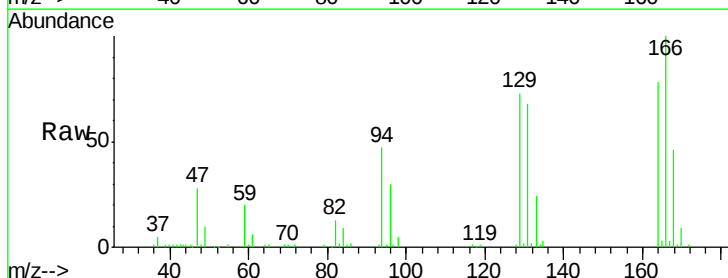
Ion Ratio Lower Upper

164 100

129 94.1 67.7 125.7

131 87.3 63.8 118.6

166 128.4 88.7 164.7



Abundance Ion 164.00 (163.70 to 164.70): VV016591.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV016591.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV016591.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV016591.D (-2055) (-)

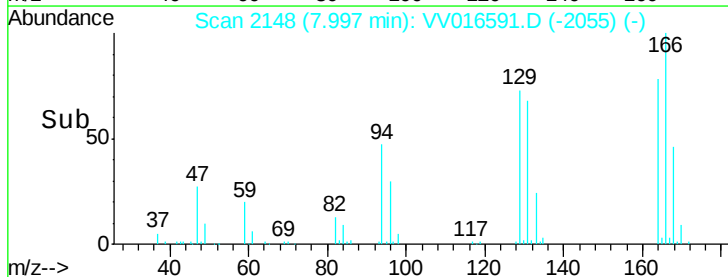
30000

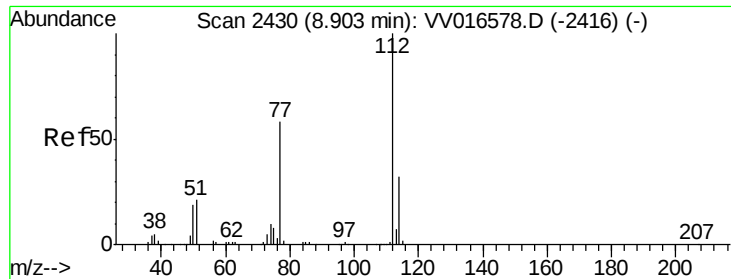
20000

10000

0

Time-->





#51

Chlorobenzene

Concen: 46.882 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

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Acq: 06 Jun 2020 15:40

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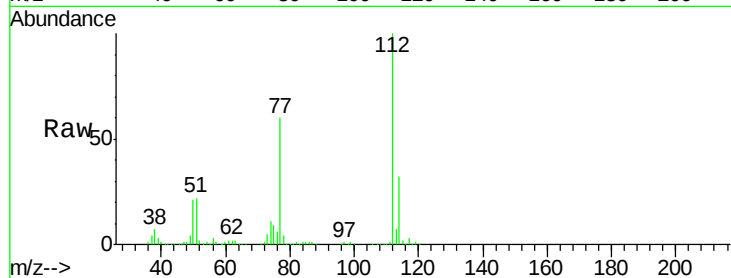
Tot Ion:112 Resp: 324633

Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.1

77 60.2 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): VV0

