

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016338.D
 Acq On : 30 May 2020 02:44
 Operator : SY/MD
 Sample : L2826-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWKC4

Quant Time: May 30 04:36:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 03:05:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	79979	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	72521	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	26906	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	24825	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	18854	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.12	63	35186	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.98	46	52258	41.01	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.02%
24) Chloroform-d	4.38	84	47369	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.06	65	26313	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.07	84	92773	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.10	67	28542	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	82335	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
45) trans-1,3-Dichloropropene-	7.64	79	9030	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
48) 2-Hexanone-d5	8.12	63	47705	50.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.42%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	17839	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	21917	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

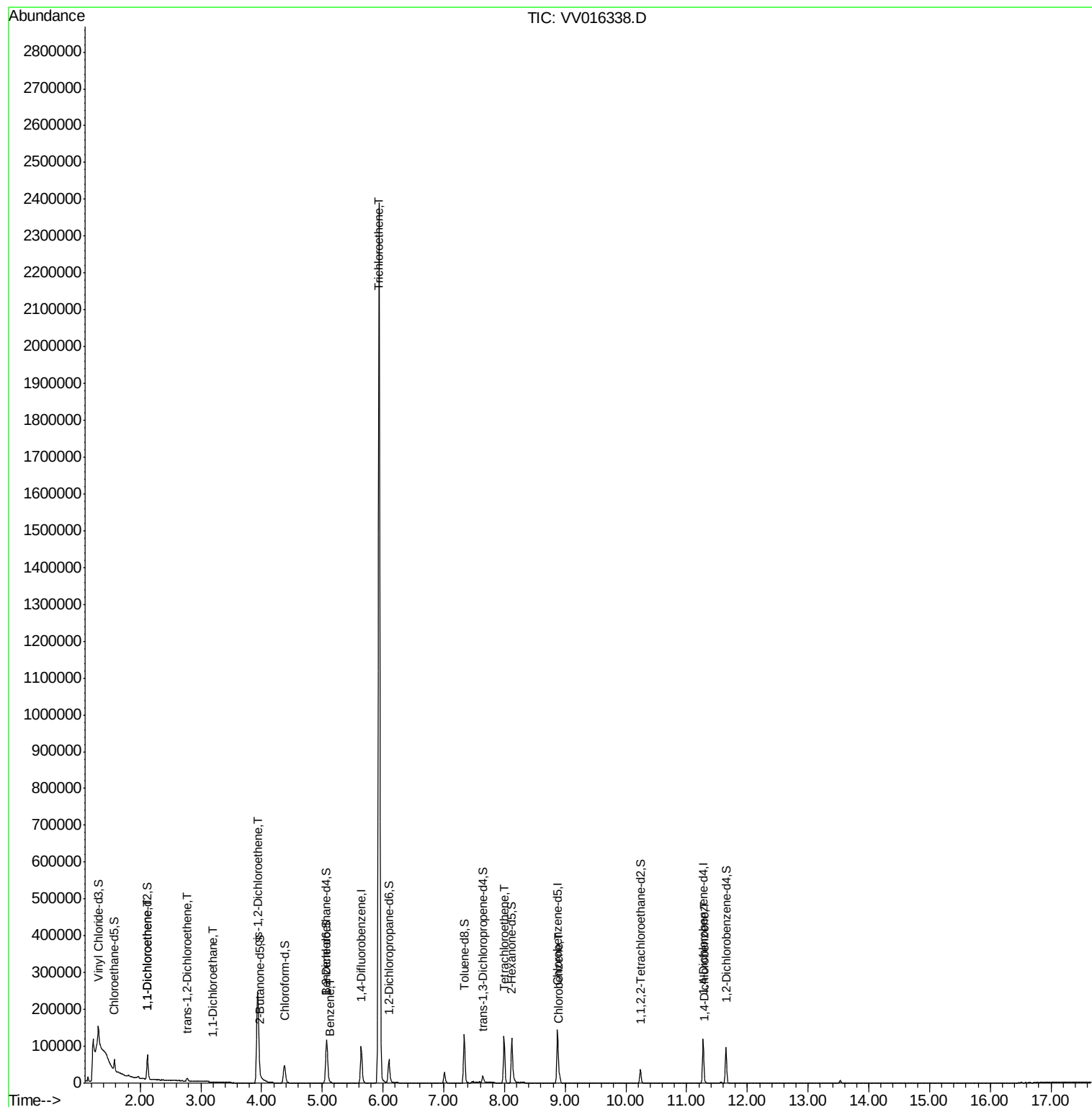
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1659	0.352 ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	2488	0.482 ug/L	91
19) 1,1-Dichloroethane	3.21	63	1045	0.107 ug/L #	81
22) cis-1,2-Dichloroethene	3.94	96	132088	21.634 ug/L	97
33) Benzene	5.13	78	2192	0.105 ug/L	100
34) Trichloroethene	5.94	95	814974	149.903 ug/L	98
49) Tetrachloroethene	8.00	164	25175	6.450 ug/L	97
53) Chlorobenzene	8.90	112	10690	0.760 ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	1461	0.175 ug/L	95

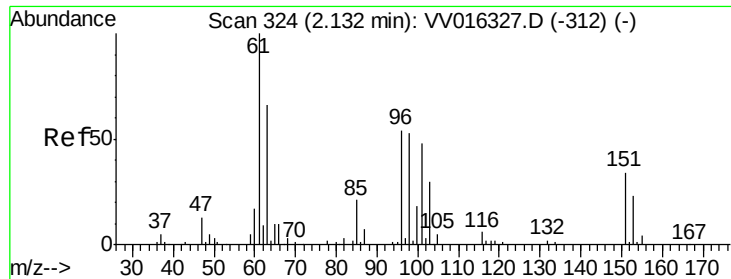
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.352 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016338.D

Acq: 30 May 2020 02:44

Instrument :

MSVOA_V

ClientSampled :

CWKC4

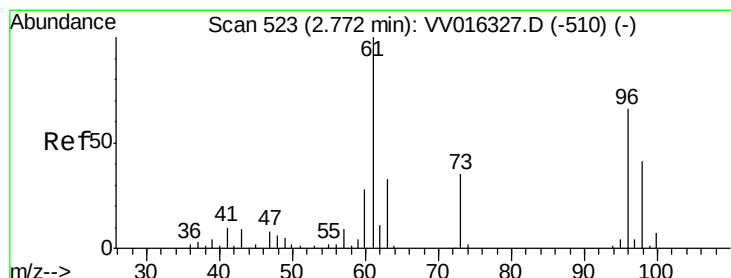
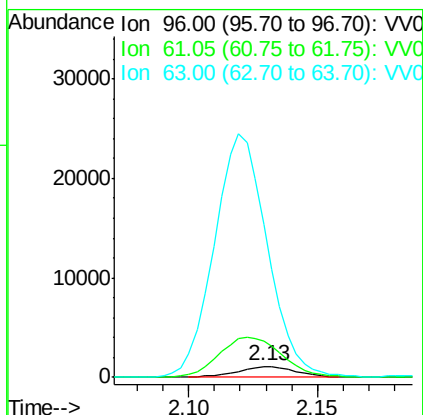
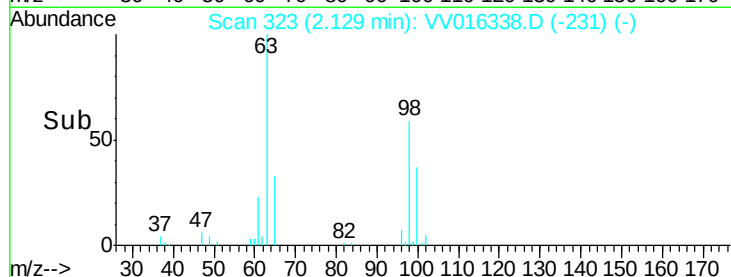
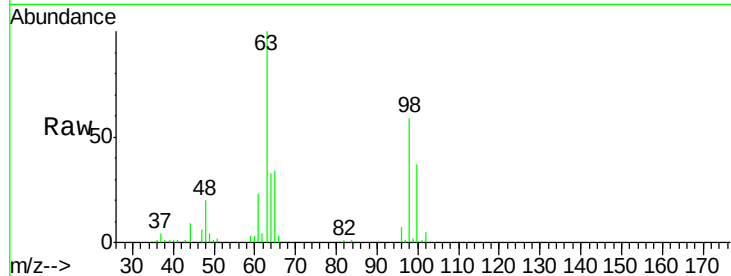
Tot Ion: 96 Resp: 1659

Ion Ratio Lower Upper

96 100

61 327.7 124.9 231.9#

63 1397.5 80.4 149.2#



#18

trans-1,2-Dichloroethene

Concen: 0.482 ug/L

RT: 2.78 min Scan# 524

Delta R.T. 0.00 min

Lab File: VV016338.D

Acq: 30 May 2020 02:44

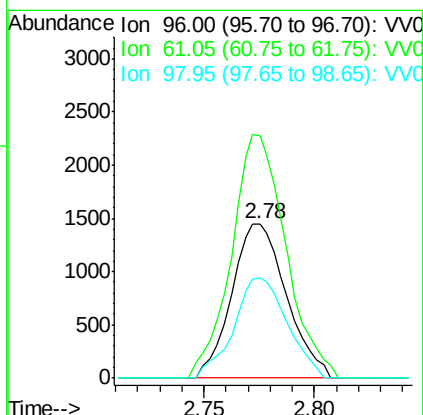
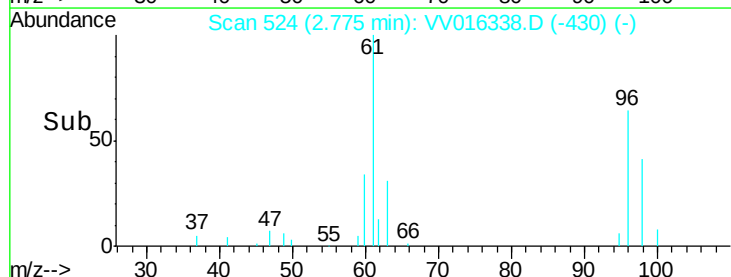
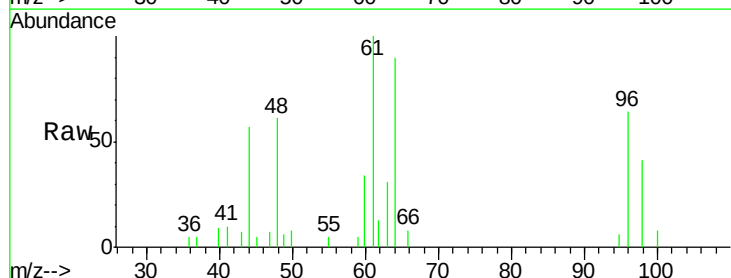
Tgt Ion: 96 Resp: 2488

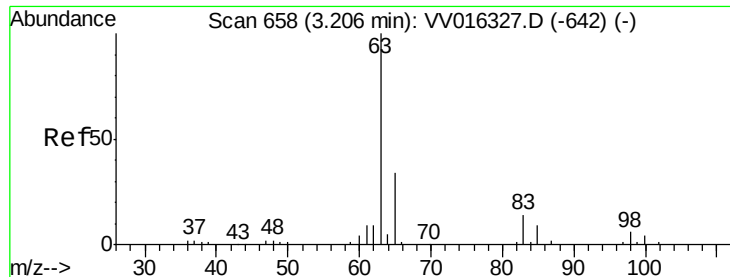
Ion Ratio Lower Upper

96 100

61 156.8 99.8 185.4

98 64.9 44.0 81.6

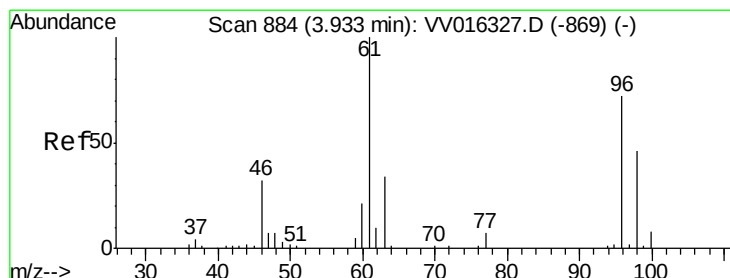
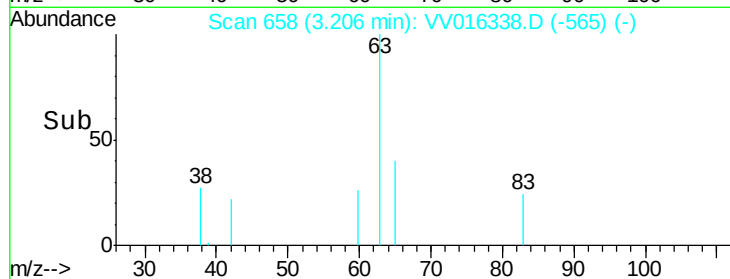
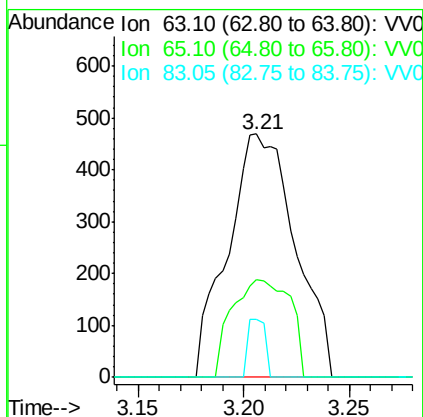
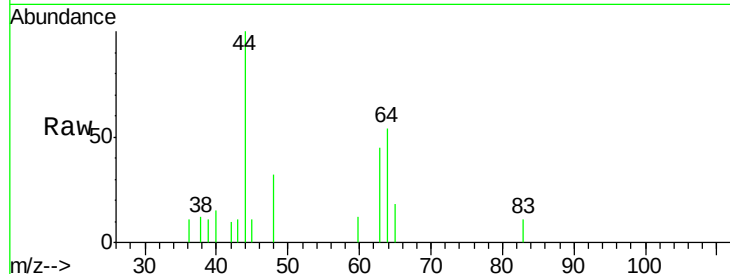




#19
 1,1-Dichloroethane
 Concen: 0.107 ug/L
 RT: 3.21 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VV016338.D
 Acq: 30 May 2020 02:44

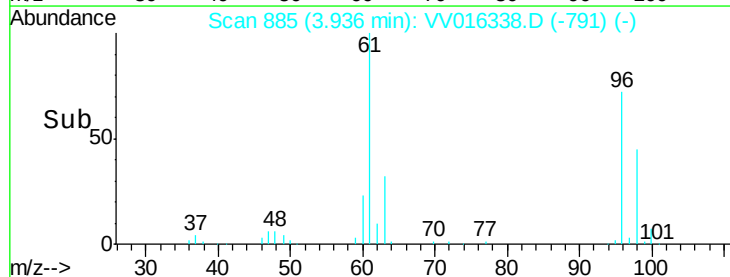
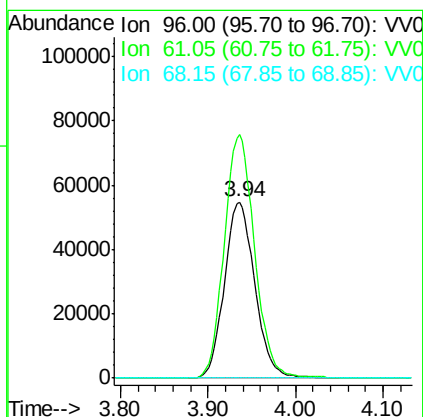
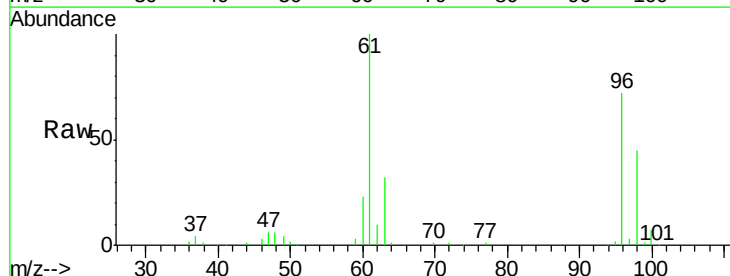
Instrument :
 MSVOA_V
 ClientSampleId :
 CWKC4

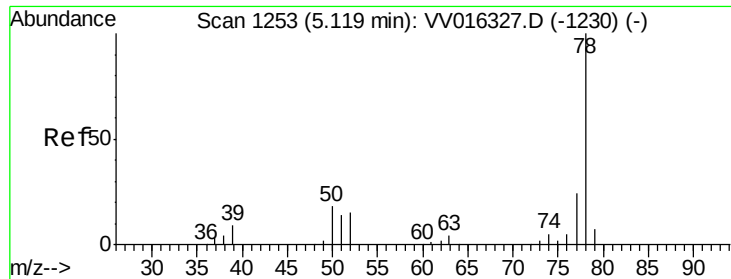
Tot Ion: 63 Resp: 1045
 Ion Ratio Lower Upper
 63 100
 65 40.3 22.3 41.5
 83 24.1 9.4 17.4#



#22
 cis-1,2-Dichloroethene
 Concen: 21.634 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016338.D
 Acq: 30 May 2020 02:44

Tgt Ion: 96 Resp: 132088
 Ion Ratio Lower Upper
 96 100
 61 138.4 99.7 185.1
 68 0.0 0.0 0.0





#33

Benzene

Concen: 0.105 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV016338.D

Acq: 30 May 2020 02:44

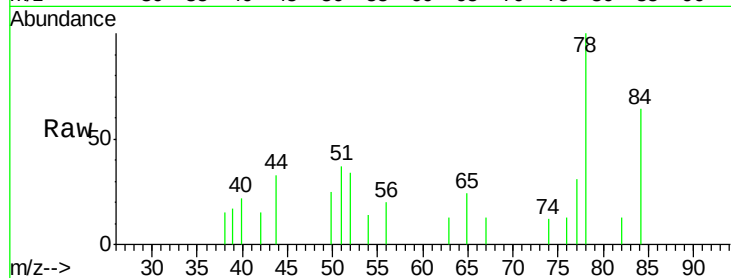
Instrument :

MSVOA_V

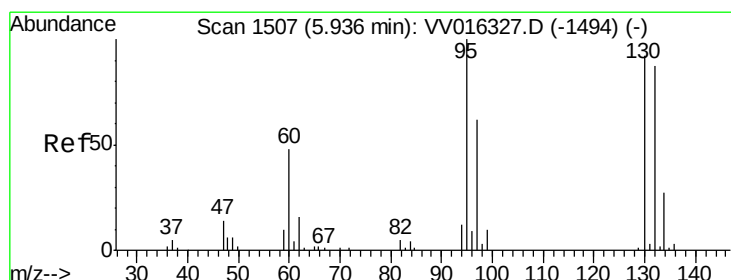
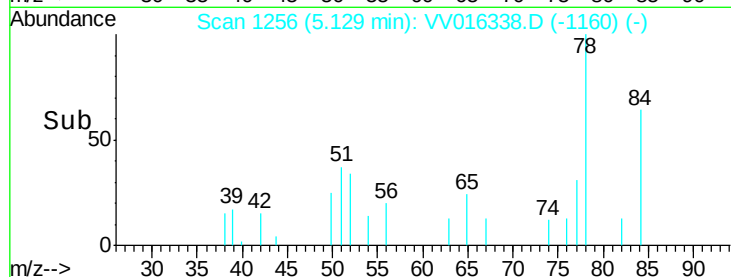
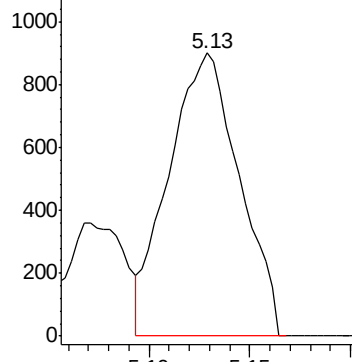
ClientSampleId :

CWKC4

Tgt Ion: 78 Resp: 2192



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 149.903 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016338.D

Acq: 30 May 2020 02:44

Tgt Ion: 95 Resp: 814974

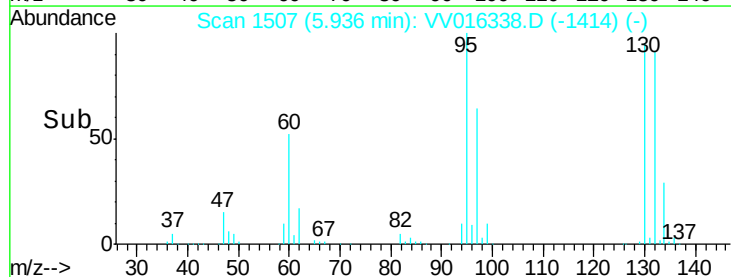
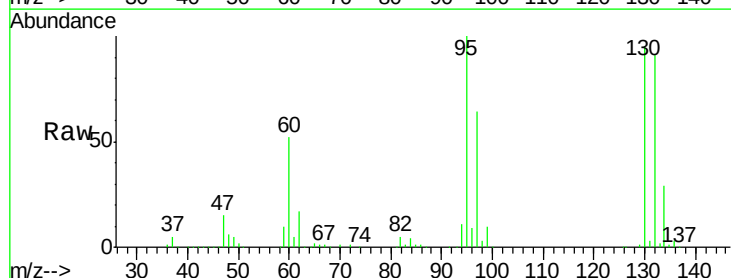
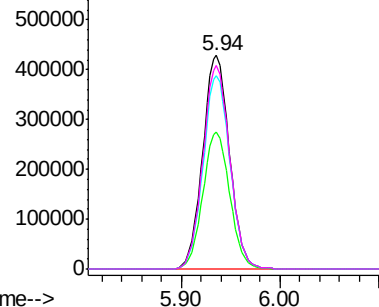
Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.6	81.0
132	90.8	63.9	118.7
130	95.0	65.2	121.0

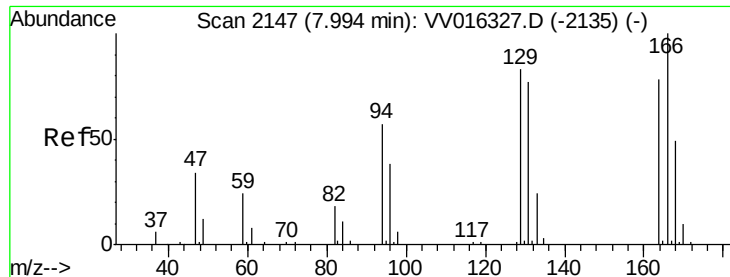
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#49

Tetrachloroethene

Concen: 6.450 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016338.D

Acq: 30 May 2020 02:44

Instrument :

MSVOA_V

ClientSampleId :

CWKC4

Tot Ion:164 Resp: 25175

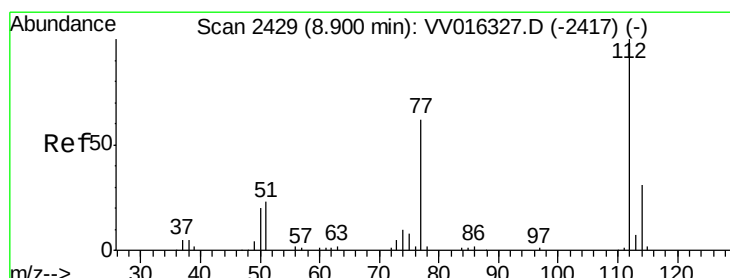
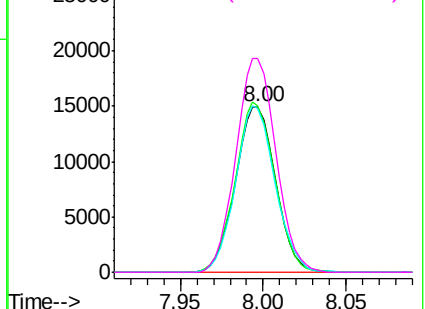
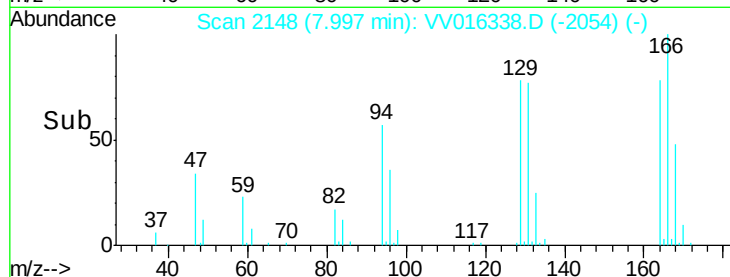
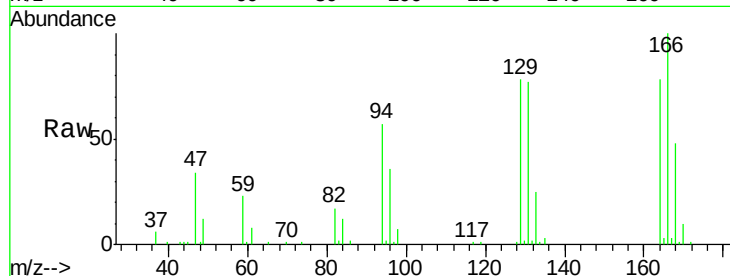
Ion Ratio Lower Upper

164 100

129 100.2 70.7 131.3

131 98.8 66.6 123.8

166 129.0 86.9 161.5



#53

Chlorobenzene

Concen: 0.760 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016338.D

Acq: 30 May 2020 02:44

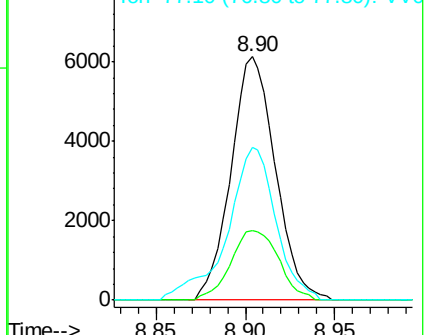
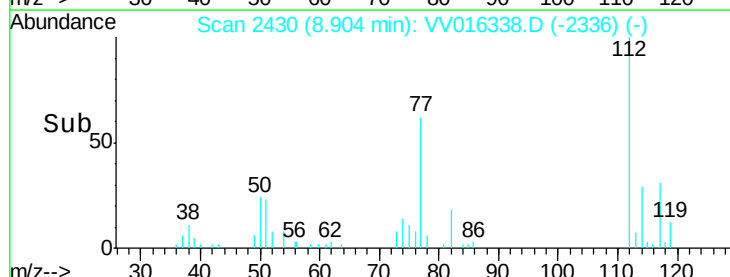
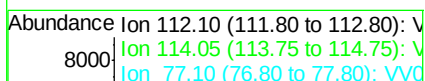
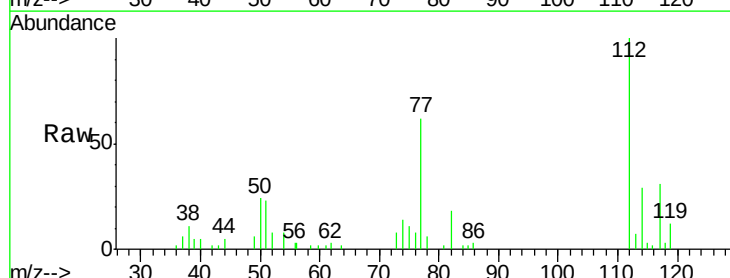
Tgt Ion:112 Resp: 10690

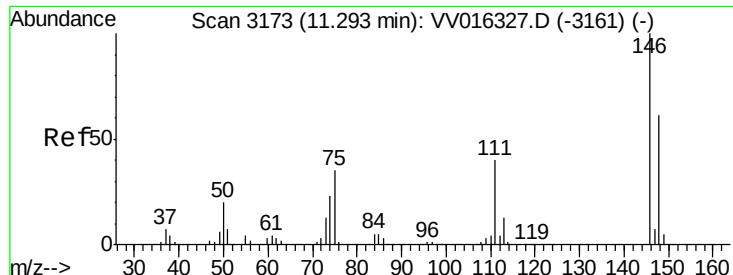
Ion Ratio Lower Upper

112 100

114 28.5 22.3 41.3

77 62.5 50.7 76.1

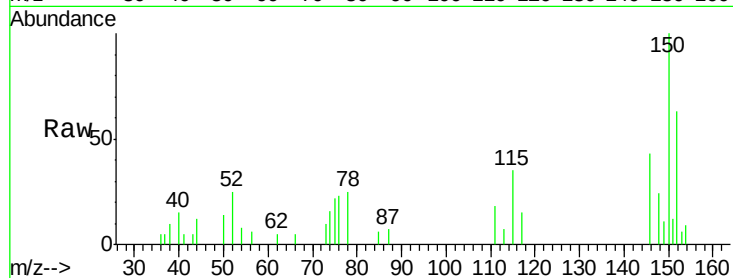




#64
 1,4-Dichlorobenzene
 Concen: 0.175 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV016338.D
 Acq: 30 May 2020 02:44

Instrument :
 MSVOA_V
 ClientSampleId :
 CWKC4

Tot Ion:146 Resp: 1461
 Ion Ratio Lower Upper
 146 100
 111 41.6 28.3 52.7
 148 56.5 43.3 80.3



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

