

Data File : VV013853.D
Acq On : 29 Nov 2019 16:31
Operator : SY/MD
Sample : K6061-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XQ5

Quant Time: Nov 29 22:38:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	671272	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	647859	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	292643	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	195925	49.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.68%
7) Chloroethane-d5	1.58	69	177412	55.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.88%
11) 1,1-Dichloroethene-d2	2.13	63	278096	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
21) 2-Butanone-d5	3.92	46	283558	97.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.56%
24) Chloroform-d	4.40	84	403229	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.08	65	261642	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.10	84	831657	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
36) 1,2-Dichloropropane-d6	6.11	67	260733	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.04%
41) Toluene-d8	7.36	98	716030	45.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.08%
43) trans-1,3-Dichloropropene-	7.66	79	112883	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.13	63	190813	93.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	331751	47.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.22%
64) 1,2-Dichlorobenzene-d4	11.67	152	308757	52.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.84%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	1.77	101	82250	12.495	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2872	0.775	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	3001	0.848	ug/L #	1
20) cis-1,2-Dichloroethene	3.97	96	9220	1.916	ug/L	93
25) Chloroform	4.42	83	10925	1.264	ug/L	88
27) 1,2-Dichloroethane	5.09	62	4874	0.736	ug/L	98
34) Trichloroethene	5.96	95	185136	37.873	ug/L	97
46) Tetrachloroethene	8.02	164	113326	27.164	ug/L	98
48) 2-Hexanone	8.13	43	22720	4.609	ug/L #	79
59) 1,2,3-Trichloropropane	11.29	75	27321	4.793	ug/L	92

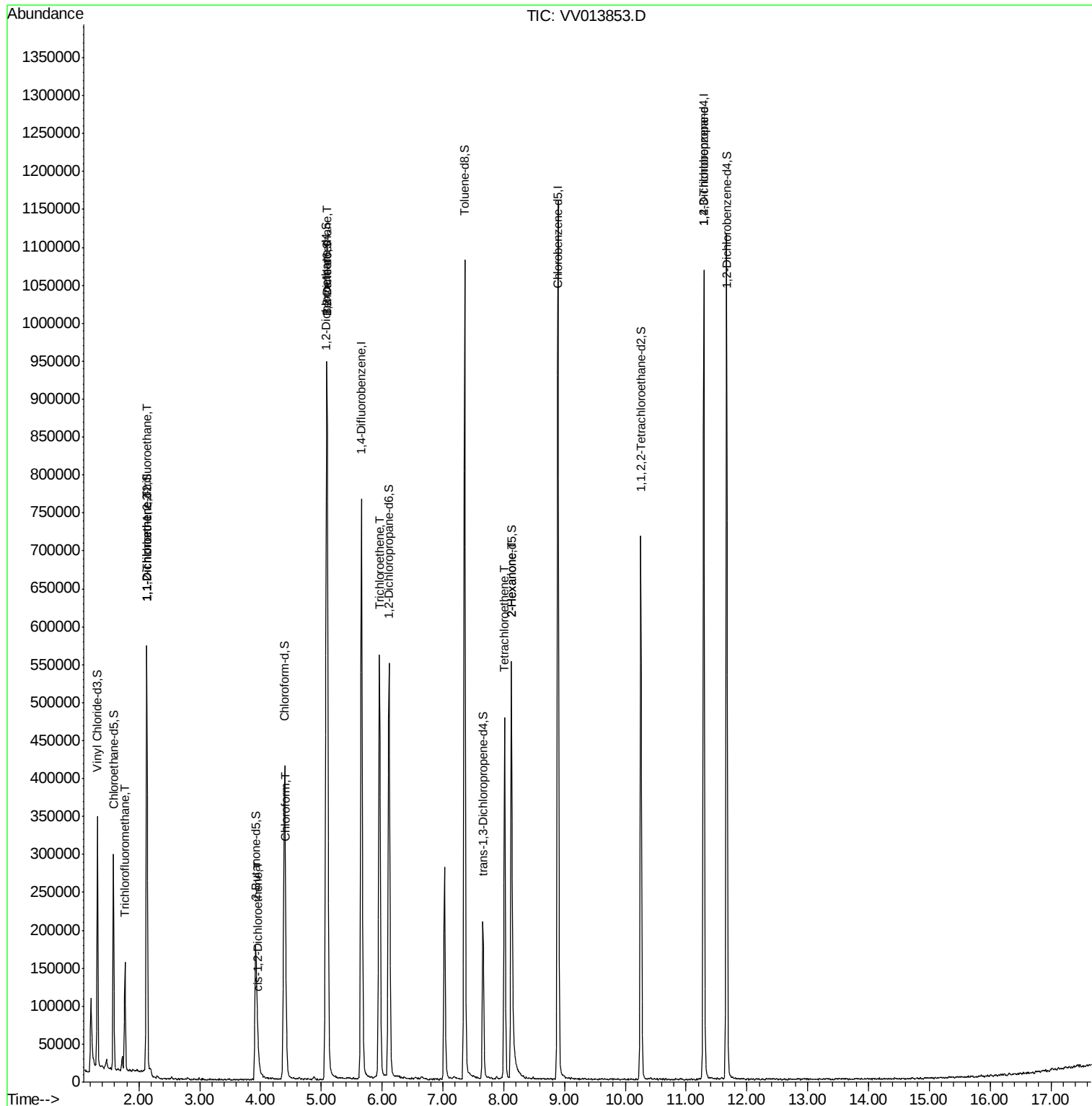
(#) = qualifier out of range (m) = manual integration (+) = signals summed

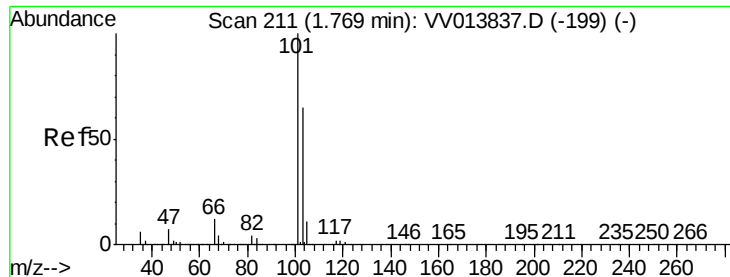
Data File : VV013853.D

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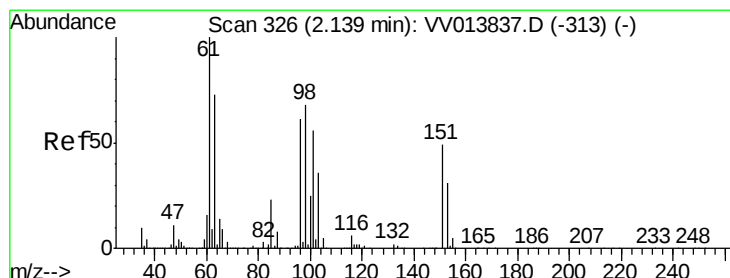
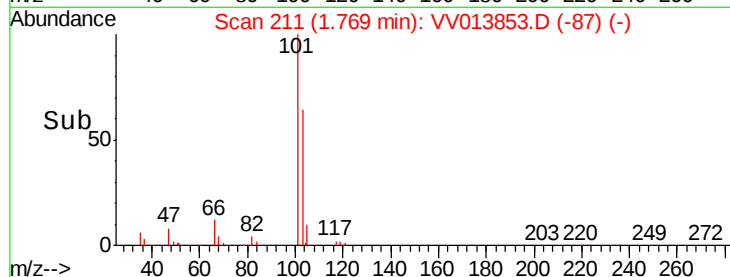
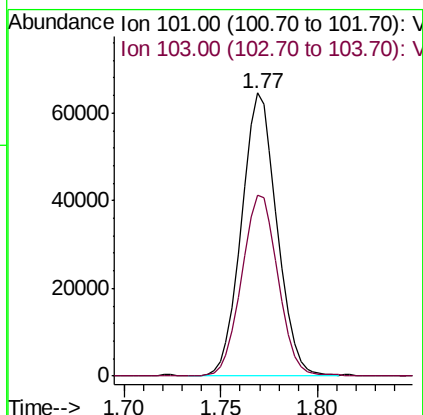
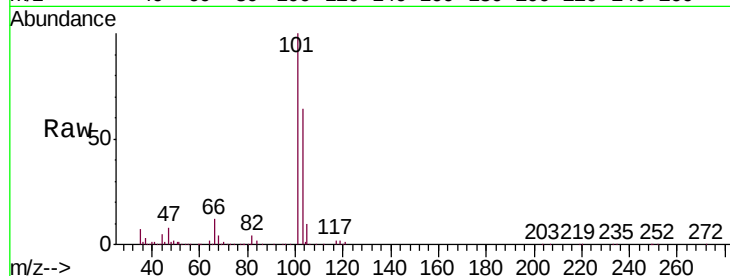


#9

Trichlorofluoromethane
Concen: 12.495 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV013853.D
Acq: 29 Nov 2019 16:31

Instrument :
MSVOA_V
ClientSampleId :
C0XQ5

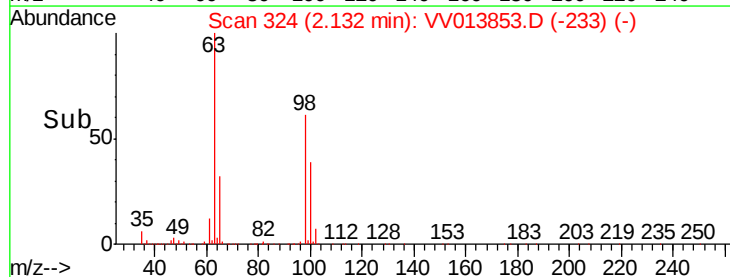
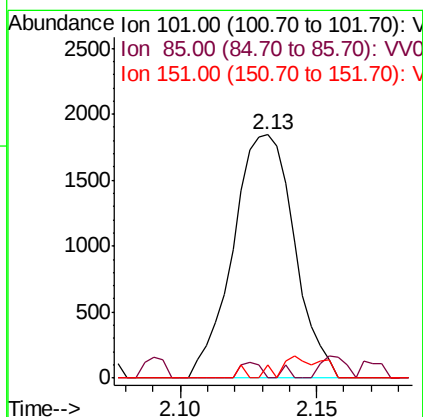
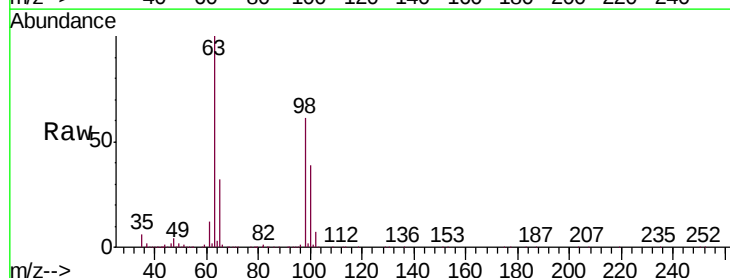
Tgt Ion:101 Resp: 82250
Ion Ratio Lower Upper
101 100
103 65.9 52.5 78.7

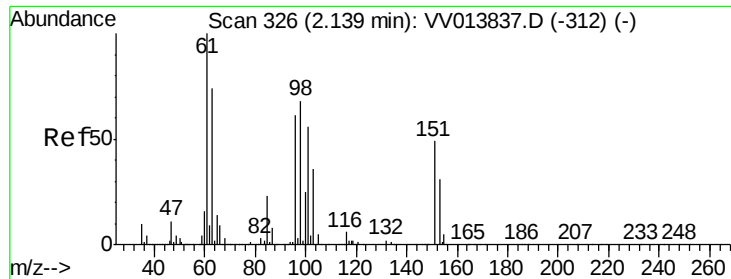


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.775 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV013853.D
Acq: 29 Nov 2019 16:31

Tgt Ion:101 Resp: 2872
Ion Ratio Lower Upper
101 100
85 2.2 33.3 49.9#
151 0.7 69.5 104.3#





#12

1,1-Dichloroethene

Concen: 0.848 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013853.D

Acq: 29 Nov 2019 16:31

Instrument :

MSVOA_V

ClientSampled :

C0XQ5

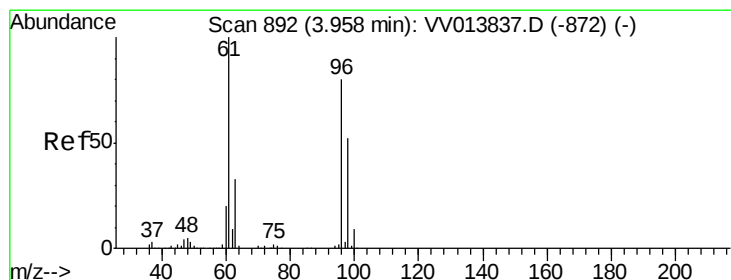
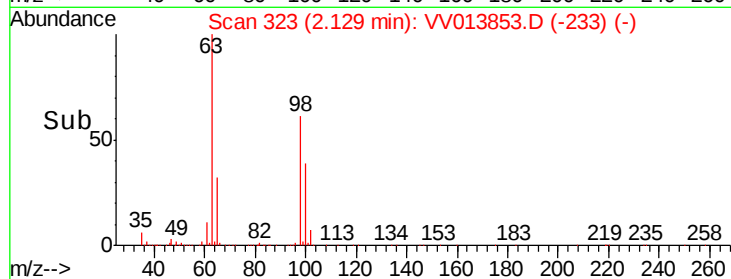
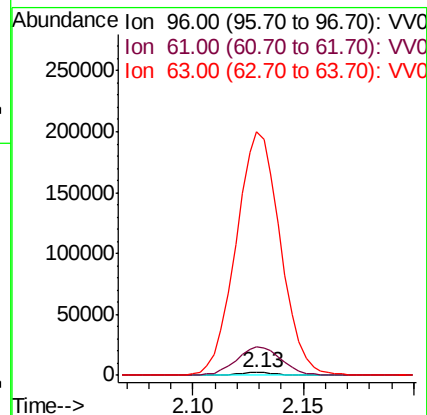
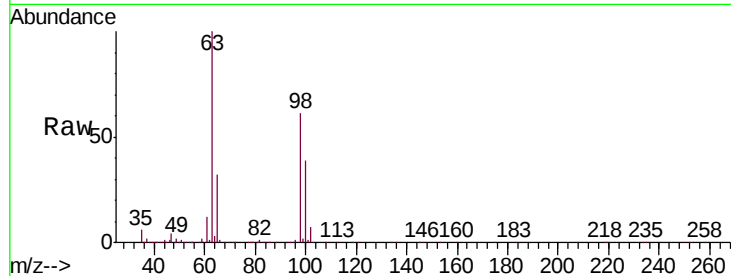
Tgt Ion: 96 Resp: 3001

Ion Ratio Lower Upper

96 100

61 1070.8 116.9 217.1#

63 9292.1 91.5 169.9#



#20

cis-1,2-Dichloroethene

Concen: 1.916 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.01 min

Lab File: VV013853.D

Acq: 29 Nov 2019 16:31

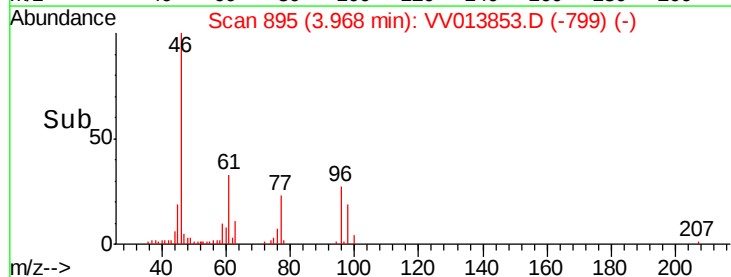
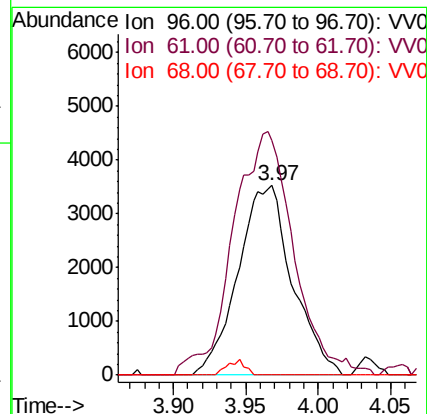
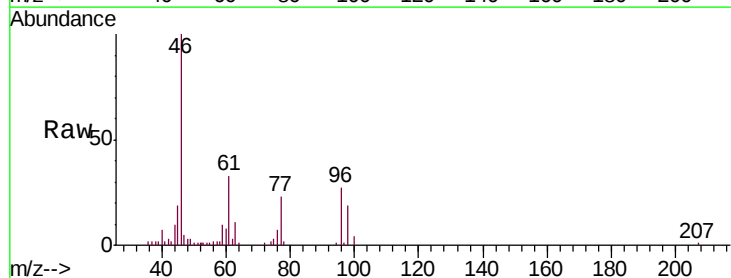
Tgt Ion: 96 Resp: 9220

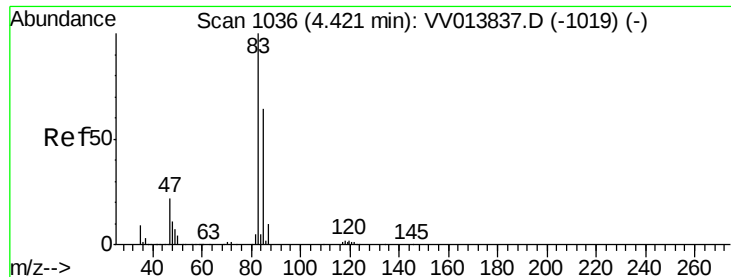
Ion Ratio Lower Upper

96 100

61 123.5 92.1 171.1

68 0.0 0.0 0.0

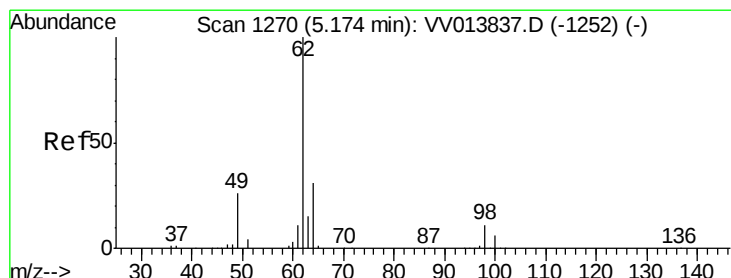
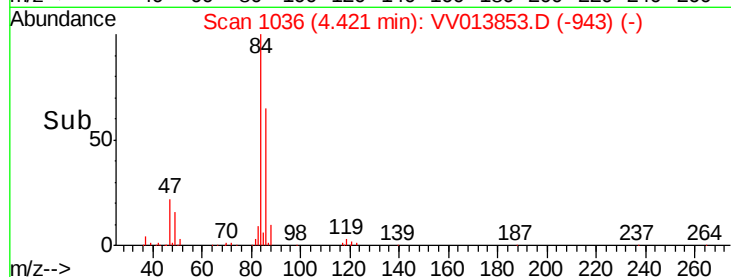
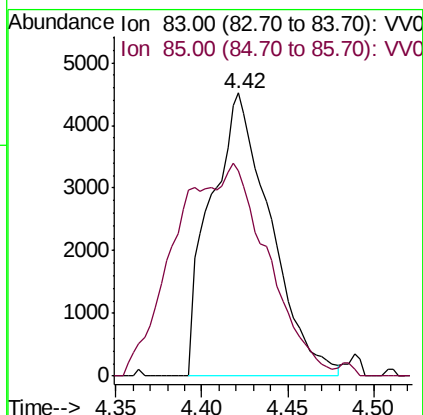
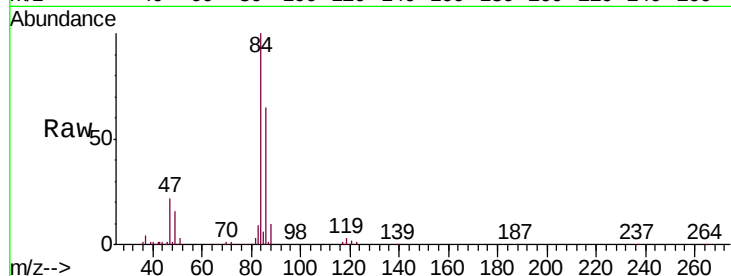




#25
Chloroform
Concen: 1.264 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV013853.D
Acq: 29 Nov 2019 16:31

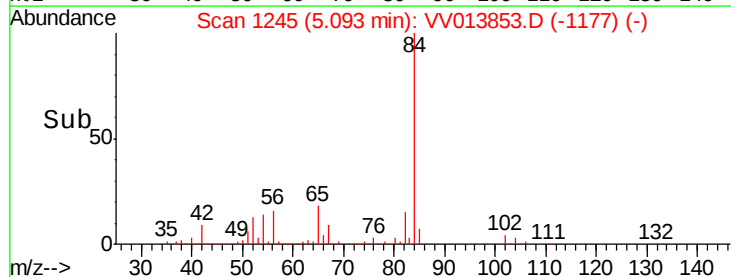
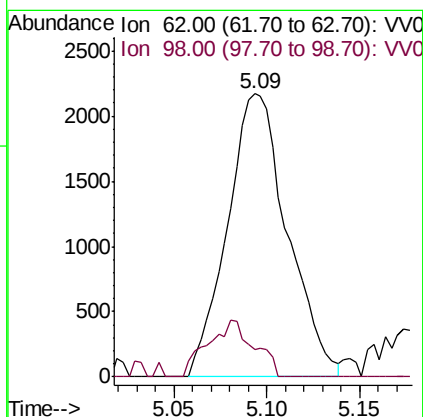
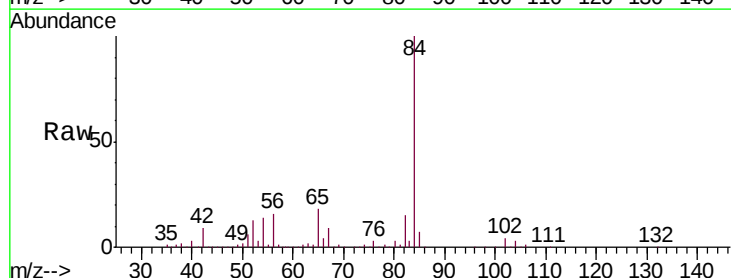
Instrument :
MSVOA_V
ClientSampleId :
C0XQ5

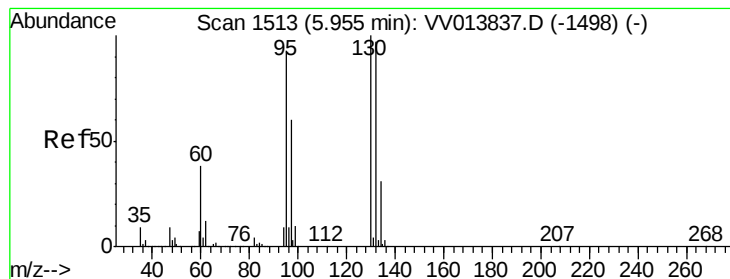
Tgt Ion: 83 Resp: 10925
Ion Ratio Lower Upper
83 100
85 72.7 44.4 82.5



#27
1,2-Dichloroethane
Concen: 0.736 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV013853.D
Acq: 29 Nov 2019 16:31

Tgt Ion: 62 Resp: 4874
Ion Ratio Lower Upper
62 100
98 9.6 8.2 12.4





#34

Trichloroethene

Concen: 37.873 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV013853.D

Acq: 29 Nov 2019 16:31

Instrument :

MSVOA_V

ClientSampleId :

C0XQ5

Tgt Ion: 95 Resp: 185136

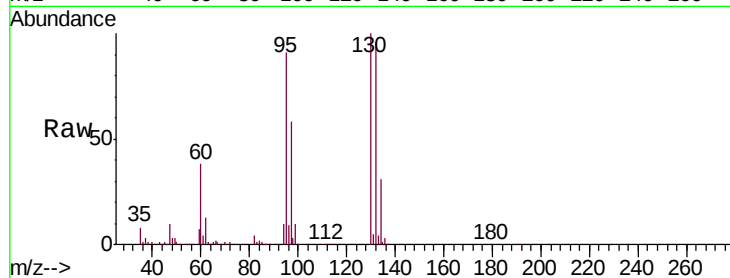
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.7

132 106.4 71.7 133.1

130 110.5 73.8 137.2

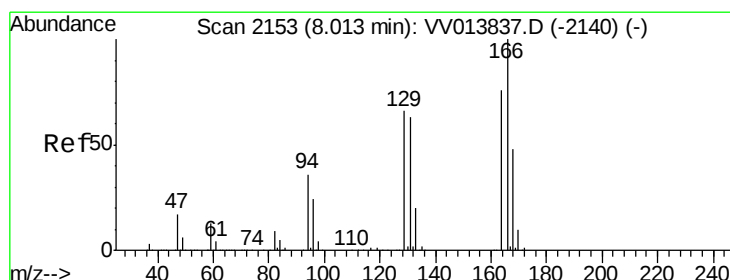
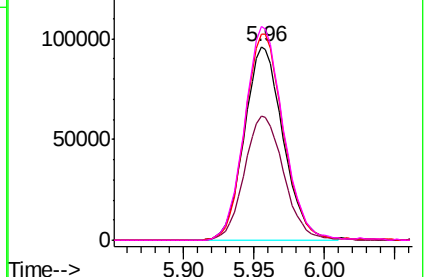
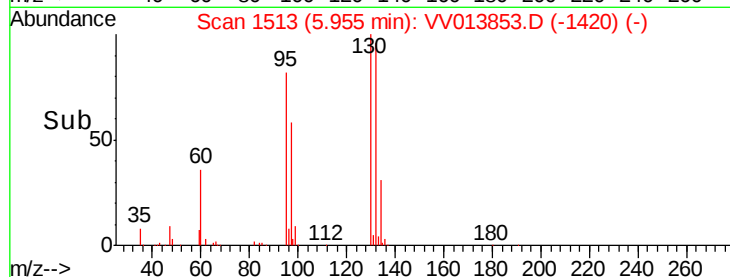


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#46

Tetrachloroethene

Concen: 27.164 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013853.D

Acq: 29 Nov 2019 16:31

Tgt Ion: 164 Resp: 113326

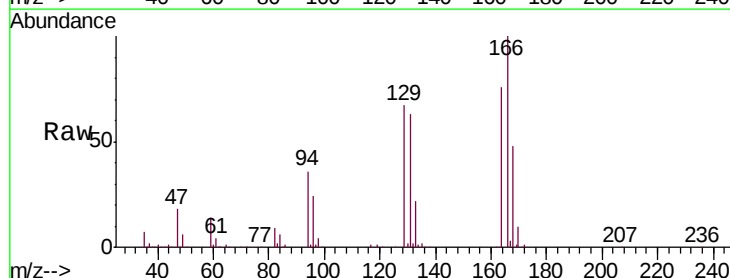
Ion Ratio Lower Upper

164 100

129 87.7 61.5 114.3

131 82.6 60.6 112.6

166 131.1 90.2 167.6

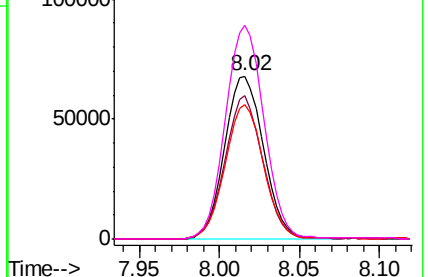
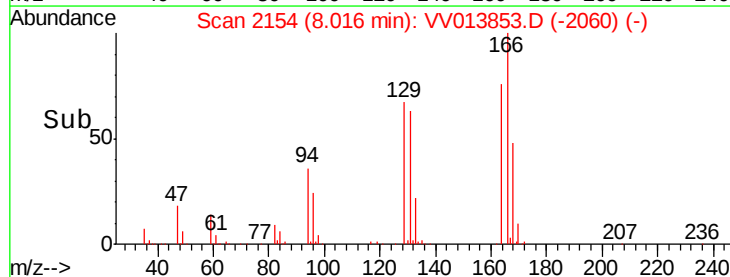


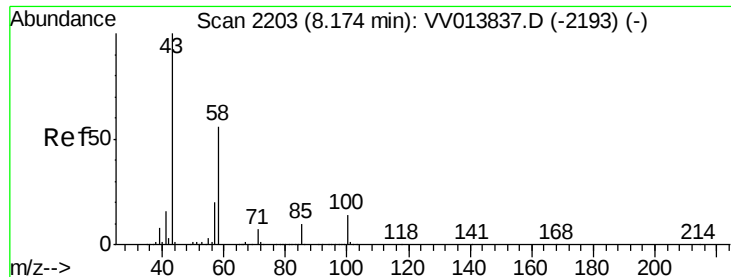
Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

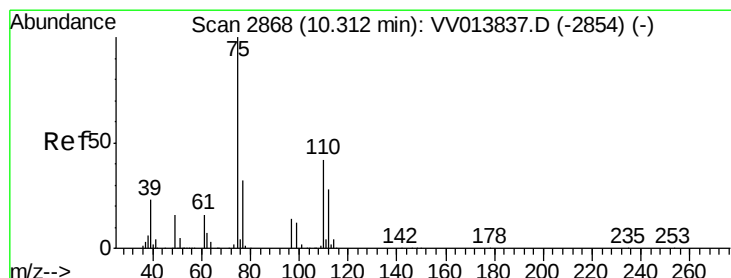
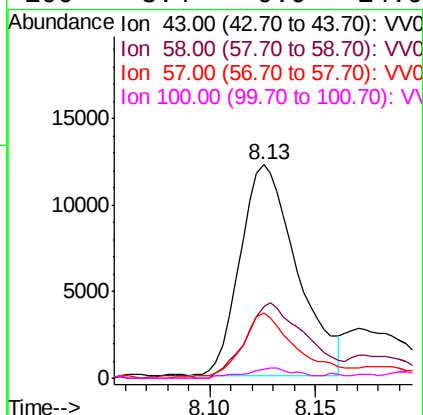
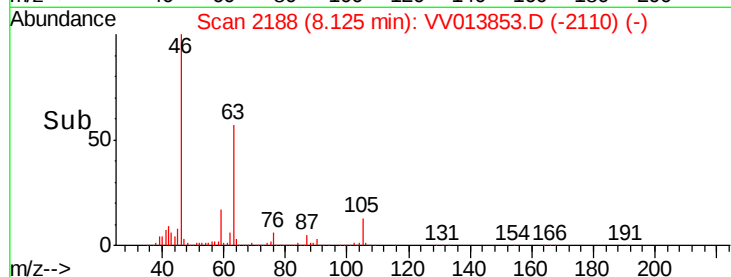
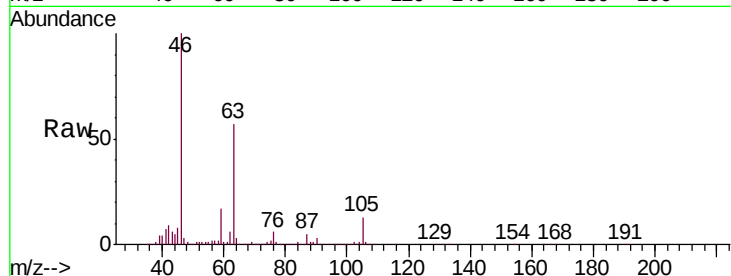




#48
2-Hexanone
Concen: 4.609 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV013853.D
Acq: 29 Nov 2019 16:31

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 22720
Ion Ratio Lower Upper
43 100
58 38.5 43.4 65.0#
57 27.6 15.2 22.8#
100 3.4 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 4.793 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV013853.D
Acq: 29 Nov 2019 16:31

Tgt Ion: 75 Resp: 27321
Ion Ratio Lower Upper
75 100
77 36.3 25.4 38.2

